



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		J. B. INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution		Dr. S.Sudhakara Reddy
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08413235127
Mobile no.		8008884683
Registered Email		principal@jbiet.edu.in
Alternate Email		iqac@jbiet.edu.in
Address		Bhaskar Nagar, Yenkapally, Moinabad, R.R. District
City/Town		Hyderabad
State/UT		Telangana
Pincode		500075

2. Institutional Status					
Autonomous Status (Provide date of Conformant of Autonomous Status)			19-Jun-2014		
Type of Institution			Co-education		
Location			Rural		
Financial Status			Self financed		
Name of the IQAC co-ordinator/Director			Dr Sumagna Patnaik		
Phone no/Alternate Phone no.			08413235127		
Mobile no.			9440724856		
Registered Email			iqac@jbiet.edu.in		
Alternate Email			hodmca@jbiet.edu.in		
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)			https://www.jbiet.edu.in/pdf/fls/AQAR_2018-19.pdf		
4. Whether Academic Calendar prepared during the year			Yes		
if yes,whether it is uploaded in the institutional website: Weblink :			http://www.jbiet.edu.in/category.php?mnlnks=13&catid=33		
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	B	2.55	2016	17-Mar-2016	16-Mar-2021
6. Date of Establishment of IQAC			12-Jan-2009		
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		

1. Innovative Teaching Learning practices	16-Jul-2019 1	128
Academic and Administrative Audit	24-Jul-2019 1	57
3 To Improve Research, Innovation, entrepreneurship & startup & Inter-disciplinary research	03-Sep-2019 2	23
4. Practice of Effective English Communication Skills	23-Sep-2019 1	153
5. Implementation of OBE	24-Sep-2019 1	119
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8. Provide the list of Special Status conferred 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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

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)

- JBIET is registered as National Digital Library Club under National Digital Library of India issued by Ministry of Human Resource Development, Govt. of India
- JBIET applied for Clean Smart Campus Award and received Certificate of Appreciation for AICTE Clean Smart Campus Award 2019
- JBIET got the Quarter1 score 24.99/25 in IIC. MHRD Innovation Cell
- JBIET is recognized as National

Programme on Technology Enhanced Learning (NPTEL) Local Chapter • NBASAR application submitted awaiting for peer team visit • UGC Autonomous Extension Application submitted and waiting for Inspection

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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	Achievements/Outcomes
NSS students participated in 50 Years celebrations of NSS, JNTUH as part of NSS Golden Jubilee Celebrations	NSS Students of JBIET got 2nd Prize in Exhibition on 50 Years celebrations of NSS, JNTUH as part of NSS Golden Jubilee Celebrations from Ministry of Youth Affairs Sports
IIC (Institute Innovation Council) organized and uploaded the details of IIC activities, MIC activities and Self-driven activities. Students participated in Idea Context.	JBIET got the Quarter-1 score 24.99/25 and Quarter-II score 42.47/50 in IIC. MHRD Innovation Cell
Conducted Orientation Day for B. Tech Freshers and Lateral Entry Students,	Lateral entry students were appreciated for such type of Orientation Programme
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14. Whether AQAR was placed before statutory body ?

No

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

11-Mar-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)

Administration Finance Accounts Student Admission Support Examination System Attendance Module Library Module Time Table Module Finance Module (Partially) Reports Module

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
Nil	Nil	Nil	Nil
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Civil Engineering 01	Nil	F4101	15/07/2019
BTech	Electrical and Electronics Engineering 02	Nil	F4101	15/07/2019
BTech	Mechanical Engineering 03	Nil	F4101	15/07/2019
BTech	Electronics and Communication Engineering 04	Nil	F4101	15/07/2019
BTech	Computer Science and Engineering 05	Nil	F4101	15/07/2019
BTech	Information Technology 12	Nil	F4101	15/07/2019
BTech	Electronics and Computer Engineering 19	Nil	F4101	15/07/2019
BTech	Mining Engineering 25	Nil	F4101	15/07/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	11/11/2019
BTech	CSE	18/11/2019
BTech	ECE	14/11/2019

BTech	EEE	14/11/2019
BTech	IT	18/11/2019
BTech	MECH	11/11/2019
BTech	ECM	14/11/2019
BTech	MINING	13/11/2019
Mtech	CSE	18/11/2019
Mtech	EPS	14/11/2019
Mtech	VLSI	14/11/2019
Mtech	CAD/CAM	11/11/2019
MBA	MBA	14/11/2019
MCA	MCA	18/11/2019

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
Structural Detailing and Drawing (Steel Structure)	24/06/2019	98
Advanced Surveying Camp	24/06/2019	98
Structural Detailing And Drawing	24/06/2019	98
Testing of Electric Devices	24/06/2019	78
Recent revolutions in Mechanical Engineering	24/06/2019	60
Design Approaches for FrontEnd VLSI Design	24/06/2019	121
Python For Scientific Computing And Tensor Flow	24/06/2019	30
Internet of Things	24/06/2019	30
Data Science Big data Analytics	24/06/2019	38
Workshop on Game Development	24/06/2019	45
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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	CIVIL	101
BTech	CSE	239
BTech	ECE	193
BTech	EEE	176
BTech	IT	116

BTech	MECH	114
BTech	ECM	79
BTech	MINING	1
Mtech	EPS	11
Mtech	CSE	8
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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	No

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

Feedback Obtained

Consolidated Feedback and Action taken introduced in the Academic Year 2019-20: Consolidated Action taken report on feedback of stake holders on curriculum for all the departments have been collected and consolidated i.e. Faculty, Students, Alumni and Employers feedback. All the stake holders have given their feedback and opinion on the curriculum improvements. The stake holders opined that the following curricular modifications have to be carried out in R20 Regulations.

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
Mtech	COMPUTER SCIENCE ENGINEERING	18	56	5
MBA	MBA	60	186	38
BTech	MINING ENGINEERING	60	353	5
BTech	ELECTRONICS AND COMPUTER ENGINEERING	60	412	45
BTech	INFORMATION TECHNOLOGY	60	698	51
BTech	COMPUTER SCIENCE ENGINEERING	120	1320	105
BTech	ELECTRONICS AND COMMUNICATION	120	1132	100

	ENGINEERING			
BTech	MECHANICAL ENGINEERING	120	526	72
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	120	623	72
BTech	CIVIL ENGINEERING	120	715	74
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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
2019	2189	210	160	35	20

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
195	195	9	59	5	10
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Student mentoring system exists in JBIET. Every teacher was given 18 students to mentor. One mentor book is created once student enters in First year and this mentor books records all mentoring activities like Counselling, Parent interactions, suggestion and advises on attendance and performance, Mentors keep in touch with students and parents with mobiles and emails as well. Every mentor assigns a meeting hour for his mentee every week.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2399	195	1:12

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
195	195	Nil	Nil	33

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	Designation	Name of the award, fellowship, received from
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	state level, national level, international level		Government or recognized bodies
2019	Mr. Rajesh Pershad	Assistant Professor	Mr. Rajesh Pershad got selected for " I STAND FOR THE NATION AWARD" is going to honor
2019	Dr. P., Divakara Rao	Professor	27th Business School Affaire Dewang Mehta National Education Awards on Best Prof. in Mechanical Engineering Studies to Prof. P.Divakara Rao
2019	Dr. P., Divakara Rao	Professor	Received certificate of appreciation from Institute Innovation Council (IIC), MHRD Innovation Cell
2019	Dr. Niraj Upadhyaya	Professor	Received certificate of appreciation from Institute Innovation Council (IIC), MHRD Innovation Cell
2019	Dr. G. Saidulu	Assistant Professor	Received 1st prize in poster presentation (1000/- cash prize) in a National seminar on Recent Advances in Chemical Science organized by Govt Degree College, Wanaparthi, Palamuru University
2019	Dr. N. Naveenkumar	Associate Professor	Received certificate of Appreciation as SPOC for SWAYAM -NPTEL Local Chapter
2019	Mr. Rajesh Pershad	Assistant Professor	Received SEVA- RATNA Award for excellence received from O.Y.S.T.E.R
2019	Dr. Durai Pandi	Associate Professor	Has become MHRD Institute

			Innovation Council Ambassador to promote and inculcate Innovation among Faculty students
2019	Dr.G. Apparao Naidu	Professor	Received Lifetime Achievement Award presented to by IJEMR-ELSEVIER SSRN RESEARCH AWARDS-2020 Organized by International Journal for Innovative Engineering Management Research
2019	Mr. Rajesh Pershad	Assistant Professor	Mr Rajesh Pershad received certificate of appreciation from O.Y.S.T.E.R by organization by Youth for Social Transformation and Environmental Recoup
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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	A01, A02, A03, A04, A05, A12, A19, A25	II/II	07/12/2020	22/12/2021
BTech	A01, A02, A03, A04, A05, A12, A19, A25	I/II	07/12/2020	22/12/2020
BTech	A01, A02, A03, A04, A05, A12, A19, A25	I/II	07/12/2020	22/12/2020
BTech	A01, A02, A03, A04, A05, A12, A19, A25	III/II	05/12/2020	22/12/2020
BTech	A01, A02, A03, A04, A05, A12, A19, A25	III/II	05/12/2020	22/12/2020
BTech	A01, A02, A03, A04, A05,	III/II	05/12/2020	22/12/2020

	A12, A19, A25			
BTech	A01, A02, A03, A04, A05, A12, A19, A25	II/II	04/12/2020	22/12/2020
BTech	A01, A02, A03, A04, A05, A12, A19, A25	II/II	04/12/2020	22/12/2020
BTech	A01, A02, A03, A04, A05, A12, A19, A25	I/II	03/12/2020	22/12/2020
BTech	A01, A02, A03, A04, A05, A12, A19, A25	I/I	02/11/2020	15/11/2020

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
125	2294	5.45

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)

<http://www.jbiet.edu.in/pagecontents.php?mnlks=3&catid=2&scatid=1>

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
E	MBA	MBA	27	21	77.78
F	MCA	MCA	40	12	30
25	BTech	MINING	43	31	72.09
19	BTech	ECM	18	14	77.78
12	BTech	IT	44	35	79.55
5	BTech	CSE	102	74	72.55
4	BTech	ECE	117	94	80.34
3	BTech	ME	94	84	89.36
2	BTech	EEE	102	89	87.25
1	BTech	CIVIL	87	80	91.95

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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)

<http://www.jbiet.edu.in/category.php?mnlks=21&catid=135>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Dr. Himanshu Sharma
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. T.Rajesh	LIFE TIME MEMBERSHIP	01/07/2019	ISTE
National	Dr. G. Apparao Naidu	FIE (F-1253782)	23/07/2019	The Institute of Engineers
National	Dr. G. Apparao Naidu	FIETE (F-501550)	14/06/2019	The Institute of Electronics and Telecommunication Engineering's
National	D Himagiri	Member	03/12/2019	ACM
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3.2 – Resource Mobilization for Research

3.2.1 – 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)	365	AICTE	4.27	4.27
Any Other (Specify)	720	Interactive Electronics Research and Development Laboratories	4.67	2
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

3.3 – Innovation Ecosystem

3.3.1 – 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
Webinar on Emerging technology in civil engineering	Civil	01/06/2020
Webinar on integrated waste management critical issues.	Civil	18/06/2020
Sustainable Technology-Case study on Compressed earth block	Civil	17/02/2020
One day seminar on Precast Elements in building	Civil	18/12/2019
One day seminar on Highway Geometric design	Civil	11/01/2020
Webinar on Structural Health monitoring	Civil	24/06/2020
One day seminar on Geosynthetics Reinforced soil structures	Civil	17/02/2020
Five Days online workshop on Machine Learning	CSE	01/06/2020
Five Days workshop on Machine Learning using Python	CSE	08/08/2019
Bridge Course on Professional Linux Programming	CSE	02/11/2020
Guest Lecture On Machine Learning	CSE	02/10/2020
Guest Lecture on CC	CSE	02/04/2020
Workshop on Application of AI	CSE	25/01/2020
Workshop on Web Application Development	CSE	14/12/2019
Bridge Course on PP using Pandas	CSE	27/08/2019
Guest Lecture on Data Warehousing and Data Mining	CSE	20/08/2019
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3.3.2 – 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
Regional Mentoring Session	Akarsh Pateria	IIC, MHRD Innovation cell	20/08/2019	Student
Go -kart	Bodipudi	Society of	17/07/2019	Student

	vandana	innovative minds in association with Aditya educational institution		
Innovative Idea	Krishna Maneesha D	AngelHacks HACKcelerator, Global Hackathon, Hyderabad	10/07/2019	Student
Human Powered Vehicle	Madasu Nikith	Human Powered Vehicle	12/08/2019	Student
Robotic Process Automation	Thatipamula Kalyan	LIET	14/08/2019	Student
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3.3.3 – 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
Nil	Nil	Nil	Nil	Nil	Nil
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Mechanical	1
MBA1	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CSE	26	Nil
International	ECE	23	Nil
International	EEE	50	Nil
International	MECH	11	Nil
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
CSE	3
ECE	2
EEE	2
SH	6
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
MP-Detection: Medical Problems Detection Using Machine Learning Techniques.	Published	201911050942 A	20/12/2019
VC-Detection: Vehicle Crash Detection Using Machine Learning	Published	201941050999 A	20/12/2019
Wristwatch Based Health Monitoring System	Published	202041012393	05/06/2020
Gas Lighter with Leakage and Level Monitoring System	Published	202041014653	15/05/2020
An Efficient Horizontal To and fro System for Paraplegic Patient Based on Electrical Stimulation	Published	202041007603A	06/03/2020
A Move SBDL-Technology Verification of Seat Belt and Driving License Then Allowed To Drive	Published	2020410 26099A	10/07/2020
A Robotics Based Muscular Spasm Relief Device	Published	2020102 322	14/10/2020
Intelligent Communication System: Intelligent Wi-Fi Communication System with Defined Notification.	Published	2020410 31646	21/08/2020
An Intelligent Mobile Alert System for Reservoir Water Level And Flow Indication Integrated With Gps For Farmers	Published	2020410 32052	21/08/2020
IOT Enabled Calorie Counter Wristwatch	Published	2020410 30037	31/07/2020
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3.4.5 – 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	Name of	Title of journal	Year of	Citation Index	Institutional	Number of
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Paper	Author		publication		affiliation as mentioned in the publication	citations excluding self citation
Nil	Nilk	Nil	Nil	0	0	Nil
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3.4.6 – 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
Nil	Nil	Nil	Nil	Nil	Nil	0
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	33	142	35	42
Presented papers	29	2	1	1
Resource persons	Nil	2	3	10
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
CSE	Enlargement of 8-Bit Fingerprints to 16-Bits for Event Management Organization Security Using GPU Based Super Computer	Jaybee Hotels and Theatres, 6-3-248/1/1A, ROAD NO.1, Banjara Hills HYDERABAD Hyderabad, Telangana 500034 Phone: 040 2755 5270	237600
CSE	Prediction of Hotel Occupancy systems using Machine Learning	Arka Hotels Private Limited,6/3 /248/1/1/A,Road No-, Banjara Hills, HYDERABAD, Telangana, 500034, Phone: 040 2743 4458	345600
CSE	Prediction of seat occupancy based Genre of movie and subsequent prediction of food requirement in cine	Jaybee Hotels and Theatres, 6-3-248/1/1A, ROAD NO.1, Banjara Hills HYDERABAD Hyderabad, Telangana 500034	345600

cafeteria capacity

Phone: 040 2755
5270[View File](#)

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0
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3.6 – Extension Activities

3.6.1 – 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
AWARENESS ON BLOOD CANCER DATRI FOUNDATION	DATRI FOUNDATION	11	108
RASHTRIYA EKTHA DIWAS	JBLET	23	86
MEGA GANDHIAN YOUTH CONCLAVE AT JNTUH	JNTUH	3	96
AWARENESS ON AVOIDING PLASTIC	JBLET	11	86
NSS GOLDEN JUBILEE CELEBRATIONS	CMR College	2	10
NSS STATE LEVEL CAMP AT BAKARAM VILLAGE	JNTUH	5	21
FIT INDIA PROGRAM(SPORTS DAY)	JBLET	7	94
VIDYA UPAKAR	JBLET	9	63
INDUCTION PROGRAM FOR FRESHERS	JBLET	17	253
JAL DIWAS	JBLET	13	75
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3.6.2 – 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
Haritha Haram	Appreciation Certificate	Gram Panchayat Office, Peddmangalaram	67
Dental Camp	Appreciation Certificate	Gram Panchayat Office,	23

		Peddmangalaram	
Womens day	Appreciation Certificate	Gram Panchayat Office, Peddmangalaram	47
Digital awareness	Appreciation Certificate	Gram Panchayat Office, Peddmangalaram	39
Blood Donation camp	Appreciation Certificate	Thalassemia Sickle cell society	29
Elocution competition	Award (1st Rank)	International Society for Krishna Consciousness	13
Elocution competition	Appreciation Certificate	International Society for Krishna Consciousness	17
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3.6.3 – 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
NSS	JNTUH ONE WEEK SPECIAL CAMP	INTERNATIONAL WOMENS DAY CELEBRATION	1	45
NSS	JNTUH ONE WEEK SPECIAL CAMP	HOUSE HOLD SURVEY (CHINNA SHAPUR)	3	55
NSS	MIT SCHOOL OF GOVT, PUNE, MAHARASTRA	10TH BCS (BHARATIYA CHAATRA SANSAD)	1	5
NSS	MGNCRE	RURAL IMERSION TRAINING PROGRAM	1	64
NSS	MHRD	ORIENTATION ON WASH VOLUNTEERISM	3	66
NSS	INTERNATIONAL HEARTFULNESS CENTRE	DESIGNING DESTINY THROUGH HEARTFULNESS (KANHA VILLAGE)	2	84
NSS	ISKON KUKATPALLY	VIVEK BAND	1	50
NSS	JNTUH	ELOCUTION COMPETITION ON KILL CANCER (ISKCON)	1	30
NSS	HDFC TALASEMIA	BLOOD DONATION CAMP	2	137
NSS	INDIAN AIR	AWARENESS ON	3	126

FORCE

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FORCE BY IPEV
TEAM[View File](#)**3.7 – Collaborations**

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

Nature of activity	Participant	Source of financial support	Duration
choice Solutions Pvt. Ltd, 2, Madhapur Rd, Andra Basti, Kavuri Hills, Madhapur, Telangana 500081	1	NA	30
Madhya Pradesh Road Development Corporation Limited, Tehsil Campus, Till Road, Sagar, (MP) Pn no:07582-241888	1	NA	30
National Highways authority of India, Vishwanth colony, Jhansi road, Chhatarpur (M.P), Ph. no-07682-244401	1	NA	30
Government of telangana Road and Buldings Dept, Wanaparthy Dist, Telangana State. Ph:No:91-9916938300	5	NA	30
Bharat Heavy Electricals Limited Ramachandrapuram, Hyderabad-502032, India Ph. No. 040-23183404	20	NA	1
BHEL Employees Co-operative Housing Society, F-5/A, Road No 16, Phase-i, IDA Jeedimetla, Jeedimetla, Hyderabad, Telangana 500055, Ph: 040 2309 2266	20	NA	1
Rani Engine Value Limited, Aziz Nagar, Telangana, Ph: 91-9611767843	21	NA	1

SUN TECHNOLOGIES, HYDERABAD, Address: Parkview Enclave, Bowenpally, Secunderabad, Telangana 500011 Phone: 040 2775 1155	1	NA	30
Sketchsol Engineering Pvt. Ltd, Address: 6-3-865/1/2, Greenlands, Begumpet, Hyderabad, Telangana 500016	1	NA	30
Valvdata Pvt. Ltd, H No 11-5-265/1/401, Raod No 03 Venkateswara Colony, Saroornagar Hyderabad Rangareddi - 500035 Telangana - India.	1	NA	30
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3.7.2 – 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
Industry Internship	Industry	PanTech Solution	02/06/2020	02/07/2020	1
Internship	Industry	Valvdata pvt ltd	10/12/2020	31/12/2020	21
Internship	Industry	Oh Look Billion Choices Solution Pvt Ltd	09/04/2020	13/05/2020	1
Question Ppaer Setter	Institute	Vidya Jyothi Institute of Technology	26/09/2019	26/09/2019	1
Industrial Internship certificate	Industry	PANTECH Solutions Pvt. Limited. Address: Delta	02/06/2020	02/07/2020	182

		Chambers, Mumbai Hwy, Punjagutta Officers Colony, Ameerpet, Hyderabad, Telangana 500082, Phone: 040 4007 7960			
Keynote Speaker	Institute	ALLAM	23/12/2019	23/12/2019	1
Industrial Training	Industry	Government of telangana Road and Buldings Dep t,Wanaparth y Dist,Telanga na State. Ph :No:91-99169 38300	07/07/2020	06/08/2020	5
Internship	Industry	National Highways authority of India,Vishwa nth colony,J hansi road,C hhatarpur(M. P),Ph.no-076 82-244401	30/07/2019	30/08/2020	1
Internship	Industry	Madhya Pradesh Road Development Corporation Limited,Tehs il Campus,Till Road,Sagar,(MP) Pn no:07 582-241888	21/08/2020	21/09/2020	1
Acted as a chair person for the session in the conference	Institute	DISC-2020 conference, Hyderabad, Address: Survey No. 156 To 162, Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana 500075	09/01/2020	10/12/2020	1

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
India Matters Foundation	18/11/2019	Training	200
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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
360	349

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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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 partially)	Version	Year of automation
koha	Fully	18.05	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	59994	31496850	661	380075	60655	31876925
Reference Books	11692	5346107	91	56875	11783	5402982
e-Books	3437	1910655	121	75625	3558	1986280
Journals	1253	3557045	126	384804	1379	3941849
e-Journals	3225	788840	129	13570	3354	802410
Digital Database	5	788840	1	13570	6	802410

CD & Video	3219	663899	49	9450	3268	673349
Library Automation	1	11800	1	11800	2	23600
Weeding (hard & soft)	6755	3495711	151	64175	6906	3559886
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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
NA	NA	NA	Nil
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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	1013	581	0	90	70	25	29	100	50
Added	105	100	0	0	0	4	0	400	1
Total	1118	681	0	90	70	29	29	500	51

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

500 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
Lecture Capturing Centre, Media Centre, Recording facility	https://www.youtube.com/playlist?list=PLmhY8Ej0tvN26Kk40H7VVmj76pO2V4Q48

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
430.38	413.36	400	388.94

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)

Modern infrastructure, comprising ample built up area, well equipped laboratories, libraries and information centres with digitalization and online

transaction facilities are integral to the world class amenities provided on campus. Policies Names: Policy for Maintaining Facilities IT Policy

<http://www.jbiet.edu.in/policies.php>

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	Fees Waiver and Fees Concession	96	5002500
Financial Support from Other Sources			
a) National	NSP Telangana Govt fees reimbursment	1446	66015400
b)International	Nil	Nil	Nil

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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 implemetation	Number of students enrolled	Agencies involved
Self Assessment and self esteem	01/07/2020	101	JBIEET
Online group discussion on Online learning vs classroom learning	19/05/2020	84	JBIEET
International Yoga Programme in RADIO Programme	21/06/2020	2399	JBIEET
6th International yoga Day (IDY-2020)	21/06/2020	47	JBIEET
Understanding Symathy and Empathy- its importance	03/04/2020	74	Mr. D Pavan Das- Life Skills Coach.
Eassay writing Competetion on topic : " My Vision of my Branch by 2050" 100 Years of Republic India"	25/01/2020	18	JBIEET
Need of Marketable skills in this present scenario	21/11/2019	47	Mr. Rajesh Pershad
Requirement of good communication for Engineers	15/09/2019	72	Brigadier Dr. V.D. Abraham(SM), former VC

Suicide Prevention Day	13/09/2019	350	Bhaskar Medical College
Importance of Self Motivation -Self Learning.	19/07/2019	84	Life Skill Coach, JBIET
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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
2019	Career Development Programme	2399	2399	48	171
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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
1	1	7

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
Multiplier Solutions, NIIT Technologies, Miraki Technologies, Ethuissa Care Technologies, K-Tree, Creator Technologies, SPACE well Technologies, Q-Spider, Rythmos, COIGN Consult pvt.Ltd, Winfo Solutions, Sri Sahin Te	320	113	TCS, Infosys, Cognizent, WIPRO	89	45

chsolutions,

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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	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	CSE	CSE	Lamar University	MS(Computer Science)
2019	4	CSE	CSE	University Of North Texas	MS(Computer Science)
2019	1	CSE	CSE	University Of North Texas	MS(Computer Science)
2019	1	CSE	CSE	University Of Wisconsin Milwaukee	MS(Computer Science)
2019	3	CSE	CSE	University Of North Texas	MS(Computer & Information Sciences)
2019	1	CSE	CSE	University College of Commerce & Business Management (Kakatiya University Warangal)	MBA
2019	1	IT	IT	University of Southern Mississippi	MS(Computer Science)

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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	8
GRE	22
Any Other	26
TOFEL	3

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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
Chess Tournament	Institute	20

Badminton Tournament	Institute	20
Volley ball Tournament	Institute	100
Freshers day	Institute	37
Bathukamma	Institute	43
Rangoli 2020	Institute	19
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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	Winner (1st Place) in 6th Telangana state meet-2019 YOGA(MEN)	National	1	Nil	19671D5701	M.RAMESH-M TECH -VLSI-1/2
2019	Winner (3rd Place Broze Medal) in All India Inter University RIFILE SHOOTING, RIFILE SHOOTING(MEN)	National	1	Nil	19671A0414	D.NEMISH-ECE-1/4
2019	Winner (1st Place Gold Medal) in RIFILE SHOOTING(MEN) in JNTUH TEAM PLAYER	National	1	Nil	19671A0414	D.NEMISH-ECE-1/4
2019	Winner (1st Place) in NATIONALS XI SOUTH ZONE RIFLE PISTOL RIFILE SHOOTING(MEN)	National	1	Nil	19671A0414	D.NEMISH-ECE-1/4
2019	Winner (1st Place)	National	1	Nil	19671A0414	D.NEMISH-ECE-1/4

	STATE SHOOTING CHAMPIONSHIP RIFILE/PISTOL RIFILE SHOOTING(MEN)					
2019	Winner at NATIONAL LEVEL INTER ENGG COLLEGE SPORTS MEET-2020 CHESS MEN	National	1	Nil	18675A0248	S.RAVI KUMAR
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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)

The institution has a practice of identifying student as class representatives for each class . Class representatives along with SAC (Student Activity Centre) and NSS volunteers are responsible to conduct many activities like including curricular, co-curricular and extracurricular activities inside the campus. The students activities would be supported by the participation of all the faculty members. The required funding for conduct of such events is met by the management of the institution. The institution has staff-student committee to discuss and solve problems related to academic, co-curricular activities, extra-curricular activities, industry interaction and research.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes the institution has an active registered Alumni association. • The members meet at least once in a year and discuss all the issues pertaining to the development of the institution both academically and otherwise. • The alumni participation basically is in areas of identifying the gaps between the levels of learning within the campus and the levels of learning expected by the industry. • The institution arranges lectures by alumni in different departments so that the students can be motivated to prepare themselves for careers in an environment of global competition.

5.4.2 – No. of registered Alumni:

3100

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1. JBIET Alumni Meet named REMINISCENCE-2020, was organized on 15 Feb 2020 in the premises of JBIET. The function was inaugurated by Sri. J. V Krishna Rao, Secretary J. B Educational Society. Major General Prof Dr. S. S Dasaka, SM, VSM (Retd.) CEO JBGEI, Dr. S. Sudhakara Reddy, Principal, JBIET along with other Principals of J. B. Group of Educational Institutions and alumni present in the function, inaugurated it by lighting of the lamp. Dr. S. Sudhakara Reddy

welcomed the gathering. Sri. J. V. Krishna Rao gave insights on the emotional bonding alumni have with their alma mater. In his address, Maj. General Prof.

S.S Dasaka advised the alumni to keep their valued association strong and steadfast, so as to help further enrich the quality of our academic programmes. More than 250 alumni attended the program. Some alumni working abroad (London, Germany, Canada, USA, Australia etc.) joined the meeting via Skype and shared their wonderful memories of the Institute. Alumni cherished the cultural activities too. They were taken around the campus. They were all praise for the overall development that has taken place in the Institute.

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)

Revision of Curriculum: JBIET includes all stake holders in the designing and implementation of new syllabus, which is transparent and decentralized. The course expert in the concerned department considers the alumni feedback, suggestions from other subject experts in the same area of specialization to frame the syllabus in a particular regulation. HOD will conduct a Programme Assessment Committee (PAC) meeting to approve the syllabus of program, after all possible modifications. Board of Studies (BOS) meeting which includes external experts of different specializations from Industry and University approves regulations, course structure and syllabus of a particular program. Finally new syllabus is reviewed and approved by Academic council of JBIET. The above process is completely decentralized and resembles like bottom-up approach.

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	Our HOD faculty members participate at various bodies of the Institution such as Academic Council, Board of Studies (BOS), and Subject Chairmen who contribute in framing of syllabus regularly. Institute has its own stakeholder's feedback policy in place. The purpose of this Policy is to provide a framework for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the Institute's curriculum. All the feedbacks received from various stakeholders are summarized and analysed. The recommendations are communicated to the BOS for curriculum revision.
Teaching and Learning	Class-in Charges of the department monitors the teaching learning process and prepares a report which is periodically shared with Dean

Academics. Class-in charge monitors the following teaching learning activities:

1. Conduct of theory classes and Labs as per the timetable
2. Preparation of the list of defaulters whose attendance is less than 75
3. Conduct of remedial classes for the defaulters
4. Coverage of the curriculum as per the syllabus
5. Continuous Internal assessment (CAS) of the Lab sessions
6. Conduct of project and Technical seminar presentations
7. Conduct of the unit tests as per the plan
8. Analysis of test results
9. Assignments as per the plan

Activities of the Academic monitoring are periodically reviewed by the Principal and corrective actions taken.

Examination and Evaluation

The performance of a student in every subject/course (including practical and Project Stage - I II) will be evaluated for 100 marks each, with 30 marks allotted for CIE (Continuous Internal Evaluation) and 70 marks for SEE (Semester End-Examination). For theory courses, during the semester there are 2 mid-term examinations (internal 6 exams of 20 marks each), 5 unit tests of 5 marks each and 2 assignments carrying 5 marks each. Each mid-term examination will be of 1 hour 20 minutes consisting of Part-A (objective questions) for 10 marks and Part-B (long answer) for 10 marks. The objective paper is set with 20 bits of multiple choice, fill-in the blanks and matching type of questions. The Part- B consists of 2 questions each carrying 5 marks. For each question there will be either or choice. Each Unit Test will be of 1 hour duration, consisting of 3 questions from that unit carrying 5 marks each and student should answer any two questions for 10 Marks. These 10 marks are scaled down to 5 for Unit Test marks calculation. First mid-term examination is conducted for first 2 units of syllabus and second mid-term examination is conducted for remaining 3 units of syllabus.

Research and Development

Institute is having Research and Development Cell with the following objectives.

- To create awareness for Research and Development among faculty and students.
- To create interest and motivate faculty to take up research projects in cutting edge technology.
-

	<p>To inculcate research attitude in students. • Motivate and facilitate students and faculty to solve social challenges through technological innovations. Institute conducts Guest Lectures, workshops to create awareness and protects Intellectual property rights of Faculty and students. JBIET faculty students have publications in National, International Journals Conferences.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>To maintain the Library well above the desired norms laid by AICTE. To keep adding the books and journals as per AICTE norms Students are encouraged to use reading room for extra hours during examination. ICT : Enhanced use of ICT is encouraged To add and maintain e-learning resources like NPTEL. Physical Infrastructure: To create and maintain physical infrastructure as per AICTE norms To strengthen the laboratories.</p>
<p>Human Resource Management</p>	<p>Key points of human resource management of the college are as follows Recruitment through the staff requirements are obtained from all Heads of Department and reviewed by the Principal Approval is taken from the management Advertisement in leading newspapers and Institute website. Conducting interviews is done by the selection committee and final approval is done by JNTUH SCM(Selection Committee Minutes). Annual appraisal of all faculties done by HOD and reviewed by the Principal. Promotions of the faculty and Annual Increment decide by management based on annual appraisals</p>
<p>Industry Interaction / Collaboration</p>	<p>To provide for essential Industrial exposure to add potential to the education of the students To organize Industrial visits and internships To encourage collaboration and MOUs with Industries To encourage Students to undergo training program in Industry</p>
<p>Admission of Students</p>	<p>To have admissions allotted by the Competent Authority, State Govt. through centralized admission procedure through the entrance examination conducted by the state government. Provide 20 lateral entries in Direct Second Year for students completing diploma.</p>

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

E-governance area	Details
Finance and Accounts	The institution has been using Tally software to maintain and manage the inflow and outflow of the finances. The accounting starting from the foundation entries till production of statement of accounts and financial reports required for strategic management, in particular strategic planning are being produced through usage of software.
Administration	Academic Calendar details Creation of branch Section Department Courses Offered Time Table Report Absentees report Teaching Plan Topics Covered Scheduled Appointments Counseling Reports Lesson Plan Staff Working hours Complaints/ Suggestion register
Student Admission and Support	Student Admission and maintenance of data is done through E-CAP Software
Examination	Various activities pertaining to examination are carried out in iexamination branch. following tasks are being executed. 1. Exam Notification 2. Exam Fee Structure 3. Room Master Course Grades 4. Pre Post Exam reports 5. Evaluation Result module

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
2019	Mr.P.Prem Kumar	Attended 5 days Faculty Development Program on Advanced Research Methodology and innovative Teaching pedagogy	NIL	500
2019	Dr.P.Srinivas arao	Attended 5 days Faculty Development Program on Internet Of things	NIL	500
2019	Mr.M.Naveen Babu	To attend NPTEL FDP on Introduction to	NIL	500

		Algorithms and Analysis.		
2019	Mr.K.Ramakrishna	To attend One week National Level Online Faculty Development Program on Artificial Intelligence	NIL	500
2019	Mr K. Srikanth	To attend 5 days Faculty Development Program on Cloud Infrastructure and Virtualization	NIL	500
2019	Mr.Neelam Thirumala Rao	To attend 6 day workshop on Data Science Using R Programming	NIL	500
2019	Ms.M Renuka	To attend 5 days Faculty Development Program on Introduction to Data Science	NIL	500
2019	Mr.Himagiri	To attend 6 days Faculty Development Program on Advanced Research Methodology and innovative Teaching pedagogy	NIL	500
2019	Dr.G.Arun Sampaul Thomas	To attend 5 days Faculty Development Program on Artificial Intelligence	NIL	500
2019	Mr.Abhay Kumar	To attend 6 days Faculty Development Program on PHP MYSQL	NIL	500
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
2019	One week FDP on Emerging Technologies in Civil Engineering	NA	01/06/2020	06/06/2020	305	Nil
2019	Four days FDP on Structural analysis and design software STAAD Pro.	NA	15/10/2019	18/10/2019	21	Nil
2019	Five days Faculty development program on Artificial Intelligence	NA	16/12/2019	21/12/2019	48	Nil
2019	Five Days Faculty Development Program on Machine Learning with Python	NA	05/08/2019	09/08/2019	43	Nil
2019	Five Days Faculty Development Program on Web Application Development	NA	02/12/2019	06/12/2019	50	Nil
2019	Five days Faculty development program on Machine Learning	NA	01/06/2020	05/06/2020	110	Nil
2019	"Design	NA			25	Nil

	Approaches for Front End Vlsi Design"		09/09/2019	11/09/2019		
2019	Fdp on Sensor Network Internet Of Things and Internet of Everything	NA	08/08/2019	10/08/2019	19	Nil
2019	NA	FDP on Welding Methodology (Non Teaching Staff)	17/10/2020	23/10/2020	Nil	6
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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
PHP Mysql	4	18/05/2020	23/05/2020	6
Pedagogical Techniques For Effective Teaching	13	04/07/2019	06/07/2019	3
Emerging Technologies in Civil Engineering and Applications	10	22/06/2020	26/06/2020	5
Three Day Faculty Development Program on Pedagogical Techniques for Effective Teaching organized by J.B.Institute of Engineering and Technology	13	04/07/2020	06/07/2020	3
One Week Online Faculty Development Program on "Advanced Research	10	08/06/2020	13/06/2020	6

Methodology and Innovative Teaching Pedagogy" organized by Tulsiramji Gaikwaj- Patil College of Engineering and Technology, Nagpur, Mumbai in association with The Institution of Engine				
Recent revolutions in Mechanical Engineering	10	02/06/2020	06/06/2020	10
Recent Trends in Concrete Technology and Environmental Engineering	4	02/07/2020	04/07/2020	3
One Day Online FDP on Data Science Using Machine Learning Algorithms	10	26/05/2020	26/05/2020	1
Data Science Using R Programming	12	12/06/2020	17/06/2020	6
Faculty Awareness Program on NAAC Accrediation	3	10/05/2020	15/05/2020	6
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
11	11	2	2

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Service, Conduct and Leave Rules are made available. • Free medical facility available at Bhaskar General Hospital (Sister concerned institution). • Maternity Leave for female staff 	<ul style="list-style-type: none"> • PF Gratuity Scheme Service, Conduct and Leave Rules are made available for all staffs. • Free medical facility available at Bhaskar General Hospital (Sister concerned institution). • 	<ul style="list-style-type: none"> • Personal accident Insurance

members. • Concision in Transport Fee • Free On campus accommodation for faculty

Maternity Leave for female employees • Half-pay medical leave for staff members

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 for Financial Matter: • Internal audits are conducted by the Accounts Section of the College and Accounts Department at Head Office and the Chartered Accountant. • In the finance committee meeting they discuss regarding ? Verification of Audited statements ? Budget proposal for the next financial year ? Income and expenditure for the current year ? Implementations/follow up for the suggestion given by the committee members ? Any variation of fee structure (examination fee) and remuneration for conducting exam will be placed before the committee for approval. External Audit for Finance Matter: Books of Accounts are prepared as per statutory requirement and audited annually by External Qualified Chartered Accountants

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	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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	External Expert from other Reputed Institution	Yes	JBNET
Administrative	Yes	External Expert	Yes	JBNET

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

• Orientation day for UG PG students • Graduation Day Ceremony • Parent-Teacher Meeting (PTM) • During Inspection meeting with Parents

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

• Meditation session on 1st June 2019 for Teaching Non-Teaching Staff. The resource person from Microsoft • Meditation session on 15th June 2019 for Teaching Non-Teaching Staff. The resource person from Microsoft • Bathkama Festival Organized by Students Staff of JBNET on 5th October 2019 • 3 Days Staff Development Programme on Welding Processes is being organized for Technical Non-Teaching staff by Mechanical Department from 17th October 2019 to 19th October 2019 • System Administrator of JBNET has to attend a workshop at Microsoft • Oral Health Awareness Programme followed by treatment measures by organizing Dental Camp by Sri Balaji Dental College on 3rd March 2020

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

1. Encouragement of Faculty Students in Research Activities 2. Motivate Students to participate in Extension Activities 3. Implementation of feedback on Facilities

6.5.5 – Internal Quality Assurance System Details

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

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
2019	National Webinar on Capacity Building on NBA Criteria 1 to 10 on 27/06/2020	27/06/2020	27/06/2020	27/06/2020	102
2019	Outcome Based education on 12/09/2020	12/09/2020	12/09/2020	12/09/2020	78
2019	Faculty Training Workshop on Online teaching using google classroom on 07/07/2020	07/07/2020	07/07/2020	07/07/2020	97
2019	IEEE Workshop on "How to Search Journals, Features Navigation through IEEE Explore platform on 01/07/2019	01/07/2020	01/07/2020	01/07/2020	89
2019	IEEE Workshop-2 on How to Write a Technical Paper on 31/07/2019	31/07/2020	31/07/2020	31/07/2020	73

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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
Women's Day Celebrations in adopted village	08/03/2020	08/03/2020	35	13

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
Percentage of power requirement of the Institute met by the renewable energy sources is 63

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Any other similar facility	Yes	Nil
Physical facilities	Yes	Nil

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
2019	1	1	30/08/2019	1	State Level NSS Camp at Vakaram Village	Sorted the problems of the village	31
Nil	1	1	09/10/2019	1	Awareness on Blood Cancer collaborating with Datri Foundation	Awareness on Blood Cancer	29
Nil	1	1	16/12/2019	1	Blood Donation Camp	Blood Donation Camp	150

2019	1	1	11/03/2020	1	Dental Camp	Dental Camp	17
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Nil	Nil	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Gadhiji Padayatra	14/08/2019	14/08/2019	43
Independence Day Celebration	15/08/2019	15/08/2019	39
Elocution Competition on the day of Independence Day	15/08/2019	15/08/2019	39
Psychological Counseling by mental health professional on World Suicide prevention day	13/09/2019	13/09/2019	47
Rastriya Ekta Diwas Pledge RUN FOR UNITY Taking Ceremony	31/10/2019	31/10/2019	56
Life Skill Professional skill FDP Programme	06/12/2019	07/12/2019	20
JBIET students participated in Elocution Competition in organized by JNTUH Ms. Akriithi Sharma 2nd Year CSE received 3rd Prize from the honourable Governor of Telangana Dr. Tamilsai Sounderajan at main Auditorium ,JNTUH on KILL CANCER Elocuti	18/12/2019	18/12/2019	5
Personality Development Programme by Vedanta Foundation for Faculty Students. Mr. Jai Shankar Krishna	20/01/2020	20/01/2020	87

Murthy, from Vedanta Foundation, had given a talk to about 200 faculty and staff on Intelligence and Intellect - a personality development progra			
Spiritual Retreat Visit. JBIET students attended a "Spiritual Retreat Visit" to Shri Rama Chandra Mission at Shamshabad. Students got enlightened on "Meditation in Daily Life" for better Mind Power and Stress - free life.	23/01/2020	23/01/2020	37
A Self-Defence Program was conducted by Sri Kanishka Sharma, a Marshal Arts Expert and Close - Combat Mentor for Indian Special Forces at BMC Auditorium on 02 Feb 2020. Staff, Students and Principals of engineering colleges attended the program. Figh	02/02/2020	02/02/2020	45

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Restricted entry of Automobiles 2. Clean Green Campus 3. Pedestrian Friendly Pathways 4. Use of Bicycle / Battery powered vehicles 5. Landscaping with Trees and Plants JBIET is registered as National Digital Library Club under National Digital Library of India issued by Ministry of Human Resource Development, Govt. of India

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Student Capacity Building for Enhanced Employability and Lifelong Learning.
2. Holistic Faculty Development through Intensive Teaching Workshop

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

<https://www.jbiet.edu.in/bestpractices.php>

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

INSTITUTIONAL DISTINCTIVENESS Academic Excellence and Societal Consciousness J B Institute of Engineering and Technology has been achieving academic excellence through student outcomes and faculty contributions. The institution in its crest for excellence has been continuously interacting with industry, research organisations, and premier academic institutions to provide quality engineering education. Besides this, the role of an educational institution for societal development has been in the top of the agenda of the institution. The student volunteers design a few posters and to demonstrate the process of several digital services to the people. The demonstration of digital services through posters is an effective way to educate the people. Gift a Book concept has been well appreciated by many people such academicians, and administrators. The student volunteers of this outreach program did a lot of hard work in collecting books from various people and distributing them to children. In this outreach program, the books are collected from various sources and segregated based on the children's needs. Then, the books are distributed to the children. Usually, a team of JBIET faculty and students go to nearby villages, gather children and tell them the importance of reading a book. The higher-ups of JBIET in the inaugural session, addressed the students how well they can help the others by donating blood. Donating blood is an important social service by which other people's lives are saved. All the students are motivated to donate the blood and many of them came forward to donate the blood in this outreach program. The JBIET faculty and students promoted the plantation of saplings extensively. The faculty encouraged their students to plant as many as saplings. Even the students also participated in this program and planted several samplings in and around the college campus. To sum up, J. B. Institute Engineering and Technology is keen to take responsibility in organising several societal activities in which the students are exposed to the real-world issues. The task of societal activities is an important learning opportunity for the students to see the problems of society and solve them with engineering aptitude. Thus, JBIET is not just an institution to achieve learning outcomes of the students through curriculum but also a place where students work closely with the society for learning by practice for holistic development.

Provide the weblink of the institution

<https://www.jbiet.edu.in/institutional-distinctiveness.php>

8.Future Plans of Actions for Next Academic Year

1. Institute is planning to go for 3rd cycle for NAAC Accreditation .
2. Institute has to undergo for NBA UGC Extension Inspection
3. Faculty has to be motivation for more number of Major/ Minor research projects and more number of Patents
4. Students should be motivated for Innovative Ideas
5. Institute has an objective for getting good NIRF ranking in future