JOGINPALLY B.R. ENGINEERING COLLEGE

AICTE MANDATORY DISCLOSURE 2021-22.

1. **Name of the Institution:** Address including telephone, E-mail.

Name of the Institution	Joginpally B.R.Engineering College
Village	Bhaskar Nagar, Yenkapally (V),
Mandal	Moinabad (M),
District	Ranga Reddy(D),
Pin Code	500 075.
State	Telangana
Telephone No.	08413-235684/85
Fax No.	08413235684
E-Mail:	principal@jbrec.edu.in
Web site	www.jbrec.edu.in

2. **Name and address of the Society**: Joginpally B.R.Educational Society
6-3-248/1/1/A, 4th floor, Bhaskar Plaza, Road No:01,
Banjarahills, Hyderabad – 500034.
08413-235684
www.jbrec.edu.in

3. **Name & Address of the Principal** : Name : Dr.M.Giri, Principal

Address : Yenkapally(V), Moinabad (M), Ranga

Reddy District, Hyderabad-500075.

Telephone No: 08413-235684/85

Fax: 08413-235684

Email, ID: principal@jbrec.edu.in

Dr.M.Giri is presently working as the Principal and Professor of CSE department, Joginpally B.R. Engineering College, Hyderabad, and Telangana. He has an experience of 20 years in Teaching, Research and Administration. He obtained B.Tech. from JNTU Hyderabad , M.Tech. from JNTU Hyderabad and PhD degree from Rayalaseema University, Kurnool. He obtained Ph.D in area of Wireless Sensor Networks. He is resourceful in multidisciplinary specializations in associated branches. He has more than 80 publications in the International reputed Journals, Conferences and many Patents. He is a member of editorial board in various Journals. He has published four books related to Networks. He has attended and conducted many workshops, seminars and FDP. He has delivered Guest Lectures and acted as Session Chair in International Conferences.

4. Name of the Affiliating University:

Name of the affiliating University	:	**Jawaharlal Nehru Technological University, Hyderabad**
Address	:	Kukatpally, Hyderabad, Telangana 500085
Website	:	www.jntuh.ac.in
Latest affiliation period	:	2021-22.

5. Governance :

- **Members of the Board and their background:**

S.No	Name of the Governing Body Member	Governing Body Member Designation	Parent Organization where working	Designation of the member where working at parent Organization
1	Smt.J.Vasumati Devi	Chairperson	JB Group of Educational Institutions	Chairperson
2	Sri.J.Vamshidhar Rao	Member to be nominated by Registered Society / Trust	Joginpally B.R. Educational Society	Secretary
3	Sri.J.V.Krishna Rao	Member to be nominated by Registered Society / Trust	Joginpally B.R. Educational Society	Vice President
4	Major General Dr. S. S. Dasaka, SM,VSM (Retd.)	Member to be nominated by Registered Society / Trust	JB Group of Educational Institutions	Chief Executive Officer
5	Sri. K. Ashok Mehta Reddy	Member to be nominated by Registered Society / Trust	Joginpally B.R. Educational Society	Registrar
6	Prof. K. Enoch (Padmasri awardee)	Eminent Professional	Former Vice Chancellor, S.V. University, Tirupathi.	Eminent Professional
7	Dr. P. Chandrashekar Reddy	Eminent Professional	BOS Chairman JNTUH & Professor Dept. of ECE JNTUCEH.	Eminent Professional

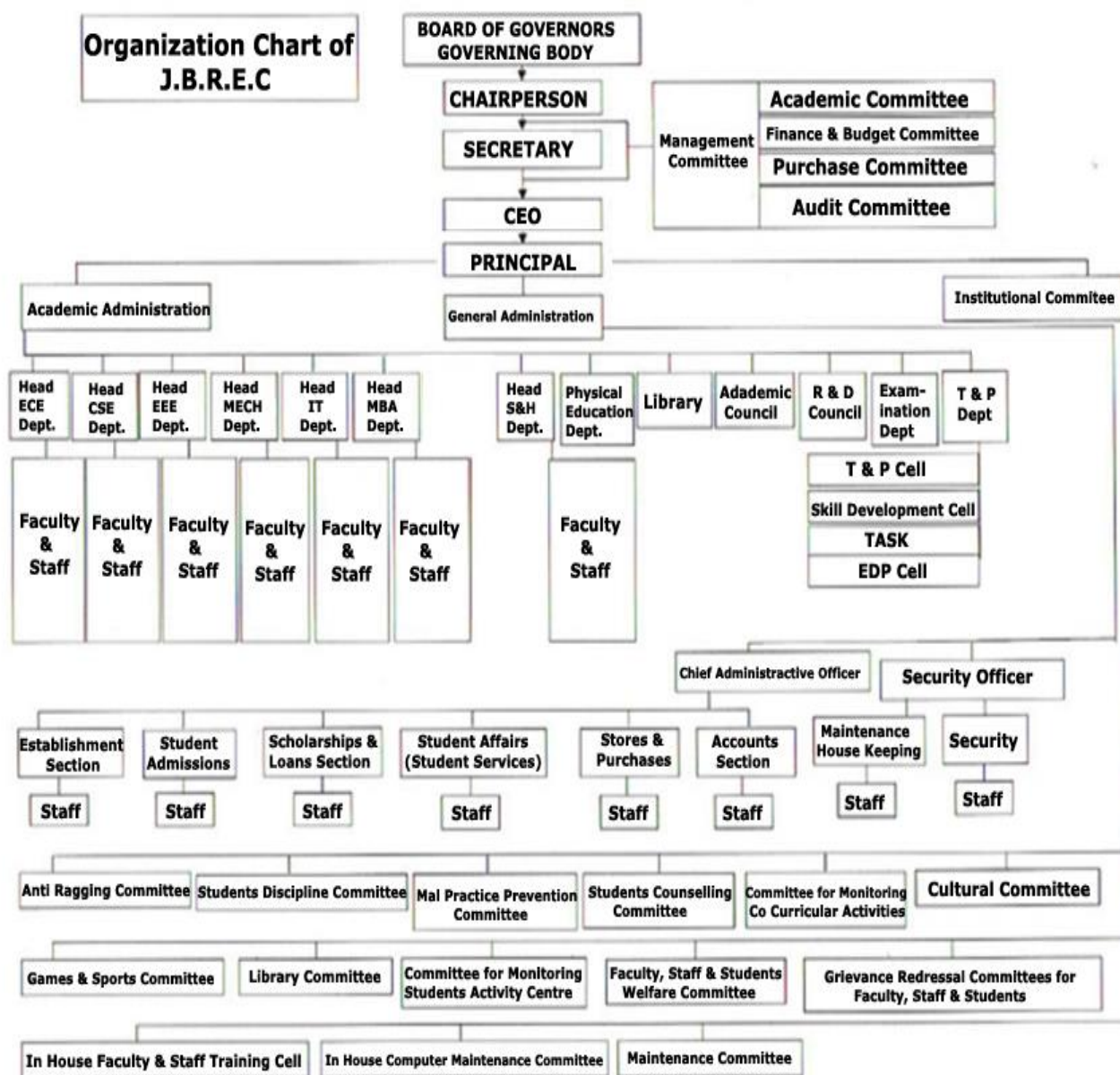| 8	Dr. D. N. Reddy	Academician	Former Vice Chancellor, JNTUH, Director, CR Rao AIMSCS, Hyderabad.	Academician
9	Dr.T.V.S.Arun Murthy	Member Secretary	Joginpally B.R. Engineering College	Vice Principal
10	Dr.A.Govardhan	University Nominee	Rector JNTUH, Hyderabad.	JNTUH Nominee
11	Dr. M.Giri	Member	Joginpally B.R. Engineering College	HOD, CSE
12	The Commissioner of Technical Education	Others1	Department of Technical Education Telangana State	Nominee of State Government
13	Director & Regional Officer South Central Region, AICTE	Others2	AICTE SCRO Hyderabad Telangana	Nominee of AICTE

- **Members of Academic Committee :**

S.No	Member Name	Designation	Designation in the Committee
1	Dr. M.Giri	Principal	Chairperson
2	Dr.T.V.S.Arun Murthy	Vice Principal & Dean Academics	Coordinator
3	Mr.P.Rajendar	Asst.Professor EEE	Co-Coordinator
4	Mr.D.Govardhan	Asst.Professor Mech	Member
5	Mr.M.Srinivasa Rao	Asst.Professor ECE	Member
6	Mr.P.Srinivas	Assoc.Professor IT	Member
7	Dr.T.Mallikarjuna Raju	Assoc.Professor MBA	Member
8	Mr.E.Rajesh	Asst.Professor Exam Incharge	Member
9	Dr.S.Prabhakara Rao	Dean Admin	Member
10	Dr.T.Prabakaran	Dean Quality Control	Member

11	Dr.D.Magdalene Delighta Angeline	Dean ICT	Member
12	Mr.S.Hemanth Chowdary	Assoc.Professor, Placement Officer	Member
13	Mr.G.Naveen	Assoc.Professor PG Coordinator	Member
14	B.Govardhan	Physical Director	Member
15	Mr.P.Sudhakar	Librarian	Member

- **Frequency of the Board Meetings and Academic Committee meetings-2 Times per year.**

- **Organization chart and Processes:**

Organization Chart of J.B.R.E.C

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                        BOARD OF GOVERNORS
                         GOVERNING BODY
                              │
                         CHAIRPERSON                    Academic Committee
                              │           Management   Finance & Budget Committee
                          SECRETARY       Committee    Purchase Committee
                              │                        Audit Committee
                             CEO
                              │
                         PRINCIPAL
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Academic Administration	General Administration	Institutional Commitee

Head ECE Dept.	Head CSE Dept.	Head EEE Dept.	Head MECH Dept.	Head IT Dept.	Head MBA Dept.	Head S&H Dept.	Physical Education Dept.	Library	Adademic Council	R & D Council	Exam-ination Dept	T & P Dept

T & P Cell
Skill Development Cell
TASK
EDP Cell

Faculty & Staff	Faculty & Staff	Faculty & Staff	Faculty & Staff	Faculty & Staff	Faculty & Staff	Faculty & Staff

Chief Administractive Officer | Security Officer

Establishment Section	Student Admissions	Scholarships & Loans Section	Student Affairs (Student Services)	Stores & Purchases	Accounts Section	Maintenance House Keeping	Security
Staff	Staff	Staff	Staff	Staff	Staff	Staff	Staff

Anti Ragging Committee	Students Discipline Committee	Mal Practice Prevention Committee	Students Counselling Committee	Committee for Monitoring Co Curricular Activities	Cultural Committee

Games & Sports Committee	Library Committee	Committee for Monitoring Students Activity Centre	Faculty, Staff & Students Welfare Committee	Grievance Redressal Committees for Faculty, Staff & Students

In House Faculty & Staff Training Cell	In House Computer Maintenance Committee	Maintenance Committee

- **Nature and Extent of involvement of faculty and students in academic affairs/ improvements**

The strength and validity of this institution essentially depends on its ability to sustain itself on the bedrock of quality, excellence and relationships and governance. To achieve this, we rely on our faculty and the staff, their abilities attitudes, morale, the professional ethos, and their unwavering commitment and involvement, their cooperation with the Institute administration between members of the Department and inter-departmental cooperation and synergizing their talents, efforts and services functioning as energetic nerve-centres of academic ferment and thereby ensuring, innovative inspiring and supportive academic environment for enabling the students, to pursue their educational, career and professional goals.

It is in the said context, and keeping in view the primary objective of extensive and effective involvement of the faculty, to carry out a wide range of student-centric and student friendly activities,

and programs, focusing on curricular, co-curricular, extra-curricular activities, and finally aiming at the holistic personality development of students, number of committees have been constituted, involving all the faculty members at all the levels, while also including the nonteaching staff, as co-opted members and involving the students participation.

- **Mechanism/Norms & Procedure for democratic / good Governance :**

It is at the threshold of this millennium, in the year 2002; Joginpally B. R Engineering College was sponsored and established by Joginpally B.R.Educational Society, a very progressive, dynamic and visionary management, with excellent academic track record. This institution is recognized by All India Council for Technical Education approved by Government of Telangana state and affiliated to Jawaharlal Nehru Technological University. The vision, Mission and the quality policy and the quality objectives are as indicated in the annexure enclosed herewith.

The Governance of the institution is strictly in accordance with the vision, mission, and Quality policy statements of this management and the norms standards, systems and practices laid down and various executive directions issued by AICTE, JNTUH, Government of Telangana state Council for Higher Education and such other related regulating Government agencies. As per the policies evolved and directions issued by the Governing body and the executive body and other management committees of this Institute, various institutional programmes and activities are carried-out, while complying with the rules, systems, procedures and practices as laid down by the management.

The Principal is responsible for the academic, general and financial administration besides the all- round development of the institution, discipline among all the faculty, staff and students, besides their welfare. The Principal is ably assisted by the HOD's, Joint Director (HR), Training & Placement Officer in charge of various functional units and the administrative staff besides the committed contribution of all the conveners and officers in charge of various committees constituted (list enclosed) for carrying out student centric and student friendly activities, placement and training, industry institution interaction, consultancy and R & D activities.

Administrative Manual is prepared while clearly defining and stipulating recruitment policies, service rules, leave rules administrative systems and practices including grievance redrassal procedures etc. The Finance manual has been prepared and all the financial transactions are made, complying with the systems, norms, procedures and practices, laid down in the said manuals. The performance appraisal of teaching staff including the feedback by the students, and the feedback of the students about the

Governance of the institution are being administered, analyzed and the needed remedial measures are initiated.

Decentralization of the institutional activities is ordered while also delegating the academic administrative and financial powers, to tone up the functional efficiency, duly fixing and defining the duties, responsibilities answerability and accountability of all concerned from the level of the Principal to the lowest level of employee, in the official hierarchy

- **Student Feedback on Institutional Governance/faculty performance:**

All the outgoing final year students are supplied with a prescribed format, designed for obtaining the feedback on the Institutional Governance as approved and decided upon by the college Academic Committee (A Copy of the format is enclosed herewith).

The detailed summary and analysis of the Feedback of all the outgoing students is recorded and documented. In the meetings of the college Academic Committee Members and the Heads of the Departments, the deficiencies, inadequacies and short comings indicated about the institutional governance and suggestions made by the said outgoing students if any, will be earnestly discussed and necessary corrective measures will be evolved for effective implementation.

Online Student Feedback on faculty performance is carried twice in semester on the days preferably before starting of midterm examinations.

The students of a class attending on the particular day, fixed for administrating the feedback process, are asked to assemble in a lab which facilitated with internet facility. Then students will login into Online Feedback System portal with their individual login credentials. After login into portal feedback webpage (Format as provided and decided by the college academic committee) is available where students can submit their feedback on the performance of the entire faculty in the respective subjects taught by them during semester under consideration.

The feedback form contains a certain number (10) of points of feedback and each such feedback point carries a certain maximum weightage (5) and thus each subject carries the score of 50. This process will be administrated by a senior responsible staff (duly appointed by the Principal/HOD) other than the concerned subject teachers. The students shall not write their names or Roll numbers on the feedback form. The summary and analysis of the feedback of all the students present on the day will be recorded in a format. The percentage of score in each subject secured by a staff is computed by using the formula: Total Marks secured /No. of students.

The details of the score of the students' feedback are communicated to the respective subject teachers, advising & counseling the faculty for improved performance by the Principal/ Head of the Department. In the event of a staff, securing less than the desired and stipulated percentage of score necessary remedial and corrective measures will be initiated, including arranging for Training intervention in pedagogical, subject updating and such other areas related to strengthening, teaching learning process.

- **Grievance Redressal mechanism for Faculty, Staff and Students :**

System for Redressal of grievances of faculty, staff and students

The management of the college follows an open system of administration and grievances from staff and students are given the utmost attention.

Complaints and suggestion boxes are kept at a number of places in the campus and also in the hostels.

The suggestions and complaints are carefully looked into and remedial measures undertaken. Responses are also publicized through notice boards.

In case of indiscipline, a committee appointed by the principal enquires into the matter by calling witnesses and recommendations are made about the action to be taken by the management.

Grievances regarding the staff in terms of salary, promotions etc., are carefully looked into by the HR department in consultation with the Principal and remedial measures taken.

Class Committee meetings are held in which grievances of students are taken note of and remedial measures taken.

A student welfare officer looks into the welfare of the students and advises the management for necessary action.

Committee Details:

S.No.	Member Name	Actual Designation	Designation in the Committee
1	Dr. M.Giri	Principal	Chairman
2	Dr.Jagannath Jetty	Professor, Zoology Department (Retired), Osmania University	Ombudsperson, Student Grievance Redressal Committee
3	Dr.M.Madhavilatha	Professor, ECE Department, JNTUH	Member, Faculty/Staff Grievance Redressal Committee
4	Dr.D.Magdalene Delighta Angeline	Associate Professor	Coordinator
5	Dr.T.V.S. Arun Murthy	Representatives of faculty members	Member
6	Dr.B.Ravikumar	Associate Professor	Member
7	Mrs.K.Mary Suseela	Assistant Professor	Member
8	Mr.L.Sreenivasa Rao	Assistant Professor	Member
9	Mr.P.Veeresh	Assistant Professor	Member
10	Dr.B. Uma Rani	Associate Professor	Member
11	Mrs.K.Chandrika	Assistant Professor	Member
12	Mr.P.Ravinder	Assistant Professor	Member
13	Mrs.G.Lavanya	Assistant Professor	Member
14	Mrs.T.Sailaja	Non Teaching Staff	Member

15	Mr.M.Ramachandra Rao	Representatives of Parents	Member
16	Rohit Patil	Representatives of Students belonging to the fresher's category as well as senior students	Member

The aggrieved individual (Faculty/staff/student) shall indicate the details of his/her grievance in a prescribed format (designed for the purpose) and submit the same to the Principal, who in turn will refer the same to the Chairman of the concerned Redressal committee.

The Grievance of the individual will be given fair and reasonable opportunity to be heard in detail before the Chairman and other members of the concerned Committee, in a peaceful and conciliatory environment depending upon the issue and if need be, appropriate evidence in the form of a material evidence or personal witness may be introduced by the aggrieved person.

The Chairman of the Committee, in consultation with the other member(s) will submit the report to the Principal, at the earliest possible time.

The Principal in turn, depending upon the nature, magnitude and jurisdiction of the issue, will arrange for the appropriate and early measure of redressal of grievance, under the direction of the management and the same will be communicated to the 'aggrieved person'. All the proceedings of the grievance mechanism will be suitably documented and recorded.

- **Establishment of online Grievance Redressal Mechanism: Available.**

Establishment of Grievance Redressal Committee in the Institution and appointment of ombudsman by the university:

S.No	Name of the Cell	Designation in the Committee	E- mail ID
1	Dr. Jagannath Jetty Ombudsperson	Professor of Geology (Retired) OU.	ombudsperson@jntuh.ac.in

Establishment of Internal Complaint Committee (ICC):

S.No.	Member Name	Actual Designation	Designation in the Committee
1	Dr. M.Giri	Principal	Chairman
2	Dr.T.V.S. Arun Murthy	Dean Academics	Member
3	Dr.D.Magdalene Delighta	Associate Professor	Coordinator

	Angeline		
4	Dr.B.Ravi Kumar	Assistant Professor	Member
5	Mrs.K.Mary Suseela	Assistant Professor	Member
6	Ms.Y.Jyothsna	Assistant Professor	Member
7	Mrs.K.Chandrika	Associate Professor	Member
8	Mr.L.Sreenivasa Rao	Assistant Professor	Member
9	Mr.P.Veeresh	Assistant Professor	Member
10	Mrs.C.Sandhya	Assistant Professor	Member
11	Mrs.G.Lavanya	Assistant Professor	Member
12	Mrs.T.Shailaja	Non Teaching Staff	Member

- **Establishment of Committee for SC /ST:**

S.No	Name	Designation
1	Dr. M.Giri	Chairperson
2	Mr.A.Rajaiah	Co-ordinator
3	Mrs.Mary Susheela	Member
4	Mr.M.Shashikanth	Member
5	Mr.J.Nehru	Member

- **Internal Quality Assurance Cell:**

IQAC is reconstituted in Joginpally B R Engineering College under the chairmanship of Head of the Institution, with heads of all the Departments and a few teachers and representatives of local management and stakeholders.

As per the guidelines of NAAC, IQAC Constitution is as follows:

1. Chairperson: Head of the Institution
2. A few Senior Administrative officers
3. Three to eight teachers
4. One member from the Management
5. One/two nominees from local society, Students and Alumni
6. One/two nominees from Employers /Industrialists/stakeholders
7. One of the senior teachers as the coordinator/Director of the IQAC

The membership of such nominated members shall be for a period of two years. The IQAC should meet at least once in every quarter. The quorum for the meeting shall be two-third of the total number of members. The agenda and minutes are documented with official signatures and maintained electronically in a retrievable format.

IQAC Committee Members:

S. No	Name of the Member	Designation

1	Dr. M.Giri	Principal
2	Dr.T.V.S.Arun Murthy	Vice Principal & HOD, H&S
3	Mr. M.Srinivasa Rao	HOD, ECE
4	Mr. P. Rajendar	HOD, EEE
5	Dr. M.Giri	HOD, CSE
6	Mr. P.Srinivas	HOD, IT
7	Mr. D. Govardhan	HOD, MECH
8	Dr.T.Mallikarjuna Raju	HOD,MBA
9	Mr. M.L.M Prasad	HOD, AIML
10	Dr. T.Prabakaran	Dean Quality Control
11	Dr.D.Rajesh	Prof., in H&S
12	Dr.S. Prabhakara Rao	Prof., Dean Administration
13	Dr.B. Ravi Kumar	Dean Student Affairs
14	Dr.SMKS Abbas Ahmed	Dean Infrastructure
15	Dr.R.Ravi Kumar	Prof., Dean IIC
16	Dr. S.Sathish Kumar	Prof., Dean R&D
17	Dr.D.Magdalene Delighta Angeline	Prof., Dean ICT
18	Dr.B.Uma Rani	Prof., MBA
19	Mr.G.Naveen	Assoc. Prof, NSS PO
20	Mr.T.Gangaram Singh	NCC
21	Mr. S.Hemanth Chowdary	Placement Officer
22	Mr.R.D.Gopal	Coordinator Alumni & SAC
23	Mr. G Rahul	Coordinator IQAC
24	Mr.G V Subrahmanyam	Administrative Officer
25	Student 1	K.Radhika (EEE) 20J25A0204
26	Student 2	P.Rajitha (IT) 21J21A1216
27	Student 3	S.Hemalatha(CSE) 19J21A0572
28	Mr N Vignesh	Deputy Sarpanch

6. Programmes :

Number of Programmes approved by AICTE : UG (6), PG (4)

UG Courses:

- Electrical & Electronics Engineering -60
- Mechanical Engineering-60
- Electronics & Communication Engineering-120
- Computer Science and Engineering-120
- Information Technology-60
- CSE(AI & ML)-60

  PG Courses:

- M.Tech (CSE)-18
- M.Tech (PEED)-18

- M.Tech (ES) - 18
- MBA-60

Number of Programmes Accredited by NBA– Nil

Placement Facilities:

We are in touch with organizations like M/s. TATA CONSULTANCY SERVICES, INFOSYS, COGNIZANT, MIRAKI TECHNOLOGIES, MULTIPLIER SOLUTIONS and other reputed organizations and they have included our college in their list of recruitments. Apart from the placement activities, we are preparing the students on soft skills and interview skills. We have an MOU with M/s. CL Educate, who have provided the platform for the skill enhancement. We have also established a Life skills lab for the students to get trained and pre-assessed to get them ready for the placement.

Year	No. of Students Placed	Name of the Employer with Contact Details	Package Received
2020-21	09	**Tata Consulting Services** SEZ Unit, South Tower Bar Building, TSA Business Park, Nanakramguda, Hyderabad, Telangana 500081	3.36 LPA
	01	WIPRO Survey No.124 and Part of 132/P SEZ Gopanapally, Osman Nagar, Hyderabad, Telangana 501301	3.60 LPA
	02	**COGNIZANT** DLF Cybercity Plot.No: 129,130,131 & 132, Gachibowli Rd, APHB Colony, Hyderabad, Telangana 500019	4.00 LPA
	06	**ACCENTURE** Building 1A & 1B, Raheja Mindspace, Hitech City Road, Madhapur, Hyderabad - 500081 (Near HUDA Techno Enclave)	4.50 LPA
	01	**MINDTREE** Global village, RVCE post, Mysore road, Bengaluru-560059, Karnataka, India.	3.52 LPA
	16	**CORECOGEN** NO 45/A, Addagutta Society - HMT Hills Rd, Addagutta Society, Western Hills, Hyderabad, Telangana 500072	3.00 LPA
	20	**CORPTEAM SOLUTIONS** 818 A, 8th floor Manjeera Majestic Commercial, Opp To Jntuh, Hitech City Rd, Hyderabad, Telangana 500072.	2.80 LPA

	18	**EDUCONSOFT** #401, Kasturi Palaza, Gachibowli Rd, Dwaraka Nagar Colony, Shaikpet, Hyderabad, Telangana 500008	3.00 LPA
	03	**INFOSYS** Survey No. 210 ISB Road, Lingampally Rd, Manikonda Jagir, Telangana 500032	3.60 LPA
	09	**QSPIDERS** QSpiders 3rd Floor, Elite arcade building, Adjacent to Shanbhag hotel, No.6-3-353/A, Road No.1, Banjara hills road, Punjagutta Hyderabad, Telangana – 500082	2.75 LPA
	15	**PEOPLE HR ENABLE INDIA PVT.LTD** C98R+H62, Darga Hussainshahwal, Radhe Nagar, Hyderabad, Telangana 500008	2.75 LPA
	12	**Pohu Labs** Ground floor, 3-33, Chaitanya Enclave, Khajaguda, Telangana 500008	3.00 LPA
	20	**RDS Infotech** Veeru Castle, near Ganesh Temple, Durga Nagar Colony, Punjagutta, Hyderabad, Telangana 500082	2.64 LPA
	19	**RVM** 320, Manjeera Majestic Commercial,, JNTU Rd , Housing Board Colony, Hyderabad, Telangana 500072	2.70 LPA
	01	**VIRTUSA** Nanakramguda Village, Serilingampally Mandal, 115, Hyderabad, Telangana 500032	4.00 LPA

Year	No. of Students Placed	Name of the Employer with Contact Details	Package Received
2019-20	8	**Tata Consulting Services** SEZ Unit, South Tower Bar Building, TSA Business Park, Nanakramguda, Hyderabad, Telangana 500081	3.36 LPA
	1	**WIPRO** Survey No.124 and Part of 132/P	3.50 LPA

		SEZ Gopanapally, Osman Nagar, Hyderabad, Telangana 501301	
	1	**COGNIZANT** DLF Cybercity Plot.No: 129,130,131 & 132, Gachibowli Rd, APHB Colony, Hyderabad, Telangana 500019	3.38 LPA
	14	**Miraki Tech** 2nd Floor, VSSR Square, Vittal Rao Nagar, HITEC City, Hyderabad, Telangana 500081	2.75 - 3.25 LPA
	2	**KTREE** A Block, 4th Floor, Sonali Info Park, 8-2-112/120/1, Road Number 2, Venkat Nagar, Banjara Hills, Hyderabad, Telangana 500034	3.25 LPA
	7	**Legato Health Technologies** Tower 1, 8-9th Floor GAR Corp - Laxmi Infobahn SEZ, ORR Service Road Kokapet Village Gandipet Mandal, Kokapet, Hyderabad, Telangana 500075	3.50 LPA
	23	**Insmagro Global Solutions Pvt Ltd** Prince Infocity II - Regus, 283/3 & 283/4, Unit No. 1, 1st Floor, Rajiv Gandhi Salai (OMR),, Chennai, Tamil Nadu 600096	2.75 - 3.00 LPA
	2	**Multiplier solutions** PSR Prime Towers, Beside, DLF Cyber City, Gachibowli, Hyderabad, Telangana 500032	3.25 LPA
	2	**PragmaEdge software services private limited** Trendz JR, 3rd Floor, D.no 1-89-A-8/1/24 Madhapur, 89-A-8/1/24, Madhapur, Hyderabad, Telangana 500081	3.25 LPA
	9	**QSPIDERS** QSpiders 3rd Floor, Elite arcade building, Adjacent to Shanbhag hotel, No.6-3-353/A, Road No.1, Banjara hills road, Punjagutta Hyderabad, Telangana – 500082	2.75 LPA
	16	**Euthissa** Campus 11, KIIT University, Bhubaneswar, Odisha 751024	2.40 - 2.75 LPA
	12	**Aliens Group** Tellapur Rd, Near, Gachibowli, Hyderabad, Telangana 502032	2.75 - 3.00 LPA
	6	**Packet prep** Pavani Prestige Complex, 412, 4th floor RS Brothers Building,	2.75 LPA

		Hyderabad, Telangana 500016	

ORIENTATION TOWARDS INTERVIEWS:

In order to develop the skills of the students which the Industry demands from an entry level employee, JBREC has associated with CISCO Net Acad, INFYTQ, TCSION, MICROCHIP Academy. The employability skills training will help the students to know about the industry work environment before they start their employment. There will be dual benefit for students on getting these kind of trainings - firstly, productivity of the students in workplace will be enhanced and secondly, the student need not to wait until the companies to provide the training.

7. Faculty:

Branch wise list faculty members:

S. No.	Branch	Permanent Faculty	Adjunct Faculty	Student Ratio
UG Programmes				
1	Electrical & Electronics Engineering	12	NIL	1:20
2	Mechanical Engineering	19	NIL	1:20
3	Electronics & Communication Engineering	18	NIL	1:20
4	Computer Science Engineering	21	NIL	1:20
5	CSE (AI & ML)	03	NIL	1:20
6	Information Technology	09	NIL	1:20
PG Programmes				
7	CSE	03	NIL	1:15
8	PEED	03	NIL	1:15
9	ES	03	NIL	1:15
10	MBA	08	NIL	1:20

Note : Staffs of S & H Department are not included in the student ratio. However the Staff of S & H is 16 Nos.

8. Profile of Principal:

1	Name (in capital)	Dr.M.GIRI
2	Official Address: Principal & Professor, Dept of CSE, Joginpally B.R.Engineering	Address for correspondence : c/o Krishna Reddy, Siri Women's Hostel, H.No. LIG-51, Behind ACE Coaching Center, Near

College, Hyderabad	JNTUCEH, KPHB Colony, Hyderabad -500 072.		

3	Telephone No.	Mobile No : 8897655002 Res. No :
4	E-mail	principal@jbrec.edu.in, dr.m.giri.cse@gmail.com
5	Date and Age	06.07.1979 Age: 43 Yrs
6	Category	GENERAL (O.C)

Total no of years Experience: 20 Yrs

EDUCATIONAL QUALIFICATION:

S.No	EXAM PASSED	COLLEGE, DISTRICT/UNIVERSITY	YEAR OF PASSING	PERCENTAGE OF MARKS	CLASS
1	B.Tech (CSE)	Sree Vidyanikethan Engineering College, Tirupati, Jawaharlal Nehru Technological University, Hyderabad.	2001	65 %	I Class
2	M.Tech (CSE)	School of Information Technology (SIT), Jawaharlal Nehru Technological University, Hyderabad.	2009	81 %	I Class with Distinction
3	Ph.D (CSE)	Rayalaseema University, Kurnool	2018	-	-

EMPLOYMENT DETAILS

S.No	Name of the Organization	Designation	Period of work	
			From	To
1	NBKR Institute of Science and Technology, Vidyaagar Andhra Pradesh	Senior Lecturer	28-10-2004	29-07-2007
2	Madanapalle Institute of Technology and Science, Madanapalle, Andhra	Assistant Professor	30-07-2007	18-04-2008

	Pradesh			
3	Malineni Lakshmaiah Engineering College, Singarayakonda, Prakasam, Andhra Pradesh	Associate Professor & Head	19-04-2008	30-11-2010
4	Sreenivasa Institute of Technology and Management Studies, Chittoor, Andhra Pradesh	Professor & Head	01-12-2010	23-04-2016
5	Veltech Hightech Dr. Rangarajan Dr.Sakunthala Engineering College, Avadi, Chennai	Professor	25-05-2016	31-12-2018
6	Joginpally B.R. Engineering College, Hyderabad. (T.S)	Principal HOD of CSE Department	01-01-2019	Till Date

i. Ratified by JNTUH (ID: 8727-190118-201047).
ii. Acted as HOD, Department of CSE.
iii. Conducted IIT Bombay Spoken Tutorial Workshop to all department students at college level.
iv. Conducted Virtual Lab at college level in collaboration with IIIT Hyderabad.
v. Organized UNNAT BHARAT ABHIYAN central Government project.
vi. Preparation of JBREC CSE Data to upload into MHRD NIRF Ranking website.
vii. Designed a Google form to collect student feedback (Teacher evaluated by student).
viii. Designed and maintained JBREC website.
ix. Prepared NAAC IQAR Annual Report.
x. NAAC Criteria VI in-charge.
xi. Preparation of department weekly Action Taken Report.
xii. Involved in preparation of Private University application process.
xiii. Evaluation of faculty appraisal form for yearly increments.
xiv. Conducted Guest lectures, workshop, conference, and student symposium.
xv. Preparation of Academic calendar, event calendar, semester wise books requirements to library.
xvi. Member of admission committee, advisory committee, disciplinary committee, and ant ragging committee.

Professional Membership:

1. Lifetime Member of International Association of Computer Science and Information Technology (IACSIT), Membership No: 80343998.

2. Lifetime Member of Computer Science Teachers Association (CSTA), Membership No: 5675341.

3. Member of IEEE, Membership No.: 92373192.

4. Lifetime Member of International Association of Engineering Technology (IAET), Membership No: 100817.

5. Life Time Member, International Society for Research and Development, (ISRD), Membership No: M4150904926.

6. Lifetime Member, International Computer Science and Engineering Society (ICSES), Membership No: 7328.

7. Senior Member, Universal Association of Computer and Electronics Engineers, UACEE, Membership No: SNM10100053368.

8. Lifetime Member of International Association of Engineers, Membership No: 121157. Member of the following societies:
    - the IAENG Society of Artificial Intelligence
    - the IAENG Society of Computer Science
    - the IAENG Society of Data Mining
    - the IAENG Society of Internet Computing and Web Services
    - the IAENG Society of Information System Engineering
    - the IAENG Society of Scientific Computing
    - the IAENG Society of Software Engineering

        3. the IAENG Society of Wireless NetworksLife Member of International Journal of Engineering Research and Industrial Applications (IJERIA),

    4. Life Member of International Journal of Mathematical Science and Engineering Applications(IJMSEA)

        5. Senior Member of IEEE.

Publications List (Journal (44) + Conference (28) + Seminars, Workshops and Symposia (52) = 124):

Journal (44):

1. Dr.M.Giri, S.Ambika, CH.China Subbareddy, " Detection COVID-19 from ChestX-Ray Datasetusing Deep Learning Techniques", **The International journal of analytical and experimental modal analysis**, UGC-CARE Approved Group - II Journal (Scopus Indexed), ISSN: 0886-9367, pp. 391-395, vol. 14, No. 2, February 2022.
2. Dr.M.Giri, Dr.T.Prabakaran, M. Kotesh, "Monitoring Driver Drowsiness by Measuring EAR, MAR and Machine Learning", **The International journal of analytical and experimental modal analysis**, UGC-CARE Approved Group - II Journal (Scopus Indexed), ISSN: 0886-9367, pp. 396-399, vol. 14, No. 2, February 2022.
3. Dr. M. Giri, B. Subhashini, CH China Subbareddy, "An Effective And Security Applicable Biometric Identification Mechanism In Cloud System", **International Journal of Techno Engineering**, UGC-CARE Group II Journals, ISSN: 2057-5688, pp. 357-365, vol. 14, No. 1, January – March, 2022.
4. Dr. M. Giri, Raviteja, S Hemanth Chowdary, "Performing Secured and Proficient Dynamic Searchable Symmetric Encryption on Medical Cloud Data", **International Journal of Techno Engineering**, UGC-CARE Group II Journals, ISSN: 2057-5688, pp. 357-365, vol. 14, No. 1, January – March, 2022.
5. Dr. M. Giri, E.Mahesh, Dr.V.K.Sharma, "A Review On Image Forgery Detection Methods Using Artificial Intelligence (AI)", **Journal Of Education: Rabindrabharati University,** UGC-CARE Group II Journals, ISSN: 0972-7175, pp. 29-37, vol. 23, No. 12, 2021.
6. Dr. M. Giri, Dr.K Ammulu, Dr.R.Seethalakshmi, "A Novel Parallel Algorithm for Classification of Heavy structured Big Data", **GIS SCIENCE JOURNAL,** UGC-CARE Group II Journals, Scopus Active journal, ISSN: 1869-9391, pp. 1602-1606, vol. 7, No. 11, 2020.

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36. M.Giri, D. Bharathi, N. Janaki, "Enhancing Robust Security Strategy for Web Social Networks", *International Journal of Computer Trends and Technology*, Global Impact Factor (GIF): 0.537, Index Copernicus value: 4.33, Directory of Science Score: 9.99, DOI: 10.14445/22312803/IJCTT-V14P101,ISBN: 2349-0918, Volume 14, Number 1, PP: 247-256, August 2014, PP 1-6.

37. M.Giri, S.M. Madhumitha, "An Empirical Study on Privacy Preserving Models", *i-Manager Journal of Computer Science*, ISSN: 2347-2227, 2347-6141,3-5 July 2014.

38. M.Giri, Gowrish. K.G, M. Ashok Kumar, "Secrecy Conserving Sociable Network Communication Against Mutual Friend Attacks and Structural Attacks", *International Journal of Engineering Trends and Technology*, Global Impact Factor (GIF): 0.537, Index Copernicus value: 4.33, Directory of Science Score: 9.99, DOI: 10.14445/22315381/IJETT-V13P251,ISBN:2349-0918, Volume 13, Number 6, PP: 247-256, July 2014.

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40. M.Giri, G. Hema Latha, and Dasari Saritha, "A Survey on Feature Subset Clustering Method to Reduce the Dimensionality", *International Journal of Computer Science Management Research (IJCSMR)*, ISSN No: **2278-733X**, Volume 3, Issue 3, March 2014.

41. M.Giri, S. Mahesha, and M S Shashidhara, "An Efficient Web Content Extraction from Large Collection of Web Documents using Mining Methods", *International Journal of Computer Applications* (0975–8887), Volume 69–No.7, May 2013.

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44. M.Giri, Zabi Ur Rahaman.K, M S Shashidhara, "An Implementation of Multi-Path Dynamic Routing for Computing and Constrained Mobile Ad-hoc Network Environment", *International Journal of Mobile and Adhoc Networks*, ISSN No: **2231–6825**,**2249-202X**, November 2012.

45. M.Giri, S. Mahesha, and M S Shashidhara, "An Efficient Web Content Extraction Using Mining Techniques", *International Journal of Computer Science Management Research (IJCSMR)*, ISSN No: **2278-733X**, November 2012.

46. M.Giri, S. Mahesha, and M S Shashidhara, "An Implementation of Web Content Extraction Using Mining Techniques", *International Journal of Data Warehousing and Mining (IIJDWM)*, ISSN No: **2249-7161, 2249-2186**, November 2012.

47. M.Giri, Zabi Ur Rahaman.K, M S Shashidhara, "An Efficient and Scalable Multi-Path Dynamic Routing for Computing and Constrained Mobile Ad-hoc Network Environment", *International Journal of Emerging Technology and Advanced Engineering*, ISSN No: 2250-2459, Vol. No: 2, Issue 10, October 2012.

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49. M. Giri, V. V. Sunil Kumar, A. Seshagiri Rao, J. Vamsinath, N. Krishnaih, "Design and Implementation of Artificial Neural Network Model for Data Classification", conducted by Raghu Engineering college, Visakhapatnam, January 2010. In Collaboration with international accreditation council of quality education and research.

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51. S. Madhava Rao, M. Giri, K. Rama Naidu, "Implementation of Very Large Scale Integration Circuit for Lifting Based Discrete Wavelet Packet Transform" at Swarnandhra College of engineering, narsapuram, January 2010, pages 178-184. In Collaboration with international accreditation council of quality education and research.

CONFERENCE PAPERS

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2. M.Giri, S.Jyothi, Chandra Sekhar Vorugunti, "A Novel Online Social Network (Twitter)Message (Tweet)Classifier based on Message Diffusion in the Network", **9th IEEE International conference on Communication Systems & Networks**, organized by **Indian Institute of Science (IISC) Bangalore** in collaboration with all IITs of India, E-ISSN: 2155-2509, ISBN: 978-1-5090-4250-0/17, pp. 409-410, January 2017, https://ieeexplore.ieee.org/abstract/document/7945417.

3. M.Giri, Mrudula Sarvabhatla, Chandra Sekhar Vorugunti, "A Robust and Energy Efficient Dynamic ID Based Remote User Authentication Scheme for Multi-server Environment**", IEEE 2014 Third International Conference on Eco-friendly Computing Communication Systems, ICECCS-2014**, jointly conducted by Wiley-IEEE Communication Society India Council, IEEE Bangalore Section, Grid cooperative computing society and National Institute of Technology Karnataka, Surathkal, Mangalore, Karnataka, India, paper id: #008, 19-20December 2014.

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5. M.Giri, Mrudula Sarvabhatla, Chandra Sekhar Vorugunti, "Cryptanalysis of A robust and effective smart card-based remote user authentication mechanism using hash function", *IEEE 2014 Fifth International Conference on Computer and Communication Technology*, *ICCCT-2014*, jointly conducted by IEEE Communication Society and Motilal Nehru National Institute of Technology, Allahabad, IEEE Conference Record Number #, paper id: #11, **ISBN: 978-1-4799-6758-2, CD Version: 978-1-4799-6757-5**,26-28September 2014.

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7. M.Giri, Zabi ur Rahaman K, Chandra Sekhar Vorugunti, Mrudula, "A Robust and Efficient Smart Card Based Dynamic Identity Authentication Protocol", *IEEE International Conference on Networks and Soft Computing*, *ICNSC-2014*, jointly conducted by IEEE Hyderabad Section, IEEE Computational Intelligence Society , Science & Engineering Research Support Society (SERSC), Department of Science and Technology (DST) and Vignan's Foundation for Science, Technology and Research, Vignan's University, Guntur, A.P, India, paper id: 1569949165, IEEE Conference Record: #32139, IEEE Explore Compliant part: #CFP1442X-ART, **ISBN: 978-1-4799-3486-7**,19-20August 2014.

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Contemporary Computing, *IC3-2014*, jointly conducted by IEEE Computer Society, University of Florida and Jaypee Institute of Information Technology (JIIT), Noida, IEEE Conference Record Number #34056, paper id: #1569948293, **ISBN:978-1-4799-5173-4/14, h5-index =10**, **h5-median = 15** ,7-9August 2014.

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11. M.Giri D.K Girija, M S Shashidhara, "Data mining approach for prediction of fibroid Disease using Neural Networks", *IEEE International Conference on Emerging Trends in Communication, Control, Signal Processing & Computing Applications –C2SPCA 2013*, conducted by The OXFORD College of Engineering and Oklahoma State University, USA, paper id:108 , ISBN: 978-1-4799-1082-3, 10-11 October 2013.

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26. M. Giri, ZABI UR RAHAMAN .K, M.S. Shashidhara, " The Role of Mobile Agents in Mobile Computing" in the **national conference** at SITAMS, Chittoor, December, 2012.

27. M. Giri, Mahesha.S, M.S. Shashidhara, " A Survey towards web Mining" in the **national conference** at SITAMS, Chittoor, December, 2012.

28. "Prof. Gururaja .B .T, Mr.Zabi Ur Rahaman .K, M. Giri" Wireless Sensor Networks for Networked Manufacturing Systems in Remote area", in the **national conference** at SITAMS, Chittoor, December, 2012.

29. Mr.Mahesha.S, Mr.Irfan Ahamed, M. Giri, "A Survey On Web Clustering Engines", in the **national conference** at SITAMS, Chittoor, December, 2012.

9 Fee:

Details of fee as approved by State Fee Committee for the institution:
Tuition fees **87,000**/- per annum for a student.
Time schedule for payment of fee for the entire Programme: at time of admission of each year.
No.of fee waivers granted with amount and name of student: 59
Number of scholarship offered by the institution, duration and amount:
Criteria for Fee Waivers / Scholarship : 59
Estimated cost of Boarding and Lodging in Hostel: 4500/- per month.

10. Admission:

Number of seats sanctioned with the year of approval: 576

Admission Quota	:	Engineering & Technology
Entrance Test/ Admission Criteria	:	EAMCET Exam Admission based on the marks obtained in +2 Examinations (Physics + Chemistry + Mathematics)
Lowest cutoff marks in Previous year	:	Click Here

Duration & No. of seats:

S.No.	Name	Number of seats	Duration
UG (B.Tech)			
1	EEE	60	4 years
2	MECH	60	4 Years
3	ECE	120	4 Years
4	CSE	120	4 Years
5	CSE (AI& ML)	60	4 Years
6	IT	60	4 Years
PG (M.Tech)			
1	CSE	18	2 Years
2	ES	18	2 years
3	PEED	18	2 years
4	MBA	60	2 years

Number of students admitted under various categories each year in the last years:

Year	Department	Total Registered	SC	ST	BC	EBC	MINORITY
	STUDENTS REGISTERD DEPARTMENT WISE & BRANCH WISE 2021-22, 2020-21 & 2019-20.						
2021-22	EEE	13	1	1	8	2	1
	MEC	04	3	0	1	0	0
	ECE	22	3	0	16	2	1
	CSE	110	9	4	46	0	0
	IT	27	2	2	8	1	0
	CSE(AI & ML)	35	3	2	9	1	2
	M.TECH. CSE	01	0	0	1	0	0
	M.TECH. PEED	02	0	0	2	0	0
	MBA	12	2	0	6	1	0
	TOTAL	**226**	23	9	97	7	4
2020-21	EEE	02	1	0	0	1	0
	MEC	03	0	0	0	1	1
	ECE	15	0	0	2	8	0
	CSE	88	10	2	29	13	4
	IT	37	0	0	7	16	1
	CSE (AI & ML)	09	0	0	0	0	0
	M.TECH. CSE	3	0	0	1	0	0
	M.TECH. PEED	5	2	0	2	0	0
	MBA	31	0	0	11	6	1
	TOTAL	**193**	**13**	**2**	**52**	**45**	**7**
2019-20	EEE	0	0	0	0	0	0
	MEC	0	0	0	0	0	0
	ECE	67	1	2	28	36	0
	CSE	88	7	2	44	29	6
	IT	42	0	0	20	22	0
	M.TECH. CSE	04	2	0	1	1	0
	M.TECH. PEED	13	3	1	5	4	13
	MBA	36	3	0	20	12	0
	TOTAL	**250**	**16**	**5**	**118**	**104**	**19**

Number of applications received during last two years for admission under Management Quota and number admitted:

11. Admission Procedure:

UG & PG ADMISSION PROCEDURE: The UG & PG admissions are done as per the G.O. issued by Govt. of Telangana. TS EAMCET (Engineering & Medical Common Entrance Test) Entrance Test conducts by the government in the month of May every year. 70% of the intake seats are allotted by the government under Category A through centralized counseling and 30 % seats are to be filled by the colleges under Category B as per the guidelines issued by the government of Telangana. Final admitted candidate approved list will be Communicated by the TSCHE (Telangana State Council of Higher Education. The above norms are applicable for UG & PG courses.

The academic session starts with the guidelines and the academic calendar released by the affiliating university i.e. Jawaharlal Nehru Technological University, Hyderabad.

In respect of cancellation of seat during the period of the counseling, till the final date of the last phase of counseling. Cancellation of seat is done as per the procedure mentioned by the TSCHE.

❖ Mention the admission test being followed, name and address of the Test Agency and its URL (website).
   Convener Quota – TSEAMCET- website: http"//tseamcet.gov.in (Under Govt. of Telangana)
   Chairman of TSEAMCET – Admission & TSEAMCET – Examination is the Chairman of Telangana State Council for Higher Education.

❖ Number of seats allotted to different Test Qualified candidates separately [AIEEE / CET / STATE conducted test / University tests) / Association conducted test.

As per G.O. Ms. No. 09, Higher Education, dated 29-05-2017, the following are the details of seats allotted   to

Convener Quota and Management Quota.

No. of seats earmarked for Convener Quota equal to 70 % of total intake sanctioned in each programme.

No. of seats earmarked for Management Quota equal to 30 % of total intake sanctioned in each programme.

12. Criteria and Weightages for Admission:

- Describe each criteria with its respective weightage i.e. Admission Test, marks in qualifying examination etc.
- Mention the minimum level of acceptance, if any.
- Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years.
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted.

13. Results of Admission under Management seat / vacant seats:

❖ Composition of selection team for admission under Management Quota with the brief profiles of members (This information be made available in the public domain after the admission process is over.	List of the candidates who joined within the date vacancy position in each category before operation of waiting list.
❖ Score of the individual candidates admitted arranged in order to merit.	
❖ List of candidates who have been offered admission.	**Chairman / Secretary /CEO / Principal**
❖ Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates, the process is in progress. Details will be placed after the process is over.	

14. Information of Infrastructure and other Resources Available:

Land Area : 10.21 Acres

S. No.	Particulars	Total Built up area (Sq.m)
	Instructional	16,342
1	Circulation and others	6,119
2	Administrative	2,527
3	Amenities	5,055
Total :		30,043

Details of Instructional Area

S. No	Facility	Total No
1	Class Rooms	42
2	Tutorial Rooms	12
3	Laboratory Rooms	61
4	Seminar Halls	8
5	Drawing Halls	3
6	Conference Hall	1
7	Auditorium	1
8	R&D Cell	1

S. No	Facility	Total No
9	Workshops	3
10	Library	1
11	Computer center	1
12	Departmental Library	6
13	Life skills, Professional Skills and Employability skills labs	6
14	Language Labs	2

HIGHLIGHTS OF INFRASTRUCTURAL FACILITIES

- ICT FACILITIES
- Spacious class rooms
- Placement and Training Cell
- e-class rooms for all the departments
- State-of-the-Art Computer Centers
- Fully equipped Laboratories
- Required software in all the laboratories
- State-of-the Art Library
- English Language Communications Skills Lab
- Separate Hostels for Boys & Girls
- Life Skills & Employability Skills Labs

LIBRARY:

S. No.	Particulars	Availability	
1	No. of Titles of the books	6166	
2	No. of Volumes of the books	54887	
3	No. of Journals	National	72
		International	-
4	Seating Capacity	250	

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5	Reprographic Facility	Available

- Number of Library books/Titles/Journals available (All programme-wise) :
- List of online National/International Journals subscribed.

Online access to IEEE, IETE Computer Society and ACM transactions. E-Library facilities, DELNET, NDL, E-Shodh Sindhu available.

Laboratory and Workshop

List of Major Equipment/Facilities in each Laboratory /Workshop

List of Experimental Setup in each Laboratory / Workshop:

WORKSHOP: List of facilities available.

COMPUTING FACILITIES:

- Internet Bandwidth: Internet Leased line with a Bandwidth of 300 Mbps.

  Number and Configuration of Systems – 750 Nos with I5, I3 & Dual Core Processor.

  Total number of systems connected by LAN & WAN 750.

  Major software packages available

  Special purpose facilities available Project Development Center English Language Lab

  Well Equipped E- Class rooms with all required facilities like LCD Projectors, Audio

  Visual devices, connected with High speed internet bandwidth.

- **Innovation cell :** Available

- **Social Media Cell:** Available

  List of facilities available:

  Game and Sports Facilities : Available.

  Extra-Curricular Activities:

  Students Activity Body:

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Cultural activities - Facilities available in the Sports are

I. Indoor facilities		
1	Chess	
2	Caroms	for Men & Women
3	Table Tennis	

Outdoor facilities : Weight Tiring Hall

Cricket

Volley Ball

Foot Ball

Basket Ball

Badminton

Tennikoit

Kabaddi

Body vibrating machine

Play rod Olympic 50mm 7 Feets

Rods rack turf Pro

Semi commercial fitness machine AF 20 CM

Dumbbells rubber chrome

Demostic plain bench (Sit-up bench)

Demostic dumbbells rack

Demostic multi bench press AAF

Indian chrome plates 1 kg

Plain Rod Olympic 50 mm 6 feet

Demostic Twister AF 1111A

Zig Zag rod 28 mm 5 Feet

Demostic Plain bench (Sit-up bench) AF 06

Plain Rod Olympic 50 mm 4 Feets

Plate rack turf pro

Plain rod Olympic 50 mm 3 Feets

Plain rod Olympic 50 mm 5 Feets

Zig Zag rod 28 mm 3 Feets

`Demostic plain bench (sit-up bench) KFSB 13

Zig Zag rod 28 mm 4 Feets

Separate Sports room for Ladies

    1. Table Tennis

    2. Carroms for women

    3. Chess

Track and feed

- Soft Skill Development Facilities Available
- Number of Classrooms and size of each
- Number of Tutorial rooms and size of each Rooms -80, Class Room size : for B.Tech

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Classes 66 Sqm, for M.Tech Classes 66 Sqm

- Number of laboratories and size of each 25 Nos. -

- Number of drawing halls and size of each 2Nos. -209+ 207 Sqm

- Number of Computer Centres with capacity of 2 No. -190sqm each

- Central Examination Facility, Number of rooms and 2 Rooms of each 162sqm one room of 66 Sqm. for academic section, different class rooms and drawing hall conducting examinations available.

- Teaching Learning process Audio visual, E-classroom, Internet Lab, arranging Guest lectures. Curricula and syllabi for each of the programmes as approved by the University.

- Academic Calendar of the University.

- Internal Continuous Evaluation System and place.

Soft Skill Development Facilities : Available.

Teaching Learning Process:

Students are the first and foremost stakeholders of the college. The teaching learning process is student centric by default and sufficient space is provided for that in academic plan. The institution has adapted to Outcome Based Education. OBE is recognized as a modern method for teaching-learning process. For OBE to be successful, it is imperative for teachers to comprehend the advantages of OBE and develop / modify resources. The college has mooted initiatives to successfully implement OBE. Interactive learning: The College provides state of the art seminar halls and e class rooms where students participate in group discussions, debates and seminars. Infrastructure for ICT enabled teaching and learning.. The college organizes guest lectures and arranges industrial visits for students to develop their interactive, collaborative and independent

learning. On necessary topics, Interactive lectures with Industry experts are initiated. Collaborative learning: The department maintains departmental libraries and internet facility to access all the journals, e-material, e-books etc., through library server enabling the students and faculty to keep abreast of the latest developments in their respective fields. Institute periodically conducts orientation programs / workshops on new pedagogy methods to the faculty. Problem based learning was implemented in the tutorial classes by the faculty.

The institute also encourages getting MOU with the industries for better training in core fields and bridging the gap between academics and the industry. The students in a class room are divided into groups of six with a topper in each group. These groups are encouraged to promote cooperative learning concept, where they express knowledge within the group and have healthy competition Mini projects and main projects which are part of curriculum are done by students by forming a group. The institute encourages departments to conduct hands on experience workshops like Android applications, Robotics, Arduino and Raspberry Pi etc for students. Independent learning: The institute provides well stocked library which consists of bulk of books, journals, project reports and other teaching materials for the use of students and faculty. College has institutional membership for GDLC – Galileo Integrated Digital Learning Centre, DELNET – Developing Library Network, NDL – National Digital Library which can be

accessed by all the students the department provides well equipped and advanced labs for improving programming skills & logical thinking. Students are encouraged to do online courses through SWAYAM. Courses hosted on SWAYAM will be NPTEL for engineering, IIMB for management studies. Faculty and students has got the access to NPTEL video lectures for effective teaching learning practices. Students are also encouraged to use MITS open courseware. Students are encouraged to give seminars starting from first year on the basics / fundamentals of subjects. The students are encouraged to attend workshops and conferences. Students are encouraged to take up engineering projects in community service.

- **Curricula and syllabus for each of the Programmes as approved by the university:**

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 academic calendar issued by the affiliating university forms the basis for designing the college academic calendar. The college academic calendar consists of commencement date and last working date, teaching periods, dates for conduction of the internal assessment tests &extra co-curricular activities. 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. The development & deployment of processes and action plan for effective implementation of the curriculum are detailed below: After admission, I year students are given an interactive orientation program.

The Heads of Department present the ppt about road map of total program courses with the curriculum of core subjects, the course outcomes and how the supportive subjects are enjoined at different stages as prerequisites. Each department exclusively has set of Vision and Mission, which are aligned with the Vision and Mission of the College. As per OBE, Program Educational Objectives (PEO) and Program Outcomes (PO) are scripted for each program and Course Objectives and Course Outcomes (CO) are defined for each course (Theory & Practical). 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. Course In-charge Plans & Delivers the course contents, takes care of designing of course objectives & Outcomes, Mapping COs with POs, 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. Every 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. Well-structured lesson plans are prepared/ revised for all theory and practical courses on a period to period basis and are made available for student's access. They are periodically reviewed by IQAC members. Class In-charge monitors all courses in the class working along with Course In-charge, monitors the syllabus coverage in class, support overall conduction of T-L process in the class room. 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. College implements Outcome Based Education in which 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.

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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. Advanced labs are set up in the college to strengthen the curriculum delivery by way of conducting practicals. 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.

- **Academic Calendar of the university**

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, day-to-day 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.

- **Academic Time Table with the name of the Faculty members handling the course.**

- **Teaching Load of each Faculty- copy enclosed.**

- **For each Post Graduate Courses give the following:**

- **Title of the course: M.Tech (CSE), M.Tech (PEED) & M.Tech (ES).**

- **Curricula and Syllabi – Available.**

- **Laboratory facilities exclusive to the Post Graduate Course- Available.**

- **Special Purpose:**

   Software, all design tools in case- Available.

   Academic calendar and frame work- copy enclosed

   16. Enrollment of students in the last 3 years

   17. List of Research Projects / Consultancy works.

   - **Number of Projects carried out, funding agency, grant received-02**

      1. **Entrepreneurship Awareness Camp**

         Investigator: Dr. S.Sathish Kumar

         Duration: 14-11-2019-16-11-2019

         Funding agency: DST-NMIAT

      2. **Entrepreneurship Awareness Camp**
         Investigator: Dr. S.Sathish Kumar

         Duration: 01-11-2018 –   03-11-2018

         Funding agency: DST-NMIAT

   - **Publication out of research in last three years out of masters projects.**

Publication out of research during the last three years

S.N	Title of paper	Name of the	Name of	Year of	ISSN	Paper

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O.		author/s	Journal	publication	number	Published in National / International/ Journal conference
1	Lean Thinking for Shortening the Level of Zoonotic Corona-Virus and Its Harmful Effects of Human's Fear in India	G. Vijaya Kumar	Journal of Environmental Protection and Ecology	2020-21	ISSN:1764– 1770	International Journal
2	A Single Phase Isolated Transformer based asymmetrical nine level inverter with reduced number of switches	P Rajendar	IJRECE	2020-21	ISSN: 2393-9028	International Journal
3	BLDC Motor Fed by Ann Based MPPT Applied Solar PV Array for Water Pumping System Based On Luo Converter	P Rajendar	IJRECE	2020-21	ISSN: 2393-9028	International Journal
4	HARMONIC ANALYSIS OF NR & ELITIST TLBO ALGORITHMS IN CONTROL OF SOLAR FED CASCADED MULTILEVEL LEVEL INVERTER	Dr.S.Sathish Kumar	International Journal of Power Systems	2020-21	ISSN: 2367-8976	International Journal
5	Generalized State Space Average Model for Multi-Phase Interleaved Buck, Boost and Buck-Boost DCDC Converters: Transient, Steady-State and Switching Dynamics	S Anantha Sai	JETIR	2020-21	ISSN-2349-5162	International Journal
6	Generalized State Space Average Model for Multi-Phase Interleaved Buck, Boost and Buck-Boost DCDC Converters: Transient, Steady-State and Switching	R.Venkateswarlu	JETIR	2020-21	ISSN-2349-5162	International Journal

	Dynamics					
7	HYBRID ENERGY STORAGE FOR MICROGRID PERFORMANCE IMPROVEMENT UNDER UNBALANCED AND NON-LINEAR LOAD CONDITIONS	Dr R Ravi Kumar	IJRECE	2020-21	ISSN: 2393-9028	International Journal
8	A new implementation of FUZZY-MPPT based DC-DC converter topology of photovoltaic systems	M.Shasikanth	IJRECE	2020-21	ISSN: 2393-9028	International Journal
9	PBFP: Probabilistic-Based Fault Prediction Method for Effective Fault Management in Distributed Sensor Network	Dr. V. Usha Shree	Solid State Technology	2020-21	ISSN: 0038-111X	International Journal
10	Fault prediction based on spatial correlation analysis using VSM in distributed sensor network	Dr. V. Usha Shree	Materials Today: Proceedings (ELSEVIER)	2020-21	ISSN: 2214-7853	International Journal
11	Stochastic Gradient Descent Linear Collaborative Discriminate Regression Classification based Face Recognition	Dr. V. Usha Shree	Evolutionary intelligence (Springer)	2020-21	ISSN: 12065-021-0058	International Journal
12	Hybrid wavelet based aerial Image Enhancement using Geo Rectification and Homomorphism Filtering	Dr. V. Usha Shree	Arabian journal of geo sciences (Springer)	2020-21	ISSN:1235(2021)	International Journal
13	Paradisiaca/Solanum Tuberosum Biowaste Composited with Graphene Oxide for Flexible Supercapacitor	Dr. S Prabhakara Rao	Journal of New Materials for Electrochemical Systems	2020-21	ISSN: 2292-1168	International Journal

	Title	Author	Journal	Year	ISSN	Type
14	Fault prediction based on spatial correlation analysis using VSM in distributed sensor network	M. Srinivasa Rao	Materials Today: Proceedings (ELSEVIER)	2020-21	ISSN: 2214-7853	International Journal
15	A Novel Parallel Algorithm for Classification of Heavy structured Big Data	Dr.M.Giri	GIS Science Journal	2020-21	ISSN NO : 1869-9391	International Journal
16	The Discriminate Analysis Approach for Evaluating Effectiveness of Learning in an Instructor-Led Virtual Classroom	Dr.D.Magdalene Delighta Angeline	International Journal On Smart Sensing And Intelligent Systems	2020-21	ISSN: 1178-5608	International Journal
17	Startups brand building using digital platforms in India	Dr.P.Naga Krishna	parishod journal	2019-20	ISSN NO: 2347-6648	International Journal
18	Startups brand building using digital platforms in India	Dr.T.Mallikarjuna Raju	parishod journal	2019-20	ISSN NO: 2347-6648	International Journal
19	Role of online communities in building customer loyalty	Dr.T.Mallikarjuna Raju	Anveshana's International Journal of Research in Regional Studies, Law, Social Sciences, Journalism and Management Practices	2019-20	VOLUME 4, ISSUE 12 (2019, DEC) (ISSN-2455-6602)ON LINE	International Journal
20	Role of online communities in building customer loyalty	N.Hari Prasad	Anveshana's International Journal of Research in Regional Studies, Law, Social Sciences, Journalism and Management Practices	2019-20	VOLUME 4, ISSUE 12 (2019, DEC) (ISSN-2455-6602)ON LINE	International Journal

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	Title	Author	Journal	Year	ISSN	Type
21	A Deep learning-aided Handwritten Digits Recognition	Mr.M.Ravi Kumar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019-20	ISSN: 2278-3075	International Journal
22	A Fault Diagnosis Method based on Node Dynamic Behavior Status Prediction in Distributed Sensor Network	M. Srinivasa Rao	International Journal of Advanced Science and Technology (IJAST)	2019-20	ISSN: 2005-4238	International Journal
23	A Fault Diagnosis Method based on Node Dynamic Behaviour Status Prediction in Distributed Sensor Network	Dr. S. Prabhakara Rao	International Journal of Advanced Science and Technology (IJAST)	2019-20	ISSN: 2005-4238	International Journal
24	A Novel Neural Network based Motion Estimation and Compensation based Video Enhancement	Dr. V. Usha Shree	Science technology and Development Journal	2020-21	0950-0707	International Journal
25	A Fault Diagnosis Method based on Node Dynamic Behaviour Status Prediction in Distributed Sensor Network	Dr. V. Usha Shree	International Journal of Advanced Science and Technology (IJAST)	2019-20	ISSN: 2005-4238	International Journal
26	A Fine Grained research Over Human Action Recognition	Dr. V. Usha Shree	International Journal of Innovative Technology and Exploring Engineering (IJITEE)-Scopus	2019-20	ISSN: 2278-3075	International Journal
27	A low-cost monitoring system for maximum power point of a photovoltaic system	P.Rajendar	Journal of Information and Computational Science	2019-20	ISSN: 1548-7741	International Journal

28	A New Cascaded Three Port Converter Topology with Soft Switching and small Inductor Currents	G Naveen	International Journal & Magazine of Engineering Technology, Management and Research	2019-20	ISSN 2348-4845	International Journal
29	A New Cascaded Three Port Converter Topology with Soft Switching and small Inductor Currents	P Rajendar	International Journal & Magazine of Engineering Technology, Management and Research	2019-20	ISSN 2348-4845	International Journal
30	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	2019-20	ISSN NO: 2320 – 5547	International Journal
31	A Novel Enter Word Search With Nominated Tester And Timing Facilitate Exchange Re Cipher Text Role For Online Physical Clouds	Mr. CH. China Subba Reddy	(IJITR) International Journal of Innovative Technology And Research	2019-20	ISSN NO: 2320 – 5547	International Journal
32	A rapid microwave-assisted synthesis of silver nanoparticles using Ziziphus jujuba Mill fruit extract and their catalytic and antimicrobial properties	Dr.D.Rajesh	Chemical Papers	2019-20	1341– 1354	International Journal
33	An advanced RFID based embedded vehicle controlling and monitoring system	A.Rajaiah	International journal of research (IJR)	2019-20	ISSN 2231-6124	International Journal
34	An advanced RFID based embedded vehicle controlling and monitoring system	M.Govind	International journal of research (IJR)	2019-20	ISSN 2231-6124	International Journal

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35	Assorted Expressive Cross-Standard Based Hashing Scheme	Mr. Ch. China Subbareddy	(IJITR) International Journal of Innovative Technology And Research	2019-20	ISSN NO: 2320 – 5547	International Journal
36	Assorted Expressive Cross-Standard Based Hashing Scheme	Mr.S.Hemanth Chowdary	(IJITR) International Journal of Innovative Technology And Research	2019-20	ISSN NO: 2320 – 5547	International Journal
37	Cascade Multilevel STATCOM as a Solution to Improve the Voltage Profile of a Power Grid	Dr.S.Sathish Kumar	Journal of Information and Computational Science	2019-20	ISSN: 1548-7742	International Journal
38	D2MM-CNN: Difference Depth Motion Map And Convolution Neural Networks For Human Action Recognition	Dr. V. Usha Shree	International Journal of Advanced Science and Technology (IJAST)-	2019-20	ISSN: 2005-4238	International Journal
39	Efficient The Cloud Data Over The Central Revelation	Dr.M.Giri	International Journal For Innovative Engineering And Management Research	2019-20	ISSN NO: 2456-5083	International Journal
40	Efficient The Cloud Data Over The Central Revelation	Mr.G.Narayana	International Journal For Innovative Engineering And Management Research	2019-20	ISSN NO: 2456-5083	International Journal
41	Hybrid Modelling and Control of an Obstacle Avoidance Quadcopter	Dr R Ravikumar	Journal of Advanced Research in Dynamical & Control Systems	2019-20	ISSN 1943-023X	International Journal
42	Hybrid Modelling and Control of an Obstacle Avoidance Quadcopter	G.Naveen	Journal of Advanced Research in Dynamical & Control Systems	2019-20	ISSN 1943-023X	International Journal

No.	Title	Author	Journal	Year	ISSN	Type
43	Implementation of Solar PV Array Fed BLDC Motor Driven Water Pump	P.Veeresh	Journal of Information and Computational Science	2019-20	ISSN 1548-7741	International Journal
44	Performance Evaluation of Variable Structure Controller Based on Sliding Mode Technique for a Grid-Connected Solar Network	Dr R Ravikumar	Journal of Information and Computational Science	2019-20	ISSN: 1548-7741	International Journal
45	Power Quality Improvement by using Unified Power Quality Conditioner Integrating Distributed Generation	G.Naveen	Journal of Information and Computational Science	2019-20	ISSN: 1548-7743	International Journal
46	Rearrange Based On Identity And Application In Email In The Cloud	Dr. G.Narayana	(IJITR) International Journal of Innovative Technology And Research	2019-20	ISSN NO: 2320 – 5547	International Journal
47	Rearrange Based On Identity And Application In Email In The Cloud	Dr. M.Giri	(IJITR) International Journal of Innovative Technology And Research	2019-20	ISSN NO: 2320 – 5547	International Journal
48	Spatio-Temporal Depth Motion Descriptor For Action Recognition Using 2d Convolution Neural Networks	Dr. V. Usha Shree	Studia Rosenthaliana (Journal for the Study of Research)	2019-20	ISSN NO: 1781-7838	International Journal
49	Synthesis, Characterization of (R)-N-(1-Hydrazinyl-1-Oxopropan-2- YL)-2-(2-(4-(3-Methyl-5-Oxo-4-(2-Phenylhadrazono)-4, 5-Dihydro-1hpyrazol-1-YL) Phenoxy) Acetamido) Acetamide	Dr.D.Rajesh	Biomedical and Pharmaceutical sciences	2019-20	2349-8870	International Journal

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50	The Classified Checking With Cipher Text Grid Traffic In Portable Messaging Applications	Dr. M.Giri	(IJITR) International Journal of Innovative Technology And Research	2019-20	ISSN NO: 2320 – 5547	International Journal
51	The Classified Checking With Cipher Text Grid Traffic In Portable Messaging Applications	Dr.T.Prabakaran	(IJITR) International Journal of Innovative Technology And Research	2019-20	ISSN NO: 2320 – 5547	International Journal
52	A New Simple Rp – HPLC Method for Simultaneous Estimation of Meropenem and Vaborbactam in Tablet Dosage Form	B.Bala Swamy	IAJRC	2018-19	0974-4169	International Journal
53	A New Stability Indicating RP-HPLC-PDA Method for Simultaneous Estimation of Neomycin and Fluocinolone in Pharmaceutical Tablet Dosage Form	B.Bala Swamy	IJPSR	2018-19	0975-8232	International Journal
54	A New three-port Interleaved Boost Full Bridge Converter Fed Induction Motor Drive	G.Naveen	International Journal of Research	2018-19	ISSN 2348-6848	International Journal
55	A New three-port Interleaved Boost Full Bridge Converter Fed Induction Motor Drive	P.Rajendar	International Journal of Research	2018-19	ISSN 2348-6848	International Journal
56	A Novel Hybrid Energy Source Based Unified Power Quality Conditioner with Effective Coordinate control	G.Naveen	International Journal of Research	2018-19	ISSN 2348-6848	International Journal

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57	A Novel Hybrid Energy Source Based Unified Power Quality Conditioner with Effective Coordinate control	P.Rajendar	International Journal of Research	2018-19	ISSN 2348-6848	International Journal
58	A Novel Predictive control based Multi Input Multi Output Switched capacitor Step-Up Converter	G.Naveen	International Journal of Research	2018-19	ISSN 2348-6848	International Journal
59	A Novel Predictive control based Multi Input Multi Output Switched capacitor Step-Up Converter	P.Rajendar	International Journal of Research	2018-19	ISSN 2348-6848	International Journal
60	A Review on Faults and Anomaly Behaviour for Fault Diagnosis and Prediction in the Distributed Network	Dr. S.Prabhakar Rao	JETIR	2018-19	ISSN-2349-5162	International Journal
61	A Review on Faults and Anomaly Behaviour for Fault Diagnosis and Prediction in the Distributed Network	Dr.V.Usha Shree	JETIR	2018-19	ISSN-2349-5162	International Journal
62	A Review on Faults and Anomaly Behaviour for Fault Diagnosis and Prediction in the Distributed Network	M.Srinivasa Rao	JETIR	2018-19	ISSN-2349-5162	International Journal
63	A Secure Automated Signature Generation And Identification Of Harmful Malware Based On Traffic Flow	Dr.C.V. Madhusudan Reddy	International Journal of Emerging Technologies and Innovative Research	2018-19	ISSN:2349-5162	International Journal
64	A Secure Automated Signature Generation And Identification Of Harmful Malware Based On Traffic Flow	Dr.M.Giri	International Journal of Emerging Technologies and Innovative Research	2018-19	ISSN:2349-5162	International Journal

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65	A Secure Automated Signature Generation And Identification Of Harmful Malware Based On Traffic Flow	Mr. M. Ravi Kumar	International Journal of Emerging Technologies and Innovative Research	2018-19	ISSN:234 9-5162	International Journal
66	A Simplified PMSM Drive fed MIMO Boost Converter for Electric Vehicles	G.Naveen	International Journal of Research	2018-19	ISSN 2348-6848	International Journal
67	A Simplified PMSM Drive fed MIMO Boost Converter for Electric Vehicles	P.Rajendar	International Journal of Research	2018-19	ISSN 2348-6848	International Journal
68	A Study of SWOT Analysis on Demonetization	Y. Jyothsna	International Journal of Research	2018-19	ISSN NO: 2236-6124	International Journal
69	A Study of SWOT Analysis on Demonetization	ArshiaTabassum:	International Journal of Research	2018-19	ISSN NO: 2236-6124	International Journal
70	A Study On Employee Perception Towards Performance Appraisal System In Software Industry	Dr.T.Mallikarjuna Raju	International Journal of Research	2018-19	ISSN NO: 2236-6124	International Journal
71	A Study On Performance Management In Indian MSMEs	Dr.P.Naga Krishna	Indian Academic Research Association – Research Explorer, UGC list No: 63185, ISSN (Print): 2250–1940	2018-19	UGC list No: 63185, ISSN (Print): 2250–1940	International Journal
72	A study on the impact of GST on Financial Institutions	Dr.P.Naga Krishna	Indian Academic Research Association – Research Explorer, UGC list No: 63185,	2018-19	UGC list No:45759 ISSN (Print): 2250–1940	International Journal

73	A Survey on Conceptualisation of RF Energy Harvesting	G.Srinivasu	JASC	2018-19	ISSN NO: 1076-5131	International Journal
74	An Advanced Control for the 3- Phase NPC converter Fed Electric Vehicle Charging Station	M. Shasikanth	International Journal of Research	2018-19	ISSN 2348-6848	International Journal
75	Cardinal Digital image Data Fortification Expending Steganography	Mr.B.Praveen	ICASET	2018-19	ICASET-29761	International Journal
76	Comparison of AES and DES Algorithms Implemented on Virtex-6 FPGA and Micro blaze Soft Core Processor	Dr.V.Usha Shree	IJECE	2018-19	ISSN: 2088-8708	International Journal
77	Conceptualization of Centralized Schemes for Fault Management in Wireless Sensor Networks	Dr.V.Usha Shree	JASC	2018-19	ISSN NO: 1076-5131	International Journal
78	Conceptualization of Centralized Schemes for Fault Management in Wireless Sensor Networks	M.Srinvasa Rao	JASC	2018-19	ISSN NO: 1076-5131	International Journal
79	Advertising regulations in India	Dr.T.Mallikarjuna Raju	Journal for Studies in Management and Planning	2018-19	ISSN : 23950463	International Journal
80	Developing a conceptual framework to study the impact of television advertising on children	Dr.T.Mallikarjuna Raju	International Journal of Enhanced Research in Management & Computer Applications	2018-19	ISSN : 23197471	International Journal

81	Does exposure to television advertisements increase the children purchase requests?	Dr.T.Mallikarjuna Raju	International Journal of Enhanced Research in Management & Computer Applications	2018-19	ISSN : 23197471	International Journal
82	Influence of children in family purchase decision making: Parents' perceptions	Dr.T.Mallikarjuna Raju	International Journal of Enhanced Research in Management & Computer Applications	2018-19	ISSN : 23197471	International Journal
83	Parent's perception about the stakeholders role in minimizing the negative effects of television advertising on children in India	Dr.T.Mallikarjuna Raju	Journal for Studies in Management and Planning	2018-19	ISSN : 23950463	International Journal
84	Dual operating robot through raspberry pi and web applications	M.Govindu	IJRI	2018-19	ISSN: 2581-7280	International Journal
85	Dynamic computational resource management technique for solving engineering problem	Mr. Dasari Govardhan	ELSEVIER - Materials Today	2018-19	ISSN: 22 14-7853	International Journal
86	Experimental Study in micro machining of SS304 by using electric discharge machining	M.Ravi Kumar	ELSEVIER - Materials Today	2018-19	ISSN: 22 14-7853	International Journal
87	Hydrodynamics of a fish using fluid structure interaction	Mr. Dasari Govardhan	ELSEVIER - Materials Today	2018-19	ISSN: 22 14-7853	International Journal

88	MATLAB Based Control of Active Power Exchange with Auxiliary Power Loop In A single-Phase Cascaded Multilevel Converter-Based Energy Storage System	R.Venkateswarlu	Journal Of Emerging Technologies and Innovative Research	2018-19	ISSN 2349-5162	International Journal
89	MATLAB Based Control of Active Power Exchange with Auxiliary Power Loop In A single-Phase Cascaded Multilevel Converter-Based Energy Storage System	S Anantha Sai	Journal Of Emerging Technologies and Innovative Research	2018-19	ISSN 2349-5162	International Journal
90	Modeling and simulation of SVPWM modulated input switched hybrid 9 level converter for 3 phase grid connected PV energy generation systems	Dr.S.Sathish Kumar	ICSES transaction on Computer hardware and Electrical Engg	2018-19	ISSN: 24 67-294X	International Journal
91	Operation Speculate On Epoxy Resin Reinforcement Of Aluminum Oxide And Silicon Carbide On Glass Fiber Laminate	L Sreenivasa Rao	Journal of Emerging Technologies and Innovative Research	2018-19	ISSN 2349-5162	International Journal
92	Optimization technique to linear discriminate regression for face recognition	Dr.V.Usha Shree	IJET	2018-19	ISSN 6741-6746	International Journal
93	OPTIMUM PROCESS PARAMETERS FOR FRICTION STIR PROCRSSING BY USING TAGUCHI TECHNIQUE	L Sreenivasa Rao	International Journal of Advanced Research in Engineering and Applied Sciences	2018-19	ISSN: 2278-6252	International Journal

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94	Prioritization of consumer socialization factors with respect to Indian children	Dr.T.Mallikarjuna Raju	Journal for Studies in Management and Planning	2018-19	ISSN : 23950463	International Journal
95	Role of chat bots in marketing in Indian context	Dr.T.Mallikarjuna Raju	Anveshana's International Journal of Research in Regional Studies, Law, Social Sciences, Journalism and Management practices	2018-19	ISSN-2455-6602	International Journal
96	Synthesis of Novel Substituted Quinoxaline - Piperazine Derivatives Catalyzed by Polymer Supported Reagents and Their Biological Applications	Dr.D.Rajesh	International Journal of Engineering Technology Science and Research	2018-19	2394 – 3386	International Journal
97	synthesis, characterization of (r)-n-(1 hydrazine -1-oxopropan-2- yl)-2-(2-(4-(3-methyl-5-oxo-4-(2-phenylhadrazono) - 4, 5-dihydro-1hpyrazol-1-yl) phenoxy) acetamido) acetamide	Dr.D.Rajesh	European Journal of Biomedical and Pharmaceutical sciences	2018-19	2349-8870	International Journal
98	Transformer less PV Inverter Based n Interleaving High Frequency Legs Providing Bidirectional Capability with an Extended Supply of Wind Energy	P.Rajendar	International Journal of Research	2018-19	ISSN 2348-6849	International Journal

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99	Transformer less PV Inverter Based on Interleaving High Frequency Legs Providing Bidirectional Capability with an Extended Supply of Wind Energy	G.Naveen	International Journal of Research	2018-19	ISSN 2348-6848	International Journal
100	Unified Power Factor Control System With Capacitive Bank	R.Venkateswarlu	International Journal of Emerging Technologies and Innovative Research	2018-19	ISSN:2349-5162	International Journal
101	Unified Power Factor Control System With Capacitive Bank	S Anantha Sai	International Journal of Emerging Technologies and Innovative Research	2018-19	ISSN:2349-5162	International Journal
102	Voice based Hot and cold water dispenser system using Raspberry PI	K. Rakesh	International Journal of Management, Technology And Engineering	2018-19	ISSN : 2249-7455	International Journal
103	Video Compression using Mode-dependent Vector Quantization of intra frame residue and entropy adaptive quantization	Dr.V.Usha Shree	IJRAR	2018-19	ISSN :2349-5138	International Journal
104	MPEG video Compression with motion Vector Compression with DPCM	Dr.V.Usha Shree	IJRECE	2018-19	ISSN-2348-2281	International Journal

18. LOA and subsequent EOA till the current Academic Year

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All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2021-22
Extension of Approval (EoA)

F.No. South-Central/1-9321124380/2021/EOA   Date: 02-Jul-2021

To,

The Principal Secretary
(Higher Education) Govt. of
Telangana,D Block, 117
Telangana Secretariat, Hyderabad

Sub: Extension of Approval for the Academic Year 2021-22

Ref: Application of the Institution for Extension of Approval for the

Academic Year 2021-22 Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, Notified on 4th February, 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-9994480	Application Id	1-9321124380
Name of the Institution /University	JOGINPALLY B.R. ENGINEERING COLLEGE	**Name of the Society/Trust**	JOGINPALLY B.R. EDUCATIONAL SOCIETY
Institution /University Address	SURVEY NO.220/221, YENKAPALLY VILLAGE, HIMAYATNAGAR POST, MOINABAD MANDAL, RANGA REDDY DISTRICT. HYDERABAD...., HYDERABAD, RANGAREDDI, Telangana, 500075	**Society/Trust Address**	4TH FLOOR, BHASKAR PLAZA, BESIDES CARE HOSPITAL, ROAD NO.1, BANJARA HILLS, HYDERABAD - 500034,HYDERABAD,RANGARED DI,Telangana,500034
Institution /University Type	Private-Self Financing	**Region**	South-Central

To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status

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ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION TECHNOLOGY	Jawaharlal Nehru Technological University, Hyderabad	60	60	NA	NA
MANAGEMENT	POST GRADUATE	MBA	Jawaharlal Nehru Technological University, Hyderabad	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	EMBEDDED SYSTEMS	Jawaharlal Nehru Technological University, Hyderabad	18	9**	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER ELECTRONICS AND DRIVES	Jawaharlal Nehru Technological University, Hyderabad	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING(ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	Jawaharlal Nehru Technological University, Hyderabad	60	60	NA	NA

**Intake reduced due to the admissions less than or equal to 30% of the initial "Approved Intake" for the past 5 years consistently $$ New Course(s)/Increase in Intake should be offered in Emerging Area.

Prof.Rajive Kumar

Member Secretary, AICTE

Copy ** to:

1. **The Director of Technical Education**, Telangana**

2. The Registrar**,
   Jawaharlal Nehru Technological University, Hyderabad

3. **The Principal / Director,**
   JOGINPALLY B.R. ENGINEERING COLLEGE
   Survey No.220/221, Yenkapally Village,
   Himayatnagar Post, Moinabad Mandal, Ranga Reddy
   District.Hyderabad.Rangareddi,Telangana, 500075.

4. **The Secretary / Chairman,**
   4TH FLOOR, BHASKAR PLAZA, BESIDES CARE HOSPITAL, ROAD NO.1,
   BANJARA HILLS, HYDERABAD - 500034HYDERABAD,RANGAREDDI
   Telangana, 500034

5. **The Regional Officer,**
   All India Council for Technical
   Education First Floor, old BICARD
   Building Jawaharlal Nehru
   Technological UniversityMasab
   Tank, Hyderabad-500076

19. Accounted audited statement for the last three years: Copy enclosed.

20. Best Practices adopted, if any

Best Practice 1: Title of the Practice: **Outcome based Education** objectives of the Practice: 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 inter relationships 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, so that, under the faculty's guidance, they can explore and experiment with their new learning, correct errors, and adjust thinking.

Best Practice 2 1. Title of the Practice: Placement **Based training in Engineering Education Objectives of the Practice**: The main objective of this practice is 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

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the Training and Placement is to guide students to choose right career and to give knowledge, & skilled manpower which requirements of the Industry standards.

Best Practice 3 1. Title of the Practice: **Life Skills & Employability skills** - **LIFE SKILLS HUB**: Objectives of the Practice: LIFE SKILLS HUB - This Programme is intended for the purpose of "Introduction, Implementation of Life Skills & Employability Skills training for students in the main stream four year under graduation courses of Joginpally B.R Engineering College The objective of this Life Skills HUB is to enable the students to learn and practice Life Skills, Leadership skills and Employability Skills. This helps the students to be more competent in dealing with the day to day challenges and lead a positive life in order to achieve their desired Career & Personal goals. Life skills can act as a single capsule for teaching students' art of life and giving solution to most of their problems. It develops the way of seeing problems and letting to prepare to handle difficult situations. It provides intrinsic motivation for growth and progress.

The main Objective of the **Life Skills HUB** is to transform the Students and the Institution by adapting a structured implementation strategy using experiential learning methodology, NLP

Techniques, Training and principles of coaching for imparting life skills & behavioral competencies. The Underlying principle behind this program is to adapt co-creative relationship & collaborative learning strategies to allow students to come-up with more innovative learning ideas. Lab Sessions are delivered with activities, videos, real-life case studies and assessments.

Supporting materials include articles, eBooks, audio & video clips, worksheets and case studies.

Life skills have the ability to bring tremendous modification in engineering student's behavior and their way to approach engineering field, job market and finally their life.

Best Practice 4 1.**Title of the Practice: Empowerment of Students and Teachers through Synchronous & Asynchronous Instructions (National Mission on Education through ICT (NME-ICT) of MHRD)) Objectives of the Practice**:: 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. This project is called 'Empowerment of Students and Teachers through Synchronous and Asynchronous Instruction; 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 A view 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.

The trained Coordinators then act as Workshop Coordinators during the main workshop, liaising between the participants at their Remote Centers and IIT BOMBAY and IIT KHARAGPUR. During the main workshop, the Workshop Coordinator at every center supervises the tutorials and laboratories. As a result

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of this Methodology Empowerment of Students and Teachers of Joginpally B.R.Engineering College, Hyderabad, India, through Synchronous & Asynchronous Instructions are utilized in the learning and Teaching methods to improve the subject knowledge and used to implement OBE model for better attainment values for Course Outcomes and Programs Outcomes for courses in the areas of Electronics and Communication Engineering, Electrical and Electronics Engineering, Computer Science and Engineering and Mechanical Engineering Education at Undergraduate level.

BEST PRACTICE 5 :

Title of the Practice: Bridging the Gap between Industry and Institute

Objectives:

1. Memoranda of Understanding between the Institute and industries to bring the two sides Emotionally and strategically closer.
2. Students visiting industries to gain knowledge
3. Organizing Workshops, conferences and guest lecturers with joint participation of the faculty and the Industries.
4. Professional consultancy by the faculty to industries.
5. B.Tech and M.Tech Projects/dissertation work in industries under the joint guidance of the faculty and experts from the industry.

The Context

With the advent of globalization and opening up of the Indian economy to the outside world, competition among industries has become stiff. The companies are introducing new technologies and engineering methodologies to solve their engineering problems.

The Institution has taken the initiative to interact with various industries through the Industry Institute Interaction Committee that maintains professional relations with industries. Industrial visits are arranged for students and faculty members to gain practical exposure and keep abreast of their knowledge.

To achieve academic excellence, students are encouraged to interact with industries and research organizations through Seminars, Workshop, industrial visits, sponsored projects, training programs, internships, consultancy etc. Industry professionals are regularly invited to share their knowledge with the students. It opens up a fresh avenue for enthusiastic young minds and faculty members to develop skills across diverse areas, including managerial skills, social responsibilities and Industrialization.

The Practice

To strengthen the Institution Interaction with Industry, the institution is a member of reputed Industry

Professional bodies. The institution interacts with some industries which provide numerous Interventions, architect solutions, recommendations and training to academia throughout the year. JBREC focuses on faculty development programs, student development programs and international linkages. The industrialization program is aimed at developing Meaningful relationships with Industries to create and strengthen mutually beneficial relationships between Institution and Industry.

Evidence of Success

The outcome of this practice is connected new curriculum development, faculty development programs, developing better teaching practices, building industry partners for internship, having industry expert ecosystem with strong backup from management of engineering colleges. This consistent ecosystem should provide new thoughts and latest happenings in a motivating and thought providing manner.

Best Practice-6

1. Title of the Practice: Learner-Centric Pedagogy is integrated for the achievement of graduate Attributes.

2. Objectives of the Practice

1. Develop a learning environment that is centered around the learner.

2. To train the members of faculty on pedagogical teaching and learning.

3. Development of knowledge and process skills through course-based projects.

4. To impart the importance of using ICT tools in teaching.

5. To educate the faculty on new innovations and practices of teaching through ITW.

6. Each student must achieve Graduate Attributes.

7. To promote outcome-based education in teaching and learning.

3. The Context

JBREC is able to meet the needs of such diversity by combining several Pedagogical - Learner-Centric Methods.

4. The Practice

At all levels, employees are influenced and imbibed with "The Seven Habits of Highly Successful People." In this way, intrinsic motivation is encouraged.

1. Using Learning by Doing and Think-Pair-Share in addition to Process-Oriented Guided Inquiry Learning can lead to a more cooperative learning experience.

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2. To enhance the LSRW skills (Listening, Speaking, Reading and Writing). These training sessions are conducted with an objective to improve the comprehension skills of faculties. Two trainers are provided for each batch to ensure that every faculty gets the attention needed thus making sure that there is maximum participation. Faculties are given team tasks and activities thus encouraging participative learning.

3. A platform for modeling and developing projects is provided by "Course-Based Projects".

4. Teacher and student establish goals using "Career Vision Approach".

5. Learning can also take place outside of conventional classrooms with blended learning and ICT.

5. Evidence of Success

1. The outcome of this practice is connected beyond curriculum development, faculty development programs, developing better teaching practices, building industry partners for internship, having industry expert ecosystem with strong backup from management of engineering colleges. This consistent ecosystem should provide new thoughts and latest happenings in a motivating and thought-provoking manner.

2. Methodologies of ICT education is being adapted.

3. JBREC adapted Outcome-Based Education to enhance the student's performance.

4. Bringing the team spirit, social responsibility and learning ability to a higher level is the purpose of the interactive learning.

5. With the combined effort and commitment of the institution and faculties, the institution has achieved very good response. This has led to the increase in the quality of Teaching.