



Yearly Status Report - 2018-2019

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	JOGINPALLY B.R.ENGINEERING COLLEGE
Name of the head of the Institution	Dr. V.Usha Shree
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08413235051
Mobile no.	9704924777
Registered Email	principal@jbrec.edu.in
Alternate Email	valasani_ushal@yahoo.com
Address	Bhaskar Nagar, Yenkapally (V), Moinabad (M), RR Dist
City/Town	Hyderabad
State/UT	Telangana
Pincode	500075

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr.T.V.S.Arun Murthy
Phone no/Alternate Phone no.	08413235051
Mobile no.	9441220936
Registered Email	iqac@jbrec.edu.in
Alternate Email	viceprincipal@jbrec.edu.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://jbrec.edu.in/wp-content/uploads/2019/09/JBREC-AQAR-2017-18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://jbrec.edu.in/exam-cell/academic-calender/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.76	2018	03-Jul-2018	02-Jul-2023

6. Date of Establishment of IQAC	06-Jan-2012
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
National Conference	27-Oct-2018	150

ETISEM	1	
Two day Workshop on PCB Fabrication	29-Oct-2018 2	100
Faculty Development Program on Introduction to R Programming	19-Sep-2018 2	50
Two days Work shop on Cyber Security Ethical Hacking	27-Aug-2018 2	100
FDP on Effective Teaching methodology	03-Jul-2018 2	120
No Files Uploaded !!!		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
/JBREC/ECE/V.Us ha Shree	DST	DST-NIMAT-EAC	2018 3	20000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Soft skill programmes and personality development programmes for students proposed by IQAC have helped significant increase in placements. Two Internal faculties have obtained Ph.D degree in 201819, which helps enhancement of quality in teaching. With the concept of Quality initiative in teaching, college has recruited many Ph.D holders as faculty. As of now 10 of faculties are Ph.D holders out of 128 total faculties. Seminars for Faculty and NonTeaching Staff were conducted to create awareness about the quality aspects Result Analysis is

done and improvement measures are suggested. Adequate help is given to the faculty for proposal writing both in terms of content and language Analysis of journal publications Promoting MHRD's National Mission for Education programs through ICT

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Improvement in the Teaching Learning process by using the ICT enabled services, conducting remedial classes and giving CRT training for final year students.	1. Improvement of 10 in the over all pass percentage of the students. 2. Improvement in Placement and Higher Studies.
Encouragment of Faculty to Publish more Research Papers.	1. Two Internal faculty members awarded Ph.D's. 2. Faculty Members published more than 70 Research Papers.
Proposed to Conduct workshops and FDP's on Innovative Teaching Learning process.	17 different Workshops and FDPactivities are conducted and students and faculty gained knowledge.
Training in pedagogy for faculty to improve Teaching online by IIT bombay, mission 101x, 201x	30 faculty members have undergone the program for 2 months. Cosiderable improvement in Quality of Teaching observed.
Promotion/Encourage Faculty and Students to Register for NPTEL courses.	25 Faculty member have registered and got certified in different courses.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
BOG	01-May-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

01-Jun-2019

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The following MIS are used. Academics: Moodle cloud for providing the reading material Student feedback: Inhouse Online feedback system Examinations: Encryption and decryption software of JNTUH for question papers Finance and Accounts: Tally enterprise software Establishment section: JBREES in house data system ELearning: NPTEL, ICT, IITB Remote Center 1087 Training and Placement Department: JBRES student data management (100 pins) Library Information Centre: Koha Library Management Software Faculty and student Attendance: Aadhaar Based Attendance System Student registration: JNTUH online Alumni: JBRECA Inhouse data system</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Joginpally B.R Engineering College is affiliated to Jawaharlal Nehru Technological University Hyderabad, Telangana. The curriculum of the college is prescribed by affiliating university, JNTUH. The academic calendar issued by the affiliating university forms the basis for designing college academic calendar which consists of commencement of Instruction, Mid exams, Guest Lectures, Seminars, Workshops, Sports and Cultural Activities, Last day of Instruction, Practical exams and End Semester exams of that Academic year. At the outset, the Principal of the institution conducts meetings regularly with the Heads of Departments to develop various strategies for effective implementation of the curriculum. First year students are given an interactive orientation program on the guidelines of AICTE and JNTUH as a part of two-week induction program. Each department exclusively has a set of Vision and Mission, which are aligned with the Vision and Mission of the institution as per the guidance of Governing Body. Head of the department conducts meeting with the faculty before commencement of the semester, in which subject allocations are made, identifies course in-charges and class in-charges. HOD is the overall in charge of proper functioning of the academic system. Monitors the delivery of course, achieve outcomes, design corrective measures whenever and wherever necessary. Course In-charge, plans and delivers the course contents, takes care of designing of course objectives & outcomes, setting benchmark/targets for student performance, preparation of teaching plan, identifying delivery modes, developing the teaching materials and aids, ascertaining the content beyond syllabus relevant to the course scheduling and executing remedial classes for weak students. The course in-charge prepares the course file which contains academic calendar, syllabus copy, lesson plan, unit wise class material, unit wise assignment questions, university questions and award lists. They are periodically reviewed by Department Academic Committee members. Class in-charge

monitors the class work, syllabus coverage in class, support overall conduction of Teaching-Learning process in the class room. Teaching-Learning is made student centric. Seminar halls and e-class rooms with facility of advanced teaching aids such as LCD projectors, broadband internet connectivity, and Wi-Fi are provided where students participate in group discussions, debates and seminars. Faculty and students has got the access to NPTEL, IUCEE, MIT, IETE video lectures for effective teaching learning practices. The college organizes workshops, and guest lecturers to encourage industry-academia interface among students and faculty members on a regular basis. Industrial visits are arranged for the students to be familiar with the industry process to study in the curriculum. The institute also encourages getting MOU with the industries for better training in core fields and bridging the gap between institution and industry. FDPs are conducted for the faculty, when a new course is introduced in the curriculum. College takes the feedback from students, faculty and other stakeholders regarding curriculum and its implementation, after summarizing the college includes value added topics to the curriculum given by JNTUH.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Cisco	CLA: Programming Essentials in C	11/01/2019	70	Employability	Nil
Spoken Tutorial	SCILAB	01/01/2019	180	Employability	Nil
Spoken Tutorial	Java	01/01/2019	180	Employability	Nil
Spoken Tutorial	C CPP	01/01/2019	180	Employability	Nil
Spoken Tutrorial	RDBMS POSTgreSQL	01/01/2019	180	Employability	Nil
CISCO	CLP: Advanced Programming in C	11/01/2019	70	Employability	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	ECE	05/07/2018
BTech	CSE	05/07/2018
BTech	EEE	05/07/2018

BTech	IT	05/07/2018
BTech	ME	05/07/2018
Mtech	CSE	16/07/2018
Mtech	PE&ED	16/07/2018
MBA	Marketing, Finance, HR	16/07/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	690	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Life Skills	05/07/2018	1108
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	CSE/ECE/EEE/IT/ME	652
MBA	Marketing, Finance, HR	31
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>In the Year 201819 students' feedback was collected twice in a semester. Feedback is a general assessment on satisfaction about teaching methodology, teacher's approachability towards students, and teacher's ability to teach subject and class room management, syllabus coverage, organization of lectures, use of modern tools of Pedagogy etc. Low performing faculty members were guided by the head of institution and college academic committee for future improvement. Faculty feedback collected in the aspects of load and sequencing of the courses in different semesters, quality and relevance of the courses, extent of participatory learning and student involvement, ability to model and analyses the industrial issues, research motives, industry interaction, and employment orientation entrepreneurial promotion in the curriculum. Alumni feedback is conducted when Alumni Meet is organized in the Institute during academic year. The feedback from Alumni is drawn evaluating subject knowledge of the program, level of meeting expectation, progress of Alumni in career after graduation, impact of training, motivation at Institute, social skills,</p>

ability to take decisions, ability to manage finances and presentation skills at the workplace. The Employer of placed students' feedback highlights evaluation parameters in the form of subject knowledge, attitude, motivation, creativity, presentation skills and ability to get along with others. The analysis of this feedback helps institute in introducing various skill development training programs. It also helps in determining overall employability of our students at various levels. Feedback is also collected from the parents during Parent Teacher Meetings (PTMs) that were organized by every department. The feedback from the parents helps the Institute in reorienting the administrative, accommodation, general ambiance, suitability of the courses for career growth, the skill development of ward etc. The consolidated feedback report from various stake holders will be discussed and analyzed in Governing Body meeting and necessary action will be taken.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	CSE	120	143	115
BTech	ECE	120	101	62
BTech	EEE	60	63	14
BTech	IT	60	70	50
BTech	ME	120	59	Nil
Mtech	CSE	18	5	1
Mtech	PEED	18	15	8
MBA	Marketing, Finance, HR	60	72	41

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	241	50	104	15	9

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
128	128	3	30	30	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

JBREC has a strong mentoring system. Each student was attached to faculty mentors for personal guidance, career advancement and development. Faculty members continue to be the mentors with the students allocated to them for their entire stay. Every faculty member created rapport with the student mentee, encourage him/her to ask questions, attempt to clarify doubts and facilitate counseling on different issues (if/when required). A one to one relationship to focus on the mentee's holistic development was maintained. Mentor maintained the relation between the Parent and the Department faculty. Every mentor conducted two formal meetings (minimum) per month with their mentees (one in a group and one on a one to one basis). Details of all such meeting were documented in the Mentee sheets. The mentor recorded the details of each information of the mentee in the Mentee Sheet. It helped in effective mentoring. Mentors suggested corrective/remedial actions for problems faced by their mentees and include it in their successive monthly reports. Mentors were also focused on developing the following Employability Skills of their mentees and record/document academic progression: ? Continuous and lifelong learning orientation ? Communication Skills ? Attitude and Confidence ? Initiative and Enterprise ? Self Management Planning and Organizing ? General Awareness

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1108	128	1:9

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
128	128	Nil	16	15

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.V.Usha Shree	Principal	Suvarna Kankana from Sir C V Raman Academy on 1032019
2019	Mr.B.S.Shahid Ali	Associate Professor	"In Appreciation for Fostering an Eco System Bridging Government ,Industry and Academia" Awarded by DST (Department of Science and Technology) Texas Instrument Corporation On February2019
2018	Dr R.Ravikumar	Professor	Excellence teaching in higher education award2018 organized by IASTE (International Association Science and Technical Education).

2018	Mr G.Naveen	Associate Professor	Academic Leadership award 2019 organized by International Association of Research and development org(IARDO)
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	05	I	10/11/2018	25/01/2019
BTech	04	I	10/11/2018	25/01/2019
BTech	02	I	10/11/2018	25/01/2019
BTech	12	I	10/11/2018	25/01/2019
BTech	03	I	10/11/2018	25/01/2019
MBA	E0	I	17/11/2018	03/03/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As an affiliated institution of JNTUH, evaluation norms of the university were followed. The university has adopted major reform in evaluation by introducing Credit based grading system from the academic year 201819 and the institute has adopted the same. The college has adopted a method of assessing the academic Performance of the students on a continuous basis. Continuous assessment in theory subjects: As per the JNTUH regulations, the marks allotted for internal exams were 25 and to that of external exams were 75. In this Frame work, the college conducts the following components as part of internal exams. Objective Question Paper (10 marks). Multiple choice and fill in the blank questions are given by university. Descriptive Question Paper (10 marks). A set of two descriptive papers will be given by the concerned faculty to examination branch from which one will be selected. Blooms Taxonomy was followed while setting the internal exam question papers. Assignments (5 marks) comprise of class tests, written assignments, seminars and unit wise tests. Marks will be awarded for all the above activities and the average is taken as the assignment marks. PreFinal exams were conducted for I year students which serves as a prelude to the university end semester examination. Continuous assessment in practical subjects: For practical subjects, there shall be a continuous evaluation during the semester for 25 sectional marks and 50 end examination marks. To improve the outcome of laboratory work done in a semester, out of the 25 marks for internal, daytoday work in the laboratory shall be evaluated for 15 marks and internal examination for practical shall be evaluated for 10 marks conducted by the concerned laboratory teacher. In this regard, the faculty will do the evaluation of day to day performance of the student for every experiment which includes regularity, procedure, results, viva and promptness in submission of records and the marks obtained are recorded against each experiment in the student record. Continuous assessment in projects: As part of the internal

assessment of projects which were done in III IV years, college follows the following framework. Project Review Committee (PRC) was formed for every department consisting of Head of the Department, Project In charge and two senior faculty members to identify the projects. Students were formed into groups of 2 or 3. The groups collect the literature on a topic and review the literature and submit the title with objective, plan of action, for title approval to PRC. PRC assess and approves projects for each group. After obtaining the approval of the PRC the groups were allotted with a faculty member as their guide for the project and can start up the Project work. Review meetings were conducted for the continuous assessment in project Review1 covers abstract block diagram. Review2 covers implementation. Review3 covers final results with code. Grades will be given for all the reviews. The average of all is taken and internal marks for projects will be awarded.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar issued by the affiliating university forms the basis for designing college academic calendar which consists of commencement of Instruction, Mid exams, Guest Lectures, Seminars, Workshops, Sports and Cultural Activities, Last day of Instruction, Practical exams and End Semester exams of that Academic year. In a semester, there were two mid exams. Each of the tests consists of descriptive questions as well as Objective. The better of the two tests were considered for final internal assessment. As per the JNTUH regulations, the marks allotted for internal exams were 25 and to that of external exams were 75. The objective paper was for 10 marks and subjective paper was for 10 marks, with duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for subjective paper). Objective paper was set by the concerned faculty for 20 bits of - multiple choice questions, filling the blanks for the 10 marks. Subjective paper of each semester shall contain 4 full questions (two from each unit) of which, the student should answer 2 questions, each carrying 5 marks. First midterm examination shall be conducted for 2.5 units of syllabus and second midterm examination shall be conducted for remaining 2.5 units. 5 marks were allocated for Assignments. The total marks secured by the student in each midterm examination were evaluated for 25 marks, and the average of the two midterm examinations shall be taken as the final marks secured by each candidate. For practical subjects, there shall be a continuous evaluation during the semester for 25 internal marks and 50 end examination marks. Out of the 25 marks for internal, daytoday work in the laboratory shall be evaluated for 15 marks and internal examination for practical shall be evaluated for 10 marks conducted by the concerned laboratory teacher. The end examination shall be conducted with external examiner and laboratory teacher. The external examiner shall be appointed from colleges as decided by the University examination branch. Evaluation of mini projects and main projects is also under the purview of University. The midterm examination marks were to be uploaded to university in the stipulated time mentioned in the academic calendar. Lab external marks were to be uploaded to the university on the same day of completion of external exam. College should upload the internal marks of mini project, technical seminar, comprehensive viva and main project in the stipulated time given by University. University puts together internal marks and university semester end exams and declares the results.

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 in website of the institution (to provide the weblink)

<https://jbrec.edu.in/wp-content/uploads/2020/igac/ALL-POsPEOsPSOsCOs.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
5	BTech	CSE	88	55	62.5
4	BTech	ECE	80	55	68.75
2	BTech	EEE	39	22	56.41
12	BTech	IT	29	22	75.86
3	BTech	ME	83	56	67.46
E0	MBA	Marketing, Finance, HR	31	16	52
58	Mtech	CSE	Nil	Nil	0
54	Mtech	PEED	Nil	Nil	0
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://jbrec.edu.in/#https://docs.google.com/forms/d/e/1FAIpQLSeV5YxMbjmzAWQ9rOyOWKRRlifEUvHMh8hwWhAT1LaEPGONjQ/viewform>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	3	EDII	20000	20000
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Intellectual Property Rights	EEE, ECE, CSE, MECH, IT MBA	11/01/2019
Seminar on Innovations Intellectual Property Rights	EEE	14/09/2018
IP Management at early stage of innovation and startup	CSE	18/02/2019
Business techniques and successful startup from innovation	MECHANICAL	05/01/2019
Role of market research and its application for	MBA	28/12/2018

startup		
Launching a business plan and Patent Rights	ECE	17/08/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Hackathon	Dr.S.Sathish Kumar	National Institute of MSME, Hyderabad	14/10/2018	Hackathon
Hackathon	Dr.R.RaviKumar	National Institute of MSME, Hyderabad	14/10/2018	Hackathon
Hackathon	G.Naveen	National Institute of MSME, Hyderabad	14/10/2018	Hackathon
Hackathon	P.Rajendar	National Institute of MSME, Hyderabad	14/10/2018	Hackathon
Hackathon	Modala Dinesh Sagar	National Institute of MSME, Hyderabad	14/10/2018	Hackathon
Hackathon	S Karuna kumar	National Institute of MSME, Hyderabad	14/10/2018	Hackathon

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
IIC	Workshop	MHRD	Workshop on IPR	Campus	11/01/2019
Innovation Incubation Council	Leadership Talk	MHRD	India First Leadership Talk Series	Online	08/01/2019
IIC	Leadership Talk	MHRD	India First Leadership Talk Series2	Online	24/01/2019
IIC	Leadership Talk	MHRD	India First Leadership Talk Series3	Online	21/02/2019
IIC	Leadership Talk	MHRD	India First Leadership Talk Series4	Online	10/04/2019
IIC	Workshop	MHRD	Workshop on IPR	Online Campus	10/01/2019
IIC	Innovation	MHRD	Idea Competition	Campus	15/02/2019

IIC	Innovation	MHRD	Design Competition	Campus	01/04/2019
IIC	Innovation	MHRD	POC submission competition	Campus	15/05/2019
BRIIC	RD Projects	BRIISC	Project Competition	Best Project	16/04/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	10	15

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
ECE	1
CSE	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	EEE	8	4.1
International	CSE	12	4.2
International	ECE	15	5.8
International	MECH	5	4.3
International	SH	2	4.0
International	IT	2	4.2
International	MBA	10	4.0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
MBA	32
CSE	18
Humanities and Sciences	5
ECE	14
MECH	2
EEE	2
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in	Number of citations excluding self
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					the publication	citation
A critical Review on residual stresses in welded joints	N RENUKA	IJSRD	2018	3	JBREC	5
Impact of notch depth on the fatigue life of AISI 316L Austenitic stain less steel	N RENUKA	IRJET	2018	2	JBREC	4
synthesis, characterization of (1R)-1-(2-(4-(3-methyl-5-oxo-4-phenylhydrazono)-5-dihydro-1H-pyrazol-1-yl)phenoxy)acetamido)acetamide	Dr.D.Rajesh	Biomedical AND Pharmaceutical sciences	2019	5	JBREC	3
MATLAB Based Control of Active Power Exchange with Auxilliary Power Loop in a single phase Cascaded Multilevel Converter Based Energy Storage System	S.Ananth sai, R.Venkateswarlu	JETIR	2019	4	JBREC	4
Unified Power Factor Control	R.Venkateswarlu, S.Ananth sai	JETIR	2019	5	JBREC	3

System with Capacitive Bank						
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
An Advanced Control for the 3Phase NPC Converter Fed Electric Vehicle Charging Station	M.shasik anth, P.Rajendar	International Journal of Research	2018	3	2	JBREC
A Novel Enter Word Search With Nominated Tester And Timing Facilitate Exchange Re Cipher Text Role For Online Physical Clouds	Dr. M.GIRI	(IJITR) INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND RESEARCH	2018	4	2	JBREC
A secure automated signature generation and Identification of Harmful malware based on Traffic flow	Dr.M.giri, Dr.C.V.Madhusudan Reddy , M. Ravikumar	(JETIR) JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH	2018	5	3	JBREC
The Classified Checking With Cipher Text Grid Traffic In Portable Messaging	Dr.T.PRA BAKARAN, Dr. M.GIRI	IJITR	2018	6	3	JBREC

Applications						
Assorted Expressive CrossStand ard Based Hashing Scheme	Mr.CH. CHINA SUBBAREDDY	IJITR	2018	4	2	JBREC
Design and Development of creating Green Revolution using wireless water Harvesting Technique	Dr.V.Usha Shree, M.S rinvasarao	ETISEM	2018	3	2	JBREC
Coneptualisation of Centalized Schemes for Fault Management in Wireless Sensor Networks	Dr.V.Usha Shree, M.S rinvasarao	ICOCAC	2018	5	3	JBREC
A study on Memristor	SMKM Abbas Ahmed	ETISEM	2018	3	2	JBREC
Automatic Tellar Machine Security Management System using Whachdog Timer	M.Govindu	ETISEM	2018	3	2	JBREC
A Survey on Coneptualisation of RF Energy Harvesting	G.Srinivasu	ICOCAC	2018	5	3	JBREC
A Novel predictive control based Multi Input Multi	G.Naveen, P.Rajendar	International Journal of Research	2018	3	2	JBREC

Output Switched capacitor StepUp Converter						
Transformer less PV Inverter Based on Interleaving High Frequency Legs Providing Bidirectional Capacity with an extended Supply of Wind Energy	G.Naveen, P.Rajendar	International Journal of Research	2018	3	2	JBREC
A New Cascaded Three Port Converter Topology with Soft Switching and small Inductor Currents	G.Naveen, P.Rajendar	International Journal Magazine of Engineering Technology	2018	3	2	JBREC
Dynamic computational resource management technique for solving engineering problem	Dasari Govardhan	ELSEVIER	2018	5	13	JBREC
Hydrodynamics of a fish using fluid structure interaction	Dasari Govardhan	ELSEVIER	2018	5	15	JBREC
Operation Speculate On Epoxy Resin Reinforcement	L S Rao	JETIR	2018	3	7	JBREC

Of Aluminium Oxide And Silicon Carbide On Glass Fiber Laminate						
Experimental Study in micro machining of SS304 by using electric discharge machining	M.Ravi Kumar	ELSEVIER	2018	4	8	JBREC
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	23	11	103
Presented papers	35	25	25	16
Resource persons	Nil	15	13	15
No file uploaded.				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Road Safety Awareness Programme	JBREC	41	110
Accessible Elections	Govt. of Telangana	5	50
Let's Vote	JBREC	40	115
World AIDS Day	JBREC	41	102
National Youth Day	JBREC	23	125
National Voters Day	JBREC	45	95
PM Periksha pey Charcha	JBREC	41	101
Drug Free India	JBREC	36	111
Women Empowerment	JBREC	10	68
World Water Day	JBREC	40	110

NSS special Camp	Ministry of Youth Affairs	20	97
NSS orientation Programme	JBREC	24	96
Suicide Prevention Orientation Programme	BMC	28	120
Eco friendly Ganesh	JBREC	32	85
Kerala Flood Relief Camp	JBREC	35	98
Blood Donation Programme	JBREC	22	88
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Hackathon	Innovative ideas	National Institute of MSME, Hyderabad	8
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	NSS	Engineering day	32	85
Swachh Bharat	NSS	Plantation Programme	35	98
Swachh Bharat	NSS	Green run	22	88
Swachh Bharat	NSS	Blood donation camp	35	98
Swachh Bharat	NSS	Voters Enrollment Programme	45	95
Swachh Bharat	NSS	National Voters Day	41	101
Swachh Bharat	NSS	Awareness on Organ Donation	45	95
Swachh Bharat	NSS	SPECIAL CAMP PROGRAMME	10	68
Swachh Bharat	NSS	Drug Free India	40	110
Swachh Bharat	NSS	Women	20	97

		Empowerment		
Swachh Bharat	NSS	World Water Day	42	105
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Collaborative Research Project Under TEQIPIII	02	TEQIP3, JNTUH	12
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Collaborative Research Project Under TEQIPIII	Remote Health Monitoring	CMR College of Engineering Technology, Hyderabad	12/08/2019	31/12/2019	Dr.R.Ravi Kumar
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Entrepreneurship Development Institute of India (EDII) to conduct open learning programme in Entrepreneurship.	05/10/2018	Open Learning Program in Entrepreneurship	120
Virtual Labs	19/01/2019	Training Internship program for students	300
ICT Academy	12/11/2018	Technical FDP for faculty	100
Vedic School of VLSI Design	30/10/2018	Training, Seminars, Workshops for ECE students	55
BRIISC (Bhaskar Research Innovation Incubation Startup	09/01/2019	Innovation Incubation Activities	115

Council)			
Swatchh Bharath Internship Program	05/05/2018	Student summer Internship on swatch Bharath	25
Unnath Bharath Abhyan	03/01/2018	Project by Government of India	150
Registered with Micro, Small Medium Enterprises (MSME)ITFS, Govt.of India, Hyderabad	15/02/2019	Startups, Incubation Center	10
National Small Industries Corporation Ltd.,(NSIC) Technological Incubation Center (TIC), Govt of India, New Delhi	13/11/2018	Startups, Incubation Center	10
Institution Innovation Council under MHRD	15/11/2018	Awareness program regarding entrepreneurship, Innovation ideas to students	150
MOU with CISCO Academy for students training and certification. Conducted CLA and CLP training and certification program	16/11/2018	Training and Certification for students	150
MOU with Microchip Academy for students training and certification.	13/02/2019	Training Certification	20
MOU with Dell EMCC for student certification programme on Data Science and Big Data Analytics through ICT academy.	16/11/2018	Training and Certification	32
MOU with ABACUS Higher Education for conducting awareness programme on Foreign Higher Education.	05/11/2018	Higher Education Training Processing	12
MOU with E2Labs Information Security Pvt Ltd	26/10/2018	Training for students FDP on Cyber Security	56

IMPERIAL SOCIETY OF INNOVATIVE ENGINEERS (ISIE), EMobility Research Development and Skill Based Education Platform.	28/09/2018	For conducting Workshops, Certificate Courses, for ECE, EEE Mechanical Students	45
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
198.48	196.26

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Koha	Fully	18.05.07.000	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	51699	1514678	1513	453220	53212	1967898
Reference Books	5965	1789500	90	27000	6055	1816500
e-Books	13601	650000	Nill	Nill	13601	650000

Journals	Nil	Nil	91	290347	91	290347
e-Journals	Nil	Nil	189	531570	189	531570
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dasari Govardhan	Engineering Drawing	100 PINS	11/06/2018
Mr.G.Narayana	Data Communications and Computer Networks	MOODLE	09/07/2018
Mr.T.Seshagiri	Formal Languages and Automata Theory	100 PINS	16/07/2018
Mr.G.Naveen	Electro Magnetic Theory	100 PINS	25/06/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	0	0	0	0	0	0	0	0	0
Added	60	1	60	1	0	0	0	0	0
Total	60	1	60	1	0	0	0	0	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
C Language Fundamentals	https://www.youtube.com/watch?v=WByOOY4rYsM

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
66.4	58.7	67	58

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory,

library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Annual stock verification process was conducted during June 2019 to identify the current status and requirement for the next academic year. Obsolete items were removed and new equipment items were proposed.

<https://jbrec.edu.in/>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Financial support	30	1200000
Financial Support from Other Sources			
a) National	Government of Telangana, Students Reimbursement Scheme	761	26635000
b) International	NIL	Nil	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Remedial Coaching	01/08/2018	196	Joginpally BR Engineering College Bhaskar Nagar, Yenkapally, Moinabad,
Soft Skill Development	16/07/2018	242	Joginpally BR Engineering College Bhaskar Nagar, Yenkapally, Moinabad, RangaReddy, Hyderabad
Career Counseling	06/08/2018	242	Joginpally BR Engineering College Bhaskar Nagar, Yenkapally, Moinabad, RangaReddy, Hyderabad
Guidance for Competitive examinations	06/08/2018	200	Joginpally BR Engineering College Bhaskar Nagar, Yenkapally, Moinabad, RangaReddy, Hyderabad

Personal Counseling	10/09/2018	496	Joginpally BR Engineering College Bhaskar Nagar, Yenkapally, Moinabad,
Yoga Meditation	14/08/2018	386	Joginpally BR Engineering College Bhaskar Nagar, Yenkapally, Moinabad,
Language Lab	09/07/2018	268	Joginpally BR Engineering College Bhaskar Nagar, Yenkapally, Moinabad,

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	CRT/ Career Guidance	200	242	43	60
2019	CISCO CLA & CLP Certification Program	331	331	152	5

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
FISSION INFOTECH	30	5	TATA CONSULTING SERVICES	20	5

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	JBREC	CSE	UNIVERSITY OF HOUSTON	MS
2019	1	JBREC	CSE	UNIVERSITY OF CENTRAL MISSOURI	MS
2019	2	JBREC	CSE	University at Albany	MS
2019	1	JBREC	CSE	NYT UNIVERSITY	MS
2019	1	JBREC	CSE	Northeastern University	MS
2019	1	JBREC	CSE	NEWYORK STATE UNIVERSITY	MS
2019	1	JBREC	CSE	New Jersey Institute of Technology	MS
2019	2	JBREC	CSE	MONASH UNIVERSITY	MS
2019	1	JBREC	CSE	GANNON UNIVERISTY	MS
2019	1	JBREC	CSE	CALIFORNIA STATE UNIVERSITY	MS
2019	1	JBREC	IT	NYT UNIVERSITY, CANADA	MS
2019	1	JBREC	IT	University of Missouri - Kansas City	MS
2019	1	JBREC	CSE	GANNON UNIVERISTY	MS Computer Science
2019	1	JBREC	CSE	MONASH UNIVERSITY	MS Computer Science
2019	1	JBREC	CSE	UNIVERSITY OF HOUSTON	MS Computer Science
2019	1	JBREC	CSE	UNIVERSITY OF CENTRAL MISSOURI	MS Computer Science
2019	2	JBREC	ECE	University of HertFords	MS

				hire	
2019	3	JBREC	IT	MELBOURNE UNIVERSITY	MS
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
Any Other	35
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
BHASKAR MEMORIAL CUP 35	State	190
TALAASH(Cultural Activity) 35	State	185
SRINIVAS MEMORIAL CUP 35	State	72
AKHIL MEMORIAL CRICKET CUP 35	State	196
INXS (Cultural Activity) 35	State	196
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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)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	1st Place in 7TH NATIONAL LEVEL SPORTS FEST 2019 BY VJIT	National	1	Nil	15J21A1201	A. VARDHAN
2019	Got selected for the CHESS JNTUH TEAM SELECTIONS	National	1	Nil	15J21A1201	A. VARDHAN
2018	4th Place INLINE Hockey NAMWON, KOREA	International	1	Nil	18J21A0407	CH. ANIL KUMAR

2018	Silver Medal 5TH INTER DISTRICT ROLLER SKETING CHAMPIONSHIP 2018	National	1	Nil	18J21A0407	CH. ANIL KUMAR
2018	6th Place in 56TH NATIONAL ROLLER SKETING CHAMPIONSHIP 2018 (VIZAG)	National	1	Nil	18J21A0407	CH. ANIL KUMAR
2019	3rd Place in INTERENGG COLLEGES SPORTS FEST 2019 BY CVSR	National	1	Nil	15J21A1201	A. VARDHAN
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students represent in various committees such as Academic, co and extracurricular and sports at institution level and department level. College level committees: Students are members of different committees/cells such as Academic Council, IQAC, Minority cell, OBC cell, Grievance Redressal cell, technical clubs, transport committee, hostel committee and interacted with in charges in framing the procedures and execution of the activities. The Principal and Hods regularly interacted with class representatives and collected feedback on teaching learning process. Student Activity Centre conducted events such as National Festivals, International Women's Day, International Yoga Day, Sports Day, Teachers Day, Engineers Day, Fresher's Day, Youth Day, Voters Day, Farewell Party, World Literacy Day, World AIDS Day and Alumni Day etc. Student Activity Center organized cultural festivals like Intercollegiate Meet 'INXS', College Day 'Spoorthi', Bathukamma Sambaralu, Sankranti Sambaralu, etc. Sports: Students committee 2018 has organized the sports meet in the name of Bhaskar Sports Meet 27/3/2019. The student association plays a dominant role in many activities related to fine arts, sports and other extracurricular activities of the college. 250 Students participated in UNNAT BHARAT ABHIYAAN program. Under NSS activity 100 students adopted Yenkapally village and organized a camp of ten days in the month of March 2019. 50 students were participated in Web casting during General election Telangana State 2018. Department level: Each Department has a student committee namely PULSEECE, CYBORG CSE, INTAGLIOIT, VIDYUTHEEE under which various events like Hackathon, Nasa Space Center App, Workshops, Poster Presentation Painting on Empowerment of Villages through Technology and Project Expo. Student members are in the following associations IEEE, IETE, ISTE, CSI and Alumni.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, In 2018. Number of students registered is 100. In 2019 Number of students registered is 322. To foster cooperation and fellowship among its members. To participate in activities contributing to improvement of infrastructure academic activities of JBREC. To promote the academic and professional development of members through activities, courses, seminars, conferences and any other activities as the association may decide to organize. To institute prizes and scholarships to students for merit and financial aid to the poor and deserving students of JBREC. To communicate the activities of the institution and alumni. To offer benefits to its members and seek ways of advancing their interests and to contribute to the economic development of the country, through the dissemination of new concept in science and technology , advance management techniques and other useful information. To network with other similar organizations or societies and industry for the furtherance of education and training. Any other activities that the association may decide from time to time. Alumni network has a real life benefit for current students. Alumni also donate their valuable time to offer career support to current students. This enhances the students' experience and gives them that competitive edge in todays tough job market. Career opportunities and networking events are two of the biggest reasons to join. ... Expand Your Skills Access to a Career Services organization is essential, especially when youre just starting out. These associations assist alumni through workshops, webinars, professional job databases and career coaching. High levels of alumni participation can inspire major donors, corporations, and foundations to increase their own support. People and organizations want to invest in successful institutions that others are supporting too.

5.4.2 – No. of enrolled Alumni:

322

5.4.3 – Alumni contribution during the year (in Rupees) :

128800

5.4.4 – Meetings/activities organized by Alumni Association :

This year the Alumni meet was conducted on 25082018 at JBREC Seminar Hall. The inaugural session was attended by the CEO, the Principal, Vice Principal, HODs and the senior Faculty Members of all the departments. • Mr. R.Durgagopal, President of the JBREC Alumni Association welcomed the gathered Alumni and all the invitees. • Mr. Mahesh, General Secretary of the JBREC Alumni Association presented the annual report of the association. • Chief Guest Sri Tara Sai kumar, Secretary, IEEE Education Society, IEEE Hyderabad Section, Telangana State. He is an alumnae of JBREC, 3rd batch, 20042008. • Our Alumni Association was registered as "JBREC Alumni Association" with Registration Number 984/2018 from the state of Telangana. It is governed by an elected body of members, which consists of a president, a vicepresident, a secretary, a Treasurer and 7 office bearers. Election is conducted during the annual general body meeting. • Every year the outgoing students are added to the alumni. More than 200 active members are present in the group. • JBREC Alumni Association organizes Alumni Meet every year in the second week of August. This event acts as a platform for the Alumni to gather at the college and meet their friends and faculty. • Association has a Joint account operable by the secretary and the treasurer in the name of "Sphoorthy" at Syndicate Bank, Moinabad Branch, Moinabad. • JBREC Alumni visits the college campus regularly to enlighten their juniors with the knowledge and experience they have acquired. • JBREC Alumni share valuable information regarding higher studies and job opportunities. • JBREC Alumni

helped in the placement process and delivered Guest Lectures on Recent Trends in the Industry.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

A) Decentralization: Institute delegates operational autonomy at various levels

i. Principal Level: In order to fulfill the vision and mission of the institute, the Governing Body of the institution delegates the academic and operational autonomy to the Academic Monitoring Committee headed by the Principal. Academic Monitoring Committee formulated the working procedures and implemented with the help of faculty members.

ii. HOD level: As the HOD is the overall in charge of functioning of the academic system they monitored the delivery of course, designed corrective measures whenever and wherever necessary. Head of the department conducted meeting with the faculty before commencement of the semester, in which subject allocations are made, identifies course in charges and class in charges.

iii. Faculty Level: As Faculty members were in various committees of the college and conducted various programs which helped to develop their leadership skills. They were involved to conduct industrial tours and to have tieup with industry experts for real time exposure. Senior faculty members were appointed as coordinator/convenor for organizing seminars/workshops/conferences/FDPs. Other units of the institute like sports, library, store etc., have operational autonomy under the guidance of the respective committee head and the Principal in day to day operations.

B) Participative management: The institute promotes a culture of participative management by involving the staff and students in various activities. Both students and faculties allowed expressing themselves of any suggestions to improve the excellence in any aspect of the Institute.

i. Strategic Level: The Principal, academic coordinator and staff members are involved in defining the policies and procedures, framing guidelines and rules regulations pertaining to admission, placement, discipline, grievance, counseling, training development, and library services etc., and effectively implementing the same to ensure smooth and systematic functioning of the institute.

- Staff members are involved in deciding the academic activities such as lesson plan, course plan course objectives and outcomes, internal examinations and practice tests.
- For the other programs to be conducted by the institute all the staff members frequently discussed, shared their opinion and plan for the event and form various committees involving students and coordinate with others.

ii. Functional Level: At functional level the faculty members participate in sharing the knowledge by discussing on the latest trends in technology during faculty meeting. Faculty members also write joint research papers and share their knowledge. Staff members are involved in preparation of annual budget of the institute. They also correspond with the University and AICTE.

iii. Operational level: The Principal of the institution as the member secretary suggests and monitors the procurement, introduction of new programs and welfare activities.

- The Principal of the institution is responsible for academic, nonacademic and administrative activities of the institution. On behalf of the institution, he interacted and corresponded with AICTE, JNTUH, Govt. of Telangana, UGC,

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<p>Joginpally B.R Engineering College is affiliated to Jawaharlal Nehru Technological University Hyderabad, Telangana. The curriculum of the college is in line with that of the affiliating university. The college organizes workshops, and guest lecturers to encourage industryacademia interface among students and faculty members on a regular basis. Industrial visits are arranged for the students to be familiar with the industry process to study in the curriculum. The institute also encourages getting MOU with the industries for better training in core fields and bridging the gap between institution and industry.</p>
Teaching and Learning	<ul style="list-style-type: none"> • Teaching Learning Process is at most important process for any educational Institution and in our Institution it is given special emphasis so as our teachers perform holistically well in class room right from delivering lecture to having good command over the class. • Mentoring, tutoring, counselling, remedial classes, and sponsorships are provided to students from disadvantaged sections, those who are differently abled and those with special needs. • Care is taken to create a healthy environment which fosters human and academic excellence, and to ensure that the inherent talents, innovative ideas and creativity of students are nurtured through various activities and programmes. • Teachers are encouraged to use more modern and revolutionary methods that foster greater student interaction and enable the teacher to teach and also remain engaging such as power point presentations, field visits and applied extension activities. • Conducted FDP Programs ,Workshops, International Conference for the Faculty and Students. Micro teaching activities are conducted and the candidate is asked to improve in aspects where exactly he is lagging behind through his teaching Videos. • Class Room Management with energy packed session by adopting various models on teaching are being practised such as a) ChalkTalkWalk b) AIR (ActionsInteraction and Reactions) c) Situation/Case Based Methodology

d) Practical Based (Assembly/Disassembling) e) 2Way Approach (StudentTeacher Teacher Student) • To Upgrade the Knowledge, Management is encouraging to attend workshops, seminars and Present the papers at various levels.

Examination and Evaluation

The academic calendar issued by the affiliating university forms the basis for designing college academic calendar. In a semester, there are two tests and two assignments. Each of the tests consists of descriptive questions as well as Objective. The better of the two tests is considered for final internal assessment. As per the JNTUH regulations, the marks allotted internal exams are 25 and to that of external exams are 75. The objective paper is for 10 marks and subjective paper is for 10 marks, with duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for subjective paper). Objective paper is set by the university for 20 bits of multiple choice questions, filling the blanks for the 10 marks. Subjective paper of each semester shall contain 4 full questions (one from each unit) of which, the student should answer 2 questions, each carrying 5 marks. First midterm examination shall be conducted for 2.5 units of syllabus second midterm examination shall be conducted for remaining 2.5 units. 5 marks are allocated for Assignments (as specified by the concerned subject teacher) first Assignment should be submitted before the conduction of the first mid, and the second should be submitted before the conduct of the second mid. The total marks secured by the student in each midterm examination are evaluated for 25 marks, and the average of the two midterm examinations shall be taken as the final marks secured by each candidate. For practical subjects, there shall be a continuous evaluation during the semester for 25 sectional marks and 50 end examination marks. Out of the 25 marks for internal, daytoday work in the laboratory shall be evaluated for 15 marks and internal examination for practical shall be evaluated for 10 marks conducted by the concerned laboratory teacher. The end examination shall be conducted with external examiner and laboratory

teacher. The external examiner shall be appointed from colleges as decided by the University examination branch. Evaluation of mini projects and main projects is also under the purview of University. The midterm examination marks are to be uploaded to university in the stipulated time mentioned in the academic calendar. Lab external marks are to be uploaded to the university on the same day of completion of external exam. College should upload the internal marks of mini project, technical seminar, comprehensive viva and main project in the stipulated time given by University. University puts together internal marks and university semester end exams and declares the results.

Research and Development

- Faculty members are encouraged to pursue research by providing them the facilities like individual system, WiFi connection, digital library, equipments and laboratory. Faculties are encouraged and allowed to avail on duty leave to attend the seminars, research activities etc.
- Most of the faculties publish research articles in National International Journals. Institute encourages faculty as well as students by allowing them to present their papers inside and outside countries. Institute encourages innovation among students by providing them incubation facilities. The college has identified following areas in its various departments for achieving excellence in Research Development.

Library, ICT and Physical Infrastructure / Instrumentation

Library:

- The IQAC monitors the regular updating of library resources. The new comers, both staff and students were given an orientation on effective use of library
- Feedback was taken from students and staff and suggestions were put forward to resources. Ample support facilities are made available for the library to improve library services.
- Class rooms, tutorials rooms, seminar halls, laboratories pertaining each department are enabled with ICT tools.

Physical infrastructure/instrumentation:

- The campus manager is monitoring the maintenance of academic infrastructure and other facilities
- The green ambience of the campus is maintained by the campus office In addition to the

space, infrastructure and other required facilities, additional space, infrastructure is provided to expand Library to cater needs of more number of students.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	<p>The Administration of the College is functions with Egovernance system at Government, Society and College level. Even though the college is established in Moinabad which is cover under Ranga Reddy district still the college tries their best to keep in touch with latest tools of administration with available tools in hand. With the help of developed technological world college staff uses the same for administration purpose. Such as use of Smartphone with inbuilt social app like Gmail and WhatsApp they share the notes to students. It helps to provide the brief notice of any event to be happened on college WhatsApp Group for awareness and of smooth functioning of the same. The college has Biometric attendance for teaching and nonteaching staff. The college campus equipped with CCTV Cameras at very place of need.</p>
Examination	<p>The College has the separate Examination department with equipped Software tools necessary for examination purpose. As per the requirement of Examination department all the necessary equipments are provided by the college such as Separate Desktop and Internet Facility for online procedure of Paper Downloading and further activities for exam purpose. The examination department has the separate Machine for printing the question papers downloaded from university portal.</p>
Finance and Accounts	<p>The college uses the software for Egovernance for transparent functioning of Finance and Accounts department of the college. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The college conducts regular audit of annual books of accounts. The administrative office keeps the all financial records separately as per the events and transactions made for. The administrative office maintains the Books of Accounts properly which helps</p>

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	P.Rajendar	Opportunities and Scope Of Data Analysis, JBREC	JBREC	2000
2018	P.Rajendar	Green Energy Initiatives, JBREC	JBREC	2000
2018	P.Rajendar	Life Skills, JBREC	JBREC	2000
2018	P.Rajendar	Impact of Autonomy in Higher Educational Institutions, JBREC	JBREC	2000
2018	P.Rajendar	An Advanced Control for the 3Phase NPC Converter Fed Electric Vehicle Charging Station	JBREC	2000
2018	P.Rajendar	A Novel predictive control based Multi Input Multi Output Switched capacitor StepUp Converter	JBREC	2000
2018	P.Rajendar	A Novel Hybrid Energy Source Based Unified Power Quality Conditioner with Effective Coordinate control	JBREC	2500
2018	P.Rajendar	Transformer less PV Inverter Based on Interleaving	JBREC	2500

		High Frequency Legs Providing Bidirectional Capacity with an Extended Supply of Wind Energy		
2018	P.Rajendar	A New Cascaded Three Port Converter Topology with Soft Switching and small Inductor Currents	JBREC	2500
2018	Dr D.RAJESH	DSTNIMAT Entr epreneurship awarenesss, JBREC	JBREC	2500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	IEEE inaugural Function	IEEE Awareness Programme	21/07/2018	21/07/2018	33	10
2018	Entrepreneurship Awareness Camp	Entrepreneurship Awareness Camp	01/11/2018	03/11/2018	125	10
2019	Intellectual Property Rights	Awareness on IPR	10/01/2019	10/01/2019	20	2
2019	Master stroke	NA	26/02/2019	26/02/2019	28	2
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on Effective Teaching	16	03/07/2018	05/07/2018	3

Methodologies				
FDP on Introduction to AutoDesk Fusion 360	7	13/09/2018	18/09/2018	6
FDP on Introduction to AutoCad/AutoDesk	7	27/06/2018	28/06/2018	2
FDP on Cyber Security and Malware Analysis, Indian Servers	2	04/09/2018	07/09/2018	4
Orientation Programme/ Student Induction Programme	2	09/05/2019	11/05/2019	3
FDP on Pedagogy for Online and Blender Teaching Learning Process	9	13/09/2018	18/10/2018	30
FDP on DSTNIMAT Enterprenurship Awareness Programme	5	03/07/2018	05/07/2018	3
FDP on Green Energy Initiatives	4	04/09/2018	07/09/2018	4
FDP on Leadership and Research Challenges for Professional Women	1	26/06/2018	30/06/2018	5
Workshop on Impact on Autonomy in Higher Educational Institutions	1	27/07/2018	28/08/2018	2
Workshop on Oppurtunity and Scope of Data Analysis	1	31/07/2018	31/07/2018	1

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
128	128	48	48

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> Free Medical Testing and treatment A/c vehicle is provided to the Deans, HODs, Senior Faculty members from their residence to the Institution Group Medical Insurance, Free Medical Testing and treatment, Transport at Subsidiary Charges Free Transport for select faculty members. Regular increment and periodic pay revision for faculty staff 	<ul style="list-style-type: none"> Free Medical Testing and treatment, Transport at Subsidiary Charges 	<ul style="list-style-type: none"> Group Medical Insurance, Free Medical Testing and treatment

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal Audit was conducted by the officials of head office of the society periodically and the reports were obtained. The external audit is done by the Statutory Auditor. During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidences wherever inadequate in respect of payments, compliances of T.D.S. and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. The copy of the internal audit report covering all matters related to maintenance of accounts is preserved. Subsequently, External Statutory Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management. The consolidation of the findings of the Institutions with head office has been completed and the annual returns have been submitted to Income tax Authorities, Registrar of Societies, Telangana and to the other relevant authorities concerned.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NA
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6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

Audit Type	External	Internal

	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JNTUH	Yes	IQAC
Administrative	Yes	JNTUH	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

• Periodic Parent Teacher meetings department wise is conducted at the institution. The Parents, Students, Faculty come together to discuss the common issues and specific issues which are recorded and action taken report of the previous meetings are presented. This system serves as a platform for Continuous quality improvement in all aspects of the institution. • Parents are consulted on the possibility of their contributions to the, infrastructure development, well being etc.

6.5.3 – Development programmes for support staff (at least three)

• Hands on exercise on computer tools for documentation • Soft Skills Training program • Training programme on spoken English • Personality development programme

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Virtual Labs: Virtual Labs is an Initiative of Ministry of Human Resource Development (MHRD), Government of India. As part of this programme, JBREC was collaborated with IIIT Hyderabad to access their labs virtually in our campus. The Virtual lab workshop was conducted for 166 CSE students and executed 2089 experiments in the courses like Software Engineering Lab and Problem Solving Lab. The Department of IT was conducted virtual lab workshop for 88 students and executed 502 experiments in the courses like Data Structures Lab and Computer Organization Lab. The Department of EEE was conducted virtual lab workshop for 67 students and executed 981 experiments in the courses like Electrical Machines Lab and Real Time Embedded Systems Lab. The Department of Mechanical Engineering was conducted virtual lab workshop for 30 students and executed 552 experiments in the courses like Mechanisms and Robotics Lab and CAD Laboratory. The students utilized this opportunity for developing technical knowledge through remote experimentation. 2. IIT Bombay Spoken Tutorial: JBREC registered with IIT Bombay Spoken Tutorial programme in the academic year 201819. The main objective of this programme is to provide online certification courses to students. 280 students of CSE, 124 students of ECE, 93 students of EEE, 40 students of Mechanical Engineering and 68 students of IT were registered for IIT Bombay Spoken Tutorial Online courses and they got participation certificates as well as course clearance certificates. 3. Modular ObjectOriented Dynamic Learning Environment (MOODLE): JBREC initiated Moodle cloud programme in the academic year 201819. It is an open source learning platform. As part of this programme, 23 CSE faculty members who were handling various subjects were uploaded Lecture notes, Assignments and Previous university question papers in moodle cloud site. 310 students from CSE department were enrolled as participants to access the contents. From ECE department, 21 faculty members were registered and uploaded their course materials and 216 students accessed those materials. From IT department, 10 faculty members were registered and uploaded their course materials and 95 students accessed those materials. From EEE department, 15 faculty members were registered and uploaded their course materials and 80 students accessed those materials. From Mechanical department, 16 faculty members were registered and uploaded their course materials and 132 students accessed those materials. From MBA department, 9 faculty members were registered and uploaded their course materials and 72 students accessed those materials.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	FDP	04/06/2018	03/07/2018	05/07/2018	16
2018	FDP	04/06/2018	04/09/2018	07/09/2018	2
2018	Workshop	04/06/2018	27/08/2018	28/08/2018	10
2018	FDP	04/09/2018	13/09/2018	18/10/2018	9
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Seminar on Women harassment Conducted by Women Empowerment Cell	28/09/2018	28/09/2018	20	20
Traditional Day Conducted by Women Empowerment Cell	08/03/2019	08/03/2019	25	20
Open Talk on Gender Issues Conducted by Women Empowerment Cell	21/01/2019	21/01/2019	15	20

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
power requirements met by the renewable energy resources 10 Total power requirements 244604 kwh/year Renewable energy resources Solar Renewable energy generated and used 100kw and 10kw Energy supplied to the grid No

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	35

Ramp/Rails	Yes	100
Rest Rooms	Yes	80
Scribes for examination	Yes	10

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	2	30	01/10/2018	6	Blood Donation Programme	Importance of Blood Donation	75
2018	2	25	10/09/2018	6	Suicide Prevention Orientation Programme	awareness Suicide Prevention	100
2018	2	15	12/09/2018	6	Clay Ganesh Preparation Bucket Ganesh Nimarjan	Bio degradable	75
2018	2	55	22/11/2018	6	Road Safety Awareness Rally	Accident preventive steps	200
2018	30	30	01/12/2018	5	World AIDS Day	Increase Awareness	120
2019	2	25	25/01/2019	6	National Voters Day	Mandatory voting system	300
2019	2	50	22/03/2019	3	World water day	Understanding the importance of water	120

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	11/06/2018	Students are subject to rules of conduct and behavior framed by the authorities of the College. College working

hours are: 9.00 am to 12.30. pm, 1.00 pm to 4 pm. The College discourages use of soft drinks. Wholesome food and drinks are available in the College Canteen, Cafeteria and the Hostel. Internal assessment is part of the evaluation. Please check the marks displayed on the notice board and bring any discrepancy to the notice of the Dean or HOD immediately. Change is no possible later.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Kerala Flood Relief Camp	12/09/2018	12/09/2018	42
Eco friendly Ganesh	12/09/2018	12/09/2018	61
World Water Day	22/03/2019	22/03/2019	60
Women Empowerment	08/03/2019	08/03/2019	75
Drug Free India	19/02/2019	19/02/2019	82
National Voters Day	25/01/2019	25/01/2019	50
National Youth Day	12/01/2019	12/01/2019	83
World AIDS Day	01/12/2018	01/12/2018	54
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Waste water management / rain water harvesting for recycling and effective usage of water: The Institution implemented an ultramodern modular advanced waste water treatment facility to recover the treated waste water for the use purpose. 2. A blue print is ready to implement the rain water harvesting systems on the campus for water collection and use during summer seasons for gardening and other nondomestic purposes. 3. Promoted the paperless office by using Whatsapp and email effectively. We emphasized a less paper office to reduce the burden of wastage on the campus as well as in the administration. JBREC used a customized Data Base Management System for student admission, academics, evaluation, HR management and Finance. 4. Organized an awareness Camp on Eco friendly Ganesha 5. The Institution initiated to make the campus smart by providing solar panels, solar lighting system for the entire campus including the buildings. 6. Tree plantation improved the green cover of the institution by 10. The greenery on the campus is also getting expanded by horticultural and ornamental plants. 7. Polythene bags usage reduced by 20 in the campus 8. Digital library /E learning center and usage of LEDs in place of CFL for power saving improved the image of ecofriendly campus. Due to all the above efforts, the entire campus is more greener, looks beautiful and pollution free campus providing ideal environs for students and the employees to work

with.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Life Skills and Campus Recruitment Training (CRT): This Programme was intended for the purpose of Introduction, Implementation of Life Skills and Employability Skills training for students in the main stream four year under graduation courses. a. The main objective of CRT was to improve the academic standards and to provide all the academic facilities to the students based on today's need of the Software industry/hardware Industry into which the students enter after they complete the course. The purpose of the Training and Placement is to guide students to choose right career and to give knowledge. 2. Outcome Based Education: ? To focus classroom instruction on the accomplishments i.e. skills/competencies those students must demonstrate when they exit. ? To provide instruction in order to enable students to understand the interrelationships among the social and cultural bases of human behavior. ? To equip students with knowledge of research methods appropriate to investigations in engineering and socio cultural settings. ? To provide students with sufficient opportunities to practice using the new knowledge and skills that they gain. 3. Empowerment of Students and Teachers through Synchronous Asynchronous Instructions: An important initiative has been taken by IIT Bombay and IIT Kharagpur to work with Engineering Colleges in the country to enhance the teaching skills of faculty colleagues in core Engineering and Science subjects through NPTEL, NMEICT, Spoken Tutorial, Virtual Labs. Two week ISTE workshops are conducted during the vacation periods in summer and winter. The lecture transmission and live interaction takes place in distance mode using the AVIEW technology through internet, at the selected remote centers across the country, for each workshop, there will be a faculty to be assigned as workshop coordinator for that subject, who will help in conducting laboratories and tutorials at each center. ? Nearly more than 300 students got certificates in various courses through IIT Bombay Spoken Tutorial. ? 25 Faculty got certificates through NPTEL Courses. ? Though Virtual Labs 11 Programmes were organized and 351 students got benefited. ? This will be helpful for students to get placement, develop technical knowledge in advanced concepts and acquire innovative skills, through remote experimentation using various tools like web resources, video lectures and animated demonstrations. ? The students from various departments participated and executed many experiments successfully in the academic year 201819.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://jbrec.edu.in/wp-content/uploads/2019/10/Distinctiveness-of-the-Institute.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Life Skills is one of our distinctive areas in achieving the vision of the institution. The Programme was intended for implementation of Life Skills and Employability Skills training for students of four year under graduation courses. The main objective of the LIFE SKILLS was to transform the students by adapting a structured implementation strategy using experiential learning methodology, NLP techniques, Training and principles of Coaching for imparting life skills behavioral competencies. Life skills education is an effective psychosocial intervention strategy for promoting positive social and mental health of adolescents which plays an important role in all aspects such as

strengthening coping strategies and developing self confidence and emotional intelligence. We dealt the following Skills 1. Self awareness, 2. Critical thinking, 3. Creative thinking, 4. Decision making, 5. Problem Solving, 6. Effective communication, 7. Interpersonal relationship, 8. Empathy, 9. Coping with stress, 10. Coping with emotion in the class room. The activities were tailored to the requirement of our students. Different activities such as Classroom Discussions, Brainstorming, Role Plays, Groups, Educational Games and Simulations, Analysis of Situation and Case Studies, Story Telling and Debates were used. These programs helped our students in motivating, providing practical, cognitive, emotional and social and self management skills for life adjustments. These skills provided the confidence in facing the interviews and improved the chances of placement. Life skills embedded with employability skill improved the placements and higher education aspirations. Thus, integrated life skills in the regular curriculum enhanced the mental health of students, equipped them with better adapted skills to face the challenges of changing life situations and empowered them to become fully functioning contributors to the society in general and our vision in particular.

Provide the weblink of the institution

<https://jbrec.edu.in/wp-content/uploads/2019/10/Distinctiveness-of-the-Institute.pdf>

8.Future Plans of Actions for Next Academic Year

1. Student centric: a. To perform regular academic audits for improving the student's success rate in university exams and placements. Improving the pass percentage by taking extra classes for slow learners b. Implementation of Life Skills Program for achieving better employability. c. To strengthen student participation in outreach programmes. d. To sign more MOUs with industries for strengthening industry sponsored projects, internship and training of students.

2. Faculty centric: a. To develop research culture and motivate faculty for pursue Ph.D and to publish research papers. b. To enhance collaborative research among the departments and to take initiative for interinstitutional collaboration and to take up consultancy projects. Educational and Social research project will be taken into consideration. c. Effective utilization of ICT facility for enhancing Teaching Learning process. d. To conduct greater numbers of seminars and workshops of National and International importance at our campus.

3. Infrastructure centric: a. RFID enabled attendance system Identity Card for students. b. Digital Notice Board for interactive / realtime publication of emergency notices information to the students. c. To enhance the number of smart class rooms in the academic departments

4. Administrative centric : a. To introduce fully ebased system for different administrative processes like, admission, etc b. To strengthen the liaison among the stakeholders like, students, teachers, parents, employers etc.,