

The Annual Quality Assurance Report (AQAR) of the IQAC (For Autonomous Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution: **LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**

- Name of the Head of the institution : **Dr.K.Appa Rao**
- Designation : **Principal**
- Does the institution function from own campus : **YES**
- Phone no./Alternate phone no. : **08659-22293**

- Mobile no. : **8333905791, 948263890**
- Registered Email : **principal@lbrce.ac.in**
- Alternate Email : **lbcemym@lbrce.ac.in**
- Address : **L.B.Reddy Nagar**
- City/Town : **Mylavaram**
- State/UT : **Andhra Pradesh**
- Pin Code :
521230

2. Institutional status:

- Autonomous Status (*provide the date of Conformant of Autonomous Status*)
 - Extention of Autonomous Status : **09-03-2016 (2016-17 to 2021-22)**
 - Fist time Autonomous Status : **17-09-2010 (2010-11 to 2015-16)**
- Type of Institution: Co-education/Men/Women : **Co-education**
- Location : Rural/Semi-urban/Urban : **Rural**
- Financial Status:Grants-in aid/ UGC 2f and 12 (B)/ Self financing
(please specify) : **Self financing**

- Name of the IQAC Director : **Dr.R.Chandrasekharam**
- Phone no. /Alternate phone no. : **9440170525**
- Mobile : **9440990927**
- IQAC e-mail address : **igac@lbrce.ac.in**
- Alternate Email address : **principal@lbrce.ac.in**

3. Website address:

Web-link of the AQAR: (Previous Academic Year):

<https://www.lbrce.ac.in/AQAR2016-17.pdf>

4. Whether Academic Calendar prepared during the year?

Yes/No..**YES**..., if yes, whether it is uploaded in the Institutional website:

Weblink: <https://www.lbrce.ac.in/2017-18%20ACADEMIC%20CALENDARS.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	3.09	2013	05-01-2013 to 04-01-2018
2 nd	B++	2.96	2018	Appealed for improvement of grade

6. Date of Establishment of IQAC: 01/08/2012

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Regular meeting of Internal Quality Assurance Cell (IQAC)	Two meetings 05-07-2017 & 18-12-2017	24 Members
Timely submission of Annual Quality Assurance Report (AQAR) to NAAC	25-10-2017(A.Y:2016-17)	--
Feedback from all stakeholders collected, analysed and used for improvements	2017-18	<i>All stakeholders</i>
Academic Administrative Audit (AAA) conducted and its follow up action	Conducted on 04-08-2018 Followup actions are taken	Two Members
Participation in NIRF	Dec 2018	--
NBA Mechanical department got accredited, ECE,EEE,CSE & IT departments: Pre-qualifier stage completed	29-06-2018 All four departments submitted the SAR on 30-12-2018	Five UG Programs

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

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
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9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: **YES**
*upload latest notification of formation of IQAC

10. No. of IQAC meetings held during the year: **2**

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

Yes/No

YES

(Please upload, minutes of meetings and action taken report)

<https://www.lbrce.ac.in/AQAR%20MINUTES.html>

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes/No

NO

If yes, mention the amount:

Year:

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

- Organized workshops on
 - ✓ Funding Avenues for Research and Development,
 - ✓ How to Publish Research Papers in reputed SCI Journals
 - ✓ Need of Academic Research in Technical Institutions and
 - ✓ IPR-Patent filing
- Organized a two-day workshop on "Fundamentals Of MS-Office" for technical staff
- Organized training program on Pedagogical methods in teaching for all newly admitted faculty.
- Revised Self-Appraisal forms by incorporating additional necessary information.
- Faculty and students are further encouraged to take NPTEL certifications. College is certified with "AAA" grade by NPTEL.

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

Plan of Action	Achievements
To apply for NBA Accreditation	Mechanical Department has got 03 year accreditation.
To offer Value added courses	67 certification programs were conducted on latest technologies for the benefit of the students.
To improve Co-Curricular Activities	Workshops, seminars, industrial visits, soft skill development programmes, communication skill development programmes organised regularly.

Submission of research proposal to external funding agencies.	04 Major and 06 Minor projects are sanctioned worth of 85 Lakhs
No. of Ph. D awards	05 faculty members have obtained Doctoral degree
Research publications	186 Research articles published at International Journals.
Patents publications	03 Patents published by the faculty
To Monitor Teaching Learning process	Continuing the practice of conducting Academic Audits at the middle and end of the every semester.
To encourage R&D and Consultancy, Establishing advanced/research labs/centres, setting up new experiments on latest technologies.	Well established 06 advanced research labs are available to encourage R&D activities in the departments. CSE, ECE and MECH departments are recognised as research centres by JNTUK, Kakinada
Conducting Faculty Development Programs on Emerging technologies.	19 Faculty development Programs are organised.
Extent of financial support to the faculty members	200 Faculty members were provided with financial support to attend FDPs, Workshops, Conferences, Certifications programs, Publications etc.,
Communication with Parents	Letters with particulars of Percentage of attendance, Mid-exam marks, SGPA and Backlogs have been sent. Percentage of student attendance is improved
Arranging training on latest technologies for students	16 workshops are conducted on latest technologies
To develop and nurture entrepreneur skills in the students	<ul style="list-style-type: none"> • LBRCE Innovation Ideation fest were conducted. • Multiple number of student groups were presented/demonstrated their proto type models at Gnanabheri, event conducted by APSICHE. • Five faculty members have undergone Design Thinking course, conducted by IUCEE EPICS.
International Conference	International Conference on Computational Intelligence & Data Engineering ICCIDE-2017 is initiated by the Dept. of IT and CSE.
Online Certification courses	<ul style="list-style-type: none"> • LBRCE is recognised as NPTEL Local Chapter. • Around 90 Faculty members and 750 Students have got NPTEL course completion certificate for various courses. • Awarded as AAA grade
Developing Framework for NAAC related bench marks.	Multiple number of Internal Audits and 2 External Audits have conducted. DVV process has completed successfully.
Developing documentation Standards.	Documentation standard for monthly report has been developed
Coordinating for ISO Surveillance audit certification.	Coordinated and obtained ISO 9001:2015 Surveillance certification.
Number of capability enhancement and development schemes	14 No. of Career Counselling sessions were conducted.
To improve student activities at higher studies.	170 No. of Students have achieved success in various competitive examinations like GATE, TOFEL, CAT, GMAT, etc.
Industrial visits	<ul style="list-style-type: none"> • 21 industrial visits were organized by various

	departments of LBRCE <ul style="list-style-type: none"> • 1573 students were participated in the industrial visits.
To improve cultural activities	A national level Technical and Cultural fest “Lakshya2K17” was organised by the institute.
CBCS Curriculum	CBCS curriculum is in the practice.
Faculty Performance Index(FPI)	Faculty performance has been improved. 20 Faculty members were identified as best teachers and recognized.

14. Whether the AQAR was placed before statutory body? Yes /No: **Yes**

Name of the Statutory body: **Governing Body** Date of meeting(s): **24-11-2018**

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

Yes/No: **YES**

Date: 05-10-2018 & 06-10-2018 (NAAC)

Date: 18-06-2018-MECHANICAL Dept (NBA)

16. Whether institutional data submitted to AISHE: Yes/No: **YES**

Year: **2018**

Date of Submission: **01-02-2018**

17. Does the Institution have Management Information System?

Yes, but not an integrated single system but supported with individual systems for different sections.

Examination Management System:

- ✓ Examination section is 100% automated using ERP Software which provides facilities for hall ticket generation, Examination Fee collection, Result Processing and certificate issue.
- ✓ Examination Management System and Examination section have Dedicated server and RFID locking with standby.
- ✓ Protected server with firewall security Authorised access to the controller of examination through security key only. CCTV surveillance & Backup data storage are also available.

Library automation system:

- ✓ Ez – Library – Volksoft technologies library automation system is provided in 2005 itself.
- ✓ The entire library operations are automated using computer systems.
- ✓ The Digital Library is provided with Tidal data ML – 11220 Server with 4.7 TB storage
- ✓ The library is a member of DELNET and provides web access to 1,21,08,793 Records of books, Periodicals, Theses, Dissertations.
- ✓ It is connected with 2196 libraries in 32 states in India and other countries.
- ✓ Transactions are automated by using bar code reader.
- ✓ The following features can be accessed from any computer within the campus availability of books by subject wise / author wise account information like books taken and due date to return fine amount to be paid for books not returned access to the e-resources /NPTEL /SONET video lectures

Office automation system and website provides the following features

- ✓ Verification of student data by parent
- ✓ Tution fee collection
- ✓ Attaendance verification and reports
- ✓ Communication to parent
- ✓ Office circulars
- ✓ All communications to departments for Teaching-Learning process implementation.

Part – B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Design and Development

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

Name of programme	Programme Code	Dates of revision
Aerospace Engineering	21	03.02.2018, 09.06.2018
Civil Engineering	01	03.02.2018, 09.06.2018
Computer Science & Engineering	05	03.02.2018,09.06.2018
Electronics & Communication Engineering	04	03.02.2018, 09.06.2018
Electrical & Electronics Engineering	02	25.08.2017, 12.06.2018
Electronics & Instrumentation Engineering	10	03.02.2018, 09.06.2018
Information Technology	12	03.02.2018, 09.06.2018
Mechanical Engineering	03	03.02.2018, 09.06.2018
Master of Business Administration	1E	03.02.2018, 09.06.2018
Master of Computer Applications	1F	03.02.2018, 09.06.2018
M. Tech Computer Science & Engineering	58	03.02.2018, 09.06.2018
M. Tech Power Electronics & Drives	54	25.08.2017, 12.06.2018
M. Tech VLSI & Embedded Systems	68	03.02.2018, 09.06.2018
M. Tech Thermal Engineering	21	03.02.2018, 09.06.2018

1.1.2 Programmes/ courses focused on employability/ entrepreneurship/ skill development during the Academic year

Course with Code	Date of introduction
17CE61-Civil Engineering Drafting Techniques Lab	04.03.2017
17CO01-Android Technologies	04.03.2017
17CO03-Machine Learning	04.03.2017
17CO04-Advanced Algorithm Design	04.03.2017
17CO05-Ad-hoc Networks	04.03.2017
17CO06-Object Oriented Software Engineering	04.03.2017

17CO08-Cloud Computing	04.03.2017
17CO09-Parallel Algorithms	04.03.2017
17CO10-Big Data Analytics	04.03.2017
17CO11-Internet of Things	04.03.2017
17CO12-Cryptography and Network Security	04.03.2017
17CO13-Advanced Data Mining	04.03.2017
17CO14-TCP/IP Networking	04.03.2017
17CO15-Software Testing and Quality Assurance	04.03.2017
17CO16-Neural Networks	04.03.2017
17CO17-Web and Database Security	04.03.2017
17CO18-Graph Analytics	04.03.2017
17CO19-Web Mining	04.03.2017
17CO20-Storage Area Networks	04.03.2017
17CO21-Software Project Management	04.03.2017
17CO22-Pattern Recognition	04.03.2017
17CO23-Computer Forensics	04.03.2017
17CO24-Deep Learning	04.03.2017
17CO60-Android Technologies Lab	04.03.2017
17CO62-Big Data Analytics Lab	04.03.2017
17CO63-Internet of Things Lab	04.03.2017
17CO90-High Performance Computing	04.03.2017
17CO91-Information Retrieval Systems	04.03.2017
17MB03-Accounting for Managers	04.03.2017
17MB04-Statistics for Managers	04.03.2017
17MB06-Business Communication	04.03.2017
17MB10-Human Resources Management	04.03.2017
17MB51-Industrial Data Analysis and Presentation	04.03.2017

17MB62-Business Communication Lab-II	04.03.2017
17MC07-Computer Networks	04.03.2017
17MC08-Database Management Systems	04.03.2017
17MC10-Software Engineering	04.03.2017
17MC64-Database Management Systems Lab	04.03.2017
17PE01-Computational Mathematics	04.03.2017
17PE02-Analysis of Power Converters	04.03.2017
17PE03-Control of Motor Drives-I	04.03.2017
17PE04-Optimization Techniques in Electrical Engineering	04.03.2017
17PE05-HVDC & FACTS	04.03.2017
17PE06-Energy Auditing and Management	04.03.2017
17PE07-Machine Modelling and Analysis	04.03.2017
17PE08-Analysis of Special Electrical Machines	04.03.2017
17PE11-Switched Mode Power Conversion	04.03.2017
17PE12-Control of Motor Drives-II	04.03.2017
17PE91-Integration of Renewable sources	04.03.2017
17TE01-Advanced thermodynamics	04.03.2017
17TE02-Advanced heat and mass transfer	04.03.2017
17TE03-Internal combustion engines and pollution	04.03.2017
17TE06-Statistical analysis and design of experiments	04.03.2017
17TE07-Advanced fluid mechanics	04.03.2017
17TE10-Computational fluid dynamics	04.03.2017
17TE11-Renewable energy technology	04.03.2017
17TE12-Design of thermal systems	04.03.2017
17TE15-Gas turbine theory	04.03.2017
17TE60-Thermal systems lab	04.03.2017
17TE62-Renewable energy technology LAB	04.03.2017

17TE91-Fuels ,combustion and environment	04.03.2017
17VE01-Digital VLSI System Design	04.03.2017
17VE02-Embedded System Design	04.03.2017
17VE03-CPLD and FPGA Architectures and Applications	04.03.2017
17VE05-Design for Internet of Things	04.03.2017
17VE06-High Speed VLSI Design	04.03.2017
17VE07-Image and Video Processing	04.03.2017
17VE08-System Modelling and Simulation	04.03.2017
17VE09-VLSI Design Automation	04.03.2017
17VE10-Analog VLSI Design	04.03.2017
17VE11-Real Time Operating Systems	04.03.2017
17VE12-DSP Processors and Architecture	04.03.2017
17VE13-CMOS RF Circuit Design	04.03.2017
17VE14-Embedded Software Design	04.03.2017
17VE15-VLSI Testing and Verification	04.03.2017
17VE16-VLSI Architecture for Signal Processing	04.03.2017
17VE17-SOC Design	04.03.2017
17VE18-Wireless Communications & Networks	04.03.2017
17VE19-Design of Semiconductor Memories	04.03.2017
17VE20-Embedded Linux	04.03.2017
17VE21-Multimedia Systems	04.03.2017
17VE22-MEMS Design and Fabrication	04.03.2017
17VE23-Nano Electronics	04.03.2017
17VE24-Low Power VLSI Design	04.03.2017
17VE60-Digital VLSI System Design Lab	04.03.2017
17VE61-Embedded System Design Lab	04.03.2017
17VE62-Analog VLSI Design Lab	04.03.2017

17VE63-Real Time Operating Systems Lab	04.03.2017
17VE90-Advanced computer Architecture	04.03.2017
17VE91-ASIC Design	04.03.2017
L102-Aircraft Component Modelling and Analysis Lab.	05.07.2014
L103-Aircraft Design Lab.	05.07.2014
L104-Aircraft Structures Lab.	05.07.2014
L109-Analytical and PC based Instrumentation Lab	05.07.2014
L110-Android Applications Lab	05.07.2014
L111-Applied Thermodynamics Lab.	05.07.2014
L114-Basic Simulation Lab.	05.07.2014
L116-C# and NET Programming Lab	05.07.2014
L117-CAD/CAM Lab	05.07.2014
L118-Cloud Computing and Information Security Lab	05.07.2014
L120-Compiler Design and Data Mining Lab	05.07.2014
L122-Computer Aided Analysis and Design Lab	05.07.2014
L124-Computer Aided Engineering Graphics Lab.	05.07.2014
L125-Computer Networks and Operating Systems Lab	05.07.2014
L145-Environmental Engineering Lab	05.07.2014
L146-Fluid Mechanics and Hydraulic Machinery Lab	05.07.2014
L147-Fluid Mechanics and Strength of Materials Lab.	05.07.2014
L150-Heat Transfer Lab	05.07.2014
L151-Highway and Concrete technology Lab	05.07.2014
L152-Integrated Circuits and Applications Lab	05.07.2014
L155-JAVA Programming Lab	05.07.2014
L156-Machine Tools & Dynamics Lab	05.07.2014
L158-Manufacturing Technology Lab.	05.07.2014
L159-Material Testing & Metallurgy Lab	05.07.2014

L167-Object Oriented Programming through C++ Lab	05.07.2014
L168-PLC and Bio Medical Instrumentation Lab	05.07.2014
L171-Process Control Lab	05.07.2014
L173-Propulsion Lab.	05.07.2014
L174-Pulse and Digital Circuits Lab	05.07.2014
L177-Shell Scripting Lab	05.07.2014
L181-Thermal Engineering Lab	05.07.2014
L182-Transducers and Measurements Lab.	05.07.2014
L183-UML Design Lab	05.07.2014
L184-Web Technologies Lab	05.07.2014
MB3F01-Security Analysis And Portfolio Management	05.07.2014
MB3H02-Management of industrial relations	05.07.2014
MB3M02-Advertising And Brand Management	05.07.2014
MB4F02-Financial risk management	05.07.2014
MB4H01-Strategic Human Resource Management	05.07.2014
MBA205-Production and operation management	05.07.2014
MCA301-Compiler Design	05.07.2014
MCA304-OOPS through Java	05.07.2014
MCA306-Unix Network Programming	05.07.2014
MCA352-OOPS through Java Lab	05.07.2014
MCA403-Object Oriented Analysis and Design	05.07.2014
MCA404-Software Testing	05.07.2014
MCA405-Web Technologies	05.07.2014
MCA4063-Distributed Operating systems	05.07.2014
MCA4064-Software Design methodologies	05.07.2014
MCA501-Artificial Intelligence	05.07.2014
MCA502-Business Intelligence	05.07.2014

MCA503-Mobile Application Development	05.07.2014
MCA5044-Open Source Software	05.07.2014
MCA5051-Bigdata Analytics	05.07.2014
MCA5052-Database Administration	05.07.2014
MCA5054-UNIX Administration	05.07.2014
MCA553-Mobile Application Development Lab	05.07.2014
MCA554-Testing tools Lab	05.07.2014
S103-Advanced ComputerArchitecture	05.07.2014
S105-Advanced Electrical Machines	05.07.2014
S107-Advanced Sensors	05.07.2014
S111- Advanced structural design	05.07.2014
S115-Aero Engine Repair and Maintenance	05.07.2014
S117-Aerodynamics - II	05.07.2014
S120- Aircraft Stability and Control	05.07.2014
S122-Aircraft Structures - II	05.07.2014
S124-Airframe Repair and Maintenance	05.07.2014
S125-Analog Communications	05.07.2014
S129-Analytical Instrumentation	05.07.2014
S130-Android Application Development	05.07.2014
S135-Applied Mechanics	05.07.2014
S136-Applied Thermodynamics	05.07.2014
S139-Automation Industrial Process	05.07.2014
S140-Automobile Electronics	05.07.2014
S141-Automobile Engineering	05.07.2014
S148-Bio Medical Instrumentation	05.07.2014
S149-Boundary Layer Theory	05.07.2014
S152-Business Intelligence and Big Data	05.07.2014

S153-C# and NETProgramming	05.07.2014
S154-CAD/CAM	05.07.2014
S155-Cellular & Mobile Communications	05.07.2014
S167-Computer Graphics	05.07.2014
S169-Computer Organization	05.07.2014
S171-Concrete Technology	05.07.2014
S172-Construction Management	05.07.2014
S173-Consumer Electronics	05.07.2014
S177-Data Mining and Data Warehousing	05.07.2014
S179-Data Structures & Object Oriented Programming	05.07.2014
S181-Design and Analysis of Algorithms	05.07.2014
S183-Design of Reinforced Concrete Structures – I	05.07.2014
S184-Design of Reinforced Concrete Structures – II	05.07.2014
S185-Design of Steel Structures	05.07.2014
S186-Design Patterns	05.07.2014
S187-Digital Communications	05.07.2014
S190-Digital Image Processing	05.07.2014
S193-Digital Signal Processors	05.07.2014
S194-Digital Systems Design using Verilog	05.07.2014
S195-Digital Systems Design using VHDL	05.07.2014
S197-Discrete Mathematics	05.07.2014
S198-Distributed Databases	05.07.2014
S199-Distributed Generation	05.07.2014
S205-E-Commerce	05.07.2014
S213-Electrical Distribution Systems	05.07.2014
S214-Electrical Engineering Materials	05.07.2014
S215-Electrical Machine Design	05.07.2014

S218-Electrical Power Quality	05.07.2014
S222-Electromagnetic Compatibility	05.07.2014
S223-Electromagnetic Fields & Waves	05.07.2014
S225-Elements of Aerospace Engineering	05.07.2014
S227-Elements of Signal Processing	05.07.2014
S228-Embedded Systems	05.07.2014
S229-Embedded Systems Design	05.07.2014
S230-Energy Conservation and Audit	05.07.2014
S231-Energy Conservation and Management	05.07.2014
S233-Engineering Fluid Mechanics	05.07.2014
S241-Enterprise Information Systems	05.07.2014
S246-Evolutionary Computing Techniques	05.07.2014
S248-FACTS Controllers	05.07.2014
S249-Fault Tolerant Systems	05.07.2014
S250-Finite Element Method	05.07.2014
S252-Fluid Mechanics and Hydraulic Machinery	05.07.2014
S255-Geo Technical Engineering – I	05.07.2014
S256-Geo Technical Engineering–II	05.07.2014
S257-GPU Programming usingCUDA	05.07.2014
S259-Heat Transfer	05.07.2014
S261-High Voltage Engineering	05.07.2014
S262-Human Computer Interaction	05.07.2014
S263-HVDC Transmission	05.07.2014
S266-Hypersonic and High Enthalpy Flows	05.07.2014
S267-IC Engines and Gas Turbines	05.07.2014
S269-Industrial Instrumentation	05.07.2014
S272-Information Security	05.07.2014

S274-Instrumentation and Control in Petro chemicals	05.07.2014
S275-Instrumentation, Measurements and -Experiments in Fluids	05.07.2014
S277-Integrated Circuits and Applications	05.07.2014
S278-Intelligent Control Systems	05.07.2014
S279-Intelligent Instrumentation	05.07.2014
S281-Introduction to Computational Fluid Dynamics	05.07.2014
S282-Introduction to Engineering Mechanics	05.07.2014
S284-JAVA Programming	05.07.2014
S288-Linear and Digital IC applications	05.07.2014
S290-Linux Programing	05.07.2014
S291-Machine Design –I	05.07.2014
S295-Managerial Economics and Financial Analysis	05.07.2014
S296-Managing Innovation and Entrepreneurship	05.07.2014
S297-Manufacturing Technology	05.07.2014
S302-Mechanical Vibrations	05.07.2014
S303-Mechanics of Composites	05.07.2014
S304-Mechanics of Fluids	05.07.2014
S305-Mechanics of Materials	05.07.2014
S307-Medical Electronics	05.07.2014
S308-MetalCutting and Machine Tools	05.07.2014
S309-Metallurgy and Material Science	05.07.2014
S310-Metrology and Instrumentation	05.07.2014
S311-Micro Electro Mechanical Systems	05.07.2014
S315-Middleware Technologies	05.07.2014
S316-Mobile Computing	05.07.2014
S319-Nano Technology	05.07.2014
S322-Neural Networks and Fuzzy Logic	05.07.2014

S324-Object Oriented Programming through C++	05.07.2014
S325-Object Oriented Programming using Java	05.07.2014
S332-Optimization Techniques	05.07.2014
S333-Opto Electronics and Laser Instrumentation	05.07.2014
S334-P. C. Based Instrumentation	05.07.2014
S338-Pavement Analysis and design Engineering	05.07.2014
S340-PLC and SCADA	05.07.2014
S341-Power Electronics	05.07.2014
S343-Power Plant Engineering	05.07.2014
S344-Power Plant Instrumentation	05.07.2014
S346-Power system Operation and Control	05.07.2014
S347-Power System Protection	05.07.2014
S348-Prestressed Concrete Structures	05.07.2014
S349-Principles of Management	05.07.2014
S350-Principles of Programming Languages	05.07.2014
S352-Process Control Instrumentation	05.07.2014
S353-Production Planning and Control	05.07.2014
S354-Production Technology	05.07.2014
S356-Programmable Logic Devices	05.07.2014
S359-Propulsion - I	05.07.2014
S360-Propulsion - II	05.07.2014
S361-Pulse and Switching Circuits	05.07.2014
S363-Radio Frequency Integrated Circuits	05.07.2014
S367-Refrigeration and Air Conditioning	05.07.2014
S371-Robot Engineering	05.07.2014
S373-Robotics and Automation	05.07.2014
S377-Service Oriented Architecture	05.07.2014

S379-Smart Grid	05.07.2014
S381-Software Engineering	05.07.2014
S383-Software Testing Methodologies	05.07.2014
S385-Solid State Drives	05.07.2014
S387-Space Mechanics	05.07.2014
S389-Spread Spectrum Communications	05.07.2014
S390-Strength of Materials	05.07.2014
S399-Telemetry and Tele Medicine	05.07.2014
S401-Theory of Computation	05.07.2014
S405-Theory of Vibrations	05.07.2014
S407-Thermal Engineering	05.07.2014
S408-Thermodynamics	05.07.2014
S410-Transducers in Instrumentation	05.07.2014
S411-Transmission Lines & Wave Guides	05.07.2014
S412-Transportation Engineering - I	05.07.2014
S413-Transportation Engineering - II	05.07.2014
S415-UML Design	05.07.2014
S416-Virtual Instrumentation	05.07.2014
S417-Virtual Reality	05.07.2014
S418-Visual Programming	05.07.2014
S419-VLSI Design	05.07.2014

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme / Course	Date of introduction
Principles Of Flight	03.02.2018
Space Technology	03.02.2018
System Modelling And Simulation	05.07.2014

Surveying	03.02.2018
Civil Engineering Drafting Techniques Lab	03.02.2018
Survey Field Work Lab	03.02.2018
Advanced Structural Design	05.07.2014
Building Technology	05.07.2014
Repair and Rehabilitation of Structures	05.07.2014
C#&.NET Programming Lab	05.07.2014
C# & .NET Programming	05.07.2014
Design Patterns	05.07.2014
E-Commerce	05.07.2014
Enterprise Information System	05.07.2014
System modelling and simulation	05.07.2014
Material Science And Engineering	03.02.2018
Virtual Reality	05.07.2014
Utilization Of Electrical Energy	03.02.2018
Satellite Technology	03.02.2018
Consumer Electronics	05.07.2014
Fault Tolerant Systems	05.07.2014
Managing Innovation And Entrepreneurship	05.07.2014
Nano Technology	05.07.2014
Android Application Development Lab	05.07.2014
Actuarial Science and Risk Management	05.07.2014
Android Application Development	05.07.2014
Banking Operations	05.07.2014
Computational Geometry	05.07.2014
Insurance Operations	05.07.2014
Natural Language Processing	05.07.2014
Object Oriented Software Engineering	05.07.2014
Operations Management	05.07.2014
Supply Chain Management	05.07.2014
Business Research Methods	03.02.2018

Operations Management	03.02.2018
Business Communication Lab-1	03.02.2018
Business Communication Lab-II	03.02.2018
Project Management	03.02.2018
Engineering Mechanics And Fuels Testing Lab	03.02.2018
Innovation and Entrepreneurship	05.07.2014
Mechanics of Composites	05.07.2014
Power plant Engineering	05.07.2014
Rapid Prototyping	05.07.2014
Power Quality Engineering	03.02.2018
Hybrid Electrical Vehicles	03.02.2018
Internal combustion engines and pollution	03.02.2018
Statistical analysis and design of experiments	03.02.2018
Nano technology	03.02.2018
Fuel cell technology	03.02.2018
Waste heat recovery systems	03.02.2018
Radiative heat transfer	03.02.2018
Two phase flow and heat transfer	03.02.2018
Renewable energy technology LAB	03.02.2018
Fuels ,combustion and environment	03.02.2018
Design of Semi-Conductor Memories	04.03.2017
Multi Media Systems	04.03.2017
MEMS Design and Fabrication	04.03.2017
Analog VLSI Design Lab	04.03.2017
ASIC Design	04.03.2017
Management Of Industrial Relations	04.03.2017
Smart grid	05.07.2014
Managerial Economics and Financial Analysis	05.07.2014
Object oriented programming through C++	05.07.2014
Electrical Traction	05.07.2014
Disaster management	05.07.2014

Optimization Techniques in Electrical Engineering	03.02.2018
Advanced Microprocessors and Microcontrollers	03.02.2018
Advanced Power semiconductor Devices and their protection	03.02.2018
Integration of Renewable sources	03.02.2018

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of Programmes adopting CBCS	Date of implementation of CBCS/ Elective Course System		UG	PG	
	UG	PG			
Aero space Engineering	UG	--	03.02.2018	UG	--
Civil Engineering	UG	--	03.02.2018	UG	--
Computer Science & Engineering	UG	--	10.08.2017	UG	--
Electronics & Communication Engineering	UG	--	03.02.2018	UG	--
Electrical & Electronics Engineering	UG	--	26.08.2017	UG	--
Electronics & Instrumentation Engineering	UG	--	03.02.2018	UG	--
Information Technology	UG	--	03.02.2018	UG	--
Mechanical Engineering	UG	--	03.02.2018	UG	--
Master of Business Administration	--	PG	03.02.2018	--	PG
Master of Computer Applications	--	PG	03.02.2018	--	PG
Computer Science & Engineering	--	PG	10.08.2017	--	PG
Power Electronics & Drives	--	PG	26.08.2017	--	PG
VLSI & Embedded Systems	--	PG	03.02.2018	--	PG
Thermal Engineering	--	PG	03.02.2018	--	PG

1.3 Curriculum Enrichment

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

Value added courses	Date of introduction	Number of students enrolled
A Five Day Student Certification Programme on FINITE ELEMENT ANALYSIS using ANSYS	24-07-2017	20
A Five-day student certification programme on Computational Fluid Dynamics using ANSYS	11-12-2017	20

A Five Day Student Certification Programme on Advanced CATIA	02-01-2018	20
A Two Day workshop on Control Line Aircraft	30-01-2018	42
A Three Day workshop on AutoCAD	22-02-2018	42
A Six Day Student Certification Programme on Advanced ANSYS	26-02-2018	20
2-Day workshop on 3Ds Max by CAAD Desk, Vijayawada	22-09-2017	111
3-Day Workshop on Auto CAD	19-02-2018	53
1st Phase CRT program conducted by FACE	01-03-2017	118
2nd Phase CRT program Conducted By FACE	03-07-2017	118
3rd Phase CRT program Conducted By FACE	03-10-2017	118
4th Phase CRT ,TCS Specific Training program Conducted By FACE	30-11-2017	118
5th Phase CRT Infosys Specific Training program Conducted By FACE	23-04-2018	87
Softskills Training for goal setting	12-07-2017	118
M/S. SIXPHRASE Conducted Technical Training on C language	10-07-2017	118
A one day seminar on importance of Soft Skills in selection Process	09-09-2017	118
A one day seminar on TQM & Employability Skills	06-10-2017	118
A Technical Training on C language conducted by expert faculty from department.	09-10-2017	118
Workshop on Python Programming	07-12-2017	120
workshop on Web Trends	13-12-2017	120
Information & cyber Security	06-01-2018	120
Sales Force Trail head Workshop & training	20-02-1018	240
Enhancing Problem solving Skills	17-03-2018	144
College to Corporate Technical skills training program by IIT Bombay	20-02-2018	40
<u>A certification program on Design and Analysis of RF Antennas using Ansys HFSS</u>	<u>17-08-2017</u>	41
LABVIEW Training : Module - I	13-12-2017	77
MEMS and Microsystems	19-01-2018	30
Certification program on Programmable logic controllers - Fundamentals and Advanced	07-05-2018	53
Three day workshop on Embedded System in association with APSDC	19-02-2018	79
Five day training program on Ansys software and its application to Electrical Engineering	18-12-2017	30

Five day training program on Industrial Automation and SCADA	18-12-2017	63
One Week Workshop and certification Training Program on “Introduction to IOT and Embedded System”	14-05-2018	7
3-Day Workshop and certification Training Program on “Embedded System (IOT)”	19-02-2018	93
One day Seminar on “Opportunities needs and Expectations of Industry”	10-01-2018	130
Guest Lecture on “MEMS, Machining and Manufacturing”	06-09-2017	60
Guest Lecture on “MEMS-The Enablers of Smart Systems”	23-08-2017	100
SOFT SKILL TRAINING	22-01-2018	224
ADVANCED EXL	09-02-2018	104
SOFT SKILL TRAINING	12-02-2018	104
CISCO CCNA CERTIFICATION	23-08-2017	37
Student certification Program on Finite Element Analysis using ANSYS	24-07-2017	50
Student certification program on CFD using ANSYS	11-12-2017	27
A Five Day Student certification program on Advanced CATIA	02-01-2018	38
Two day workshop on Non-Destructive Testing & its industrial applications	30-01-2018	121
A six day student certificate program on advanced ANSYS	26-02-2018	24
A Three Day workshop on AUTOCAD	22-02-2018	63
A two week global certification program on Autocad professional	07-05-2018	55
Yoga	01-06-2017	210

1.3.2 Field Projects / Internships under taken during the year

Project / Programme Title	No. of students enrolled for Field Projects / Internships
Aerospace Engineering	53
Civil Engineering	64
Computer Science & Engineering	142
Electronics & Communication Engineering	216
Electrical & Electronics Engineering	125
Electronics & Instrumentation Engineering	69
Information Technology	58
Mechanical Engineering	133
Master of Computer Applications	80

Master of Business Administration	118
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1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

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

The Departments (inturn the institution) are monitored and guided in the designing of program curriculum by the respective Department Academic Committee (DAC) and Board of Studies (BOS). Department Academic Committee (DAC) comprises Professors, Associate Professors, and two senior Assistant professors as members from the department and is chaired by Head of the Department. The Board of studies (BOS) committee consists of Head of the Department as a Chairman, three subject experts (One University nominee & two external members) and one member from Industry, one member from alumni and all senior faculty members of the Department. The BoS meetings are conducted twice in a year. The regulations and curriculum revision are being implemented every three years.

The feedback from different stakeholders (student, Teachers, Employers, Alumni, and parents) is collected during customary gatherings of these groups. The regular feedback from different stake holders is gathered for the audit in the review of the department academic committee meetings.

By combining the suggestions given by all the stakeholders regarding curriculum and its effectiveness interms of industry needs are fused in the educational programs process. Based on the recommendations of BOS committee, the DAC does the modifications to the program curriculum. In curriculum design, core electives, professional electives and open electives are added based on the recommendations of stakeholders. The consolidated selection of all courses will be chosen based on components of recommendations given by AICTE, BoS, and DAC accordingly designs and implements the curriculum.

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 Demand Ratio during the year

Name of the Programme	Number of seats available Catagory-B	Number of applications received Catagory-B	Students Enrolled Catagory-B
Civil Engineering	18	25	18
Electrical & Electronics Engineering	36	35	35
Mechanical Engineering	54	65	47
Electronics & Communication Engineering	54	212	54
Computer Science & Engineering	36	215	36
Electronics & Instrumentation Engineering	18	16	16
Information Technology	18	115	18
Aerospace Engineering	18	7	7
Master of Business Administration	36	55	36
Master of Computer Applications	18	8	8
M. Tech Thermal Engineering	6	2	2
M. Tech Power Electronics & Drives	6	0	0
M. Tech Computer Science & Engineering	6	1	1
M. Tech VLSI & Embedded Systems	6	2	2

2.2 Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	3449	431	206	16	46

2.3 Teaching - Learning Process

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

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
268	253	Desktop computers, LCD projectors, Wifi / LAN, DVD players, Television, Interactive White board, Visual charts, CD's and CD-ROM's	62	01	Call lab, TCS Lab, Globerina Software, Young India Software, Internet based learning, Google search engine, Youtube videos, NPTEL videos

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

Mentoring system was developed in our institution to achieve professional fulfilment and assessment of student's academic progress as well as personal growth. Almost all faculty members are acting as mentors and 15-20 students are allotted to each mentor. Mentors are conducting meetings 2-3 times in a semester and also at required time.

Some of the functions of a mentor are given below:

- Updating of profiles periodically
- Recording of attendance for every 15 days and counseling when the attendance is less than 80%.
- Informing parents when the attendance is less than 75%.
- Recording of mid marks at the end of mid exam.
- Conducting counseling for the students who scored mid marks less than 50%.
- Recording of end exam grades at the end of semester.
- Assisting weak students and encouraging bright students based on their results.
- Recording of student achievements and encouraging students to attend technical events/symposia/workshops/seminars.
- Recording of information about placements and higher studies.

Types of Mentoring:

(a) Professional guidance:

- Motivate students to attend technical events/symposia/workshops/seminars.
- Encourage students to discuss their ideas.
- Stimulate students thinking towards innovation in projects leading to entrepreneurship.
- Persuade them to upgrade their domain knowledge and skills.

(b) Academic guidance:

- Share information of academic plans, academic schedules and e-learning resources.
- Identify students with poor attendance and ensure that they improve their attendance by getting counselled in the presence of mentor and HOD.
- Focus on academically weak students, by providing them with additional reading materials, model questions along with solutions and encourage them to attend the remedial classes.
- Encourage the bright students to attend more workshops and technical talks.

(c) Career advancement:

- Encourage students to do certification courses in order to build on their qualifications related to their career. Ex. NPTEL
- Provide Career Guidance/Campus Recruitment Training (CRT) and other Training apart from arranging campus recruitment drives by the Training & Placement Cell.

(d) Laboratory specific:

- Counsel absentee students to attend regularly for the laboratory classes to complete backlog experiments during specified extra hours.
- Arrange special lab coaching for Students with backlogs in external lab exams.

(e) Personal development:

- Encourage the student to take the help from Psychologist employed by the college, if necessary.
- Empower and enable inner adjustments by individual students to encounter and cope up with physical, emotional, mental, social and environmental challenges through student-counsellor interaction/ through meditation/ workshops /other specialized workshops activities.
- Engaging in family /peer counselling by Counsellor/ HOD to strengthen student's interpersonal relationships thereby improving their performance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3880	268	1:14.48

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
268	268	-	-	67

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award / Recognition	Name of full time teachers receiving awards from state level, national level, international level	Designation	Agency	Name of the award, fellowship, received from Government or recognized bodies
2018	Mr.I.Dakshina Murthy	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr.M. Satyanarayna	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr.G.Balu Narasimha Rao	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr.N.Srinivasarao	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr. A. Anil Kumar Reddy	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr. P. Venkat Rao	Assistant Professor	LIONS CLUB	Best Teacher
2018	Dr. G. Srinivasulu	Professor	LIONS CLUB	Best Teacher
2018	Mr.P.Srihari	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr.K.Nagalinga Chary	Assistant Professor	LIONS CLUB	Best Teacher
2018	Dr.T.Satynarayana	Professor	LIONS CLUB	Best Teacher
2018	Mr. K. Rajasekhar	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr.J.Subba Reddy	Assoc. Professor	LIONS CLUB	Best Teacher
2018	Dr. S.Pitchi Reddy	Professor & HOD	LIONS CLUB	Best Teacher
2018	Mr. V. Dhanaraju	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr.S.Srinivasa Reddy	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr. K. Kalyan Kumar	Assistant Professor	LIONS CLUB	Best Teacher
2018	Mr. K. Ravi Krian Yasaswi	Assistant Professor	LIONS CLUB	Best Teacher
2018	Dr.B.Samrajya Lakshmi	Professor	LIONS CLUB	Best Teacher
2018	Dr. A. Rami Reddy	Professor & HOD	LIONS CLUB	Best Teacher

2018	Dr. S. Yusuf	Professor	LIONS CLUB	Best Teacher
2018	I. Dakshina Murthy	Assistant Professor	UGC Minor Research Project	Research Recognition
2018	Dr. K. Appa Rao	Principal	UGC Minor Research Project	Research Recognition
2018	Dr. L. Srinivas	Professor	UGC Minor Research Project	Research Recognition
2018	Dr. K. Appa Rao	Principal	AICTE-MODROBS	Research Recognition
2018	Dr. T. Satyanarayana	Professor	SERB-Fast Track young Scientist	Research Recognition
2018	Mr.B.Chaitanya	Assoc.Professor	DST-Cognitive Science	Research Recognition
2018	Dr. T. Satyanarayana	Professor	SERB/ITS, International Travel Support (ITS) to deliver an Invited Talk at USA.	Research Recognition
2018	Dr. T. Satyanarayana	Professor	UGC/ITS,International Travel Support (ITS) to deliver an Invited Talk at USA.	Research Recognition
2018	Dr.K.Harinadha Reddy	Professor	UGC/TG,International Travel Support (ITS) to attend and conference at USA.	Research Recognition
2018	Dr. E. V. Krishna Rao	Professor	Ph.D Guided	Research Recognition
2018	Dr. P.M. Ashok Kumar	Professor	Patent,Intelligent Traffic Violation Detection System, No.2018 4101 2170 A	Patent
2018	Dr. B. Rambabu	Professor	Patent,Pulse Voltage Trimming Method Of Polymer Thick film Resistors,No.2017 4101 7485 A	Patent
2018	Dr. B. Rambabu	Professor	Patent,Microwave Trimming of Polymer Thick film Resistors,No.2017 4101 1994 A	Patent
2018	Dr.Naganjaneyulu. S	Professor	Patent,System And Method For Intrusion Detection With Clustering For Wireless Sensor Networks,No.20174104118 5 A	Patent

2018	Dr.P Ravindra Kumar	Professor	TAYLOR & FRANCIS	Reviewer
2015	Dr.P Vijay Kumar	Professor	INTERNATIONAL JOURNAL OF THERMAL ENGINEERING	Reviewer
2016	Dr.T.Satyanarayana	Professor	Journal of Semiconductor Technology and Science (JSTS)	Reviewer
2014	Dr.T.Satyanarayana	Professor	Materials Science & Engineering B -ELSEVIER	Reviewer
2013	Dr.T.Satyanarayana	Professor	Journal of Magnetism & Magnetic Materials – ELSEVIER	Reviewer
2013	Dr.T.Satyanarayana	Professor	Chinese Optics Letters – TAYLOR & FRANCIS	Reviewer
2013	Dr.T.Satyanarayana	Professor	World Journal of Engineering and Physical Sciences (WJEPS)	Reviewer
2015	Dr.B.Rambabu	Professor	Microelectronics	Reviewer
2017	Dr.K.Rama Lingeswara Prasad	Professor	Journal of Electric Power Components and Systems - Taylor & Francis.	Reviewer
2016	Mr.K.Rama Lingeswara Prasad	Associate Professor	Circuits and Networks text book- Tata McGraw Hill Education (India)	Reviewer
2016	Mr.K.Rama Lingeswara Prasad	Associate Professor	Electrical Circuits-Universities Press	Reviewer
2016	Mr.K.Rama Lingeswara Prasad	Associate Professor	Journal of Electric Power Components and Systems - Taylor & Francis.	Reviewer
2015	Mr.K.Rama Lingeswara Prasad	Associate Professor	Electrical Circuits-Tata McGraw Hill Education (India)	Reviewer
2015	Mr.K.Rama Lingeswara Prasad	Associate Professor	Electrical Circuit Analysys-Universities Press	Reviewer
2015	Mr.K.Rama Lingeswara Prasad	Associate Professor	Journal of Electric Power Components and Systems - Taylor & Francis.	Reviewer
2014	Mr.K.Rama Lingeswara Prasad	Associate Professor	Electrical Circuits-Tata McGraw Hill Education (India)	Reviewer
2013	Mr.K.Rama Lingeswara Prasad	Associate Professor	Electrical Circuits-Tata McGraw Hill Education (India)	Reviewer
2013	Mr.J.Sivavara Prasad	Associate Professor	Iranian Journal of Science and Technology, Transactions of Electrical Engineering.	Reviewer

2017	Dr.G.Nageswara Rao	Professor	IET Power Electronics.	Reviewer
2017	Dr.G.Nageswara Rao	Professor	Electric Power Components & Systems Journal.	Reviewer
2017	Dr.G.Nageswara Rao	Professor	International Journal of Power Electronics and Drive Systems(IJPEDS)	Reviewer
2017	Dr.G.Nageswara Rao	Professor	Majlesi Journal of Electrical Engineering (MJEE).	Reviewer
2017	Dr.G.Nageswara Rao	Professor	Indonesian Journal of Electrical Engineering and Computer Science.	Reviewer
2017	Dr.G.Nageswara Rao	Professor	Journal of Intelligent Systems (JISYS)	Reviewer
2017	Dr.G.Nageswara Rao	Professor	International Journal of Multidisciplinary – Innovation and Research Analysis(IJMIRA)	Edotorial Board Member
2017	Dr.G.Nageswara Rao	Professor	International Journal of Latest Technology in Engineering, Management &Applied Science	Edotorial Board Member
2018	K Soma Sekhar	Assistant Professor	International Journal Of Mechanical Sciences	Reviewer

2.5 Evaluation Process and Reforms

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

Program Name	Program Code	Semester/ year	Last date of the last semester- end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
UG	B.Tech.	SEM-II	16-05-2018	28-05-2018
	B.Tech.	SEM-IV	04-05-2018	17-05-2018
	B.Tech.	SEM-VI	07-05-2018	19-05-2018
	B.Tech.	SEM-VIII	21-04-2018	28-04-2018
	B.Tech.	SEM-I	11-12-2017	29-12-2017
	B.Tech.	SEM-III	17-11-2017	13-12-2017
	B.Tech.	SEM-V	16-11-2017	30-11-2017
	B.Tech.	SEM-VII	05-12-2017	23-12-2017
PG	M.Tech.	SEM-I	16-02-2018	08-03-2018
	M.B.A.	SEM-II	23-05-2018	07-06-2018
	M.B.A.	SEM-IV	04-05-2018	17-05-2018
	M.B.A.	SEM-I	22-12-2017	18-01-2017
	M.B.A.	SEM-III	02-12-2017	10-01-2018
	M.C.A.	SEM-II	23-05-2018	07-06-2018
	M.C.A.	SEM-IV	04-05-2018	17-05-2018
	M.C.A.	SEM-I	22-12-2017	18-01-2018
	M.C.A.	SEM-III	24-11-2017	10-01-2018
	M.C.A.	SEM-V	13-11-2017	10-01-2018

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

**Do not include re-evaluation/ re-totalling*

ODD Semester :

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	3769	0

EVEN Semester :

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	3652	0

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

The Program outcomes, program specific outcomes and course outcomes are published in Curriculum books, and in the website. They are made available in the following web links.

<https://www.lbrce.ac.in/civilstudents.html>
<https://www.lbrce.ac.in/eeestudents.html>
<https://www.lbrce.ac.in/ecestudents.html>
<https://www.lbrce.ac.in/csestudents.html>
<https://www.lbrce.ac.in/mechststudents.html>
<https://www.lbrce.ac.in/eiestudents.html>
<https://www.lbrce.ac.in/itstudents.html>
<https://www.lbrce.ac.in/aerostudents.html>
<https://www.lbrce.ac.in/mcastudents.html>
<https://www.lbrce.ac.in/mbastudents.html>

2.6.2 Pass percentage of students

Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
21	B.Tech - AE	44	42	95.45
01	B.Tech - CE	70	62	88.57
05	B.Tech - CSE	135	123	91.11
04	B.Tech - ECE	207	205	99.03
02	B.Tech - EEE	136	123	90.44
10	B.Tech - EIE	69	61	88.41
12	B.Tech - IT	53	52	98.11
03	B.Tech - ME	135	132	97.78
58	M.Tech - CSE	15	15	100
45	M.Tech - SSP	15	15	100
54	M.Tech - PED	9	9	100
25	M.Tech - SE	4	4	100
21	M.Tech - TE	15	15	100
1E	MBA	102	101	99.02
1F	MCA	36	36	100

2.7 Student Satisfaction Survey

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

<https://www.lbrce.ac.in/SSS%20QUESTIONS.html>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

3.1.1 The institution provides seed money to its teachers for research: YES

Name of the teacher getting seed money	The amount of seed money in Rs.	Year of receiving grant	Duration of the grant
Dr. D. Naga Raju	40,800	2018	3 Days
Dr. S. Naganjaneyulu	40,800	2018	3 Days
Mr.B.Siva Hari Prasad	7,20,000	2018	1 Year
Dr.T.Satyanarayana	1,00,000	2018	1 Year
Dr.A.Narendra	2,00,000	2018	1 Year

3.1.2 Teachers awarded National/International fellowship for advanced studies/ research during the Year

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	A.Lala Bahedur	SRF	August 2017	IITH Institute Fellowship (MHRD)

3.2 Resource Mobilization for Research

3.2.1 Research funds sanctioned and received from various agencies, industry and other organizations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year in Rs.
Major projects	3 Years (ECE)	SERB	61,40,000	Nil
	3 Years (EIE)	SERB-FTYS	15,00,000	Nil
	3 Years (MECH)	DST-CS	21,69,000	Nil
	1 Year (MECH)	AICTE(MOD)	12,50,000	10,00,000
Minor Projects	2 Years (AE)	UGC	4,30,000	4,00,000
	2 Years (MECH)	UGC	1,55,000	1,45,000
	2 Years (MBA)	UGC	1,70,000	1,17,500
Interdisciplinary Projects	--	--	--	--
Industry sponsored Projects	--	--	--	--
Projects sponsored by	--	--	--	--

the University/ College				
Students Research Projects (<i>other than compulsory by the College</i>)	1 Year	LBRCE	50,000	50,000
International Projects	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	08	1,18,14000	17,62,500

3.2.2 Number of ongoing research projects per teacher funded by government and non-government agencies during the years:

06 (AE-01, EIE-01, MECH-03, MBA-01)

3.3 Innovation Ecosystem

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

Title of Workshop/Seminar	Name of the Dept.	Date(s)
IPR - PATENT FILING	IT,EEE	30 th Dec., 2017
Five day FDP on “Computational Fluid Analysis using ANSYS”	Mechanical Engineering	07-08-2017 to 11-08-2017
Five day FDP on “Finite Element Analysis using ANSYS”		07-11-2017 to 11-11-2017
Student Improvement Program on “Finite Element Analysis using ANSYS”		24-07-17 to 28-07-17
Student Improvement program on “CFD using ANSYS”		11-12-17 to 15-12-17
A Five Day Student certification program on “Advanced CATIA”		02-01-18 to 06-01-18
Two day workshop on “Non-Destructive Testing and its Industrial Applications”		30-01-18 & 31-01-18
Six Day- Certification Program on “ADVANCED ANSYS”		26-02-18 to 03-03-18
A Three Day workshop on “AUTOCAD”		22-02-18 to 24-02-18
A Two week certification program on “AUTOCAD Professional”		07-05-2018 to 21-05-2018

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

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Bharat Vikas	Prof.G.Mallikarjuna Rao	Institute of Self Reliance	19-11-2017	Process Control

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

Incubation Centre	Name	Sponsored by
01	Centre for Innovation, Incubation & Entrepreneurship	LBRCE, Mylavaram

Name of the Start-up	Nature of Start-up	Date of commencement
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3.4 Research Publications and Awards

3.4.1 Ph. Ds awarded during the year

Name of the Department	No. of Ph. Ds Awarded
ECE	03
EEE	02
EIE	01
MCA	01
FED	01

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

	Department	No. of Publication	Average Impact Factor, if any
National	EIE	04	-
	MBA	01	3.4.2
International	AE	01	0.47
	CSE	20	2.13
	ECE	67	-
	EEE	23	0.03
	EIE	08	-
	FED	04	2.65
	IT	05	3.50
	MECH	51	3.4
	MBA	07	3.60

3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/ International Conference Proceedings per Teacher during the year

Department	No. of Books and Chapters in edited Volumes / Books published, and papers in National/ International Conference Proceedings
AE	02
CSE	08
ECE	05

EEE	03
EIE	03
IT	01
MBA	06

3.4.4 Patents published/awarded during the year

Patent Details	Patent status Published/ Filed	Patent Number	Date of Award
Intelligent Traffic Violation Detection System.	Published	201841012170 A	27/04/2018
Pulse Voltage Trimming Method Of Polymer Thick film Resistors	Published	201741017485 A	23/02/2018
System and Method for Intrusion detection with clustering for wireless sensor networks	Published	201741041185A	24/11/2017
Microwave Trimming of Polymer Thick film Resistors	Published	201741011994 A	18/08/2017

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Effect of Inner Nozzle Lip Thickness on Co-Flow Jet Characteristics	T. Srinivasarao, I. Dakshina Murthy, P. Lovaraju, E. Rathakrishnan	International Journal of Turbo and Jet Engines				34, 3, 2017, 287-293, 0334-0082
Analysis And Design of Seismic Framed Structures	M.Satyanarayana	Journal of Advanced Research in Dynamical and Control System				8, 2017, 200-204 1943-023X
Strength And Durability Characteristics of Bacterial Motor	M.Satyanarayana	Journal of Advanced Research in Dynamical and Control System				8, 2017, 228-235, 1943-023X
Relative Dimensionality of Feature Selection Based On Collective Behaviour In Cluster Databases	D.Veeraiah, D. Vasumathi	Journal of Scientific & Industrial Research				76, 2017, 468-472 0975-1084 0022-4456
Modified Feature Extraction Using Viola Jones Algorithm	V. Lakshmi Sarvani, P.M. Ashok Kumar	Journal of Advanced Research in Dynamical and				03, (2018), 528-538 1943-023x

		Control System				
Multi Attribute Similarity Index Data Presentation for Uncertain Categorical Data	D. Veeraiah	ARNP Journal of Engineering and Applied Sciences				13(9), (2018) 3023-30 1819-6608
Advanced Cyber Hiding Key Logging over Cyber Communication	D. Veeraiah, D. Vasumathi	Computing and Network Sustainability, Conference paper, Part of the Lecture Notes in Networks and Systems book series (LNNS, volume 12) Springer				12 (2017) 243-51
Automated Pulmonary Lung Nodule Detection Using an Optimal Manifold Statistical Based Feature Descriptor and SVM Classifier	P. Ammi Reddy, E.V. Krishna Rao and B. Ramesh	Biomedical & Pharmacology Journal				10, 3, 2017 1311-1324 0974-6242
Speech Enhancement Using MMSE Estimation Of Amplitude And Complex Speech Spectral Coefficients Under Phase-Uncertainty	K. Ravi Kumar, P.V. Subbaiah	Speech Communication (ELSEVIER)				96, 2018, 10-27 0167-6393
Edge Enhanced Fuzzy C Means Algorithm for Hippocampus Segmentation And Abnormality Identification	G.L.N.Murthy, B.Anuradha	Biomedical & Pharmacology Journal				10 ,4, 2017, 1747-1755 0974-6242
Design and Analysis of Band Notched Wide Band Met material Integrated U & T Shaped Patch with Strip Line Antenna for Wireless Application	K. Rani Rudrama, P. Siddaiah, Dr. M. N. Giri Prasad	Helix				8(1) Dec. (2017) 2747- 2752 2319 – 5592
Orthogonal Polarization Position Based MIMO Antenna For Wireless Applications	B.Y.V.N.R Swamy, P. Siddaiah	Helix				8(1) Dec. (2017) 2747- 2752 2319 – 5592
Performance of Capacity Improvement in Mb-Mf-Sic Detector Using Resource Allocation Approach	B. Suneela, E.V.K.Krishna Rao, K. Sarat, K. Kotamaraju, Ch.Sri Kavya	Journal of Advanced Research in Dynamical and Control Systems				10(7) (2018) 1461-69 (Special Issue) 1943-023X
Analysis and Implementation of Fault Tolerant Parallel FFTS & IFFTS Using Parity SOS And ECC	Afrozbanu Syed, K.Ranirudramma, 2011-2017 (cancelled) Inactive	International Journal of Applied Engineering Research (IJAER)				12, (2017) 8316-8322 0973-4562

A Comprehensive Technical Study on MST Radar Signals for Enhancement of SNR	G. Venkataramaiah, A. NarendraBabu	Journal of Advanced Research in Dynamical and Control Systems				9(6), 2017, 221-231, 1943-023X
Neural Network Approach for Energy Efficiency in Cellular System	O. Mounika, A.NarendraBabu and K.Srinivasa Rao	International Journal of Pure and Applied Mathematics				117 (18), (2017), 271-277 1311-8080 1314-3395
Investigations on the Nitride Interface engineering at HfO ₂ /Ge stacks for MOS devices	G.Venkata Rao, M.Kumar, T.V.Rajesh, D.V.RamaKoti Reddy,D.Anjaneyulu, B.Sainath, S.V.Jagadeesh Chandra	Material today Proceedings- ELSEIVER				5(1), (2018), 650-656 2214-7853
Detection of Logo using Wavelet Transform Analysis and NN Classifier	N.Anusha, G.Srinivasa Rao, A.Narendrababu, S.V. Jagadeesh Chandra	International Journal of Research in Electronics and Computer Engineering (IJRECE)				5(3), 2017 2393-9028 , 2348-2281
Lung Nodular Pattern For Interstitial Lung Diseases Using Neural Network Classification	Y.Ramyanka, A. Narendrababu, S.V. Jagadeesh Chandra, G.Srinivasarao	International Journal of Research in Electronics and Computer Engineering (IJRECE)				5(3), 2017, 2393-9028 , 2348-2281
Location – Aware Relay Based Spectrum Accessing for Primary Users in Cognitive Radio of FDM Based Networks System With Power Equalization	G.NagendrababuE.V .Krishna Rao, P.Rakesh Kumar	International Journal of Research in Electronics and Computer Engineering (IJRECE)				5(4), (2017) 2393-9028 2348-2281
Detection of Disease Using EEG Signal Based on PSO and NN Classifier	S.V. Jagadeesh Chandra, A. Narendrababu, G.Srinivasarao, L.Jhansi	International Journal of Research in Electronics and Computer Engineering (IJRECE)				5(3), (2017) 2393-9028 2348-2281
Diabetic Retinopathy using Morphological Process and Hough Transform	G.L.N.Murthy, D.Sirisha	International Journal of Research in Electronics and Computer Engineering (IJRECE)				5(3), (2017), 2393-9028 2348-2281
Brainwave Sensor based Vehicle Attention tracking using Arduino	V.V.Ramakrishna, M.Sindhura	International Journal of Research in Electronics and Computer Engineering (IJRECE)				5(3), (2017), 2393-9028 2348-2281
Invisible Watermarking Technology using SVD for Copy Right	K.Sasibhushan, P.Rakeshkumar, R. Venugopalarao	International Journal of Research in				5(3), (2017) 2393-9028

Security Protection		Electronics and Computer Engineering (IJRECE)				2348-2281
Brain Tumour Identification Using NN Classification By Wavelet Transform Method In MRI Images	B. Siva Hari Prasad, Ch.Siva Naga Malleswary	International Journal of Research in Electronics and Computer Engineering (IJRECE)				5, 3,2017 2393-9028 2348-2281
Skin Lesion Classification Of MELONAMA Using ABCD Parameters By Contour Edge Detection	P.Rakesh Kumar, G.Meenakshi	International Journal of Research in Electronics and Computer Engineering (IJRECE)				5,3,2017 2393-9028, 2348-2281
Security of Integrated Circuits Physical Design in 45 NM Technology	G. Venkata Rao, M.Vinod Kumar	International Journal of Research in Electronics and Computer Engineering (IJRECE)				5,3,2017 2393-9028, 2348-2281
Advanced Testing Methods for Reversible Logic	G. Vamsi Krishna G.Srinivasa Rao, Y. Amar Babu	International Journal of Applied Engineering Research				13, 7, 2018, 2926-2932, 0973-4562
An FPGA Implementation of Low Dynamic Power & Area Optimized 32-Bit Reversible ALU	G. Vamsi Krishna G.Srinivasa Rao, Y. Amar Babu	International Journal of Applied Engineering Research				13, 5 ,2018, 2926-2932, 0973- 4562
A Novel Dynamic Scan Low Power Design for Testability Architecture for System-On-Chip Platform	J.B. Solomon, D.J. Moni and Y. Amar Babu	International Journal of Applied Engineering Research				13, 7,2018 pp. 5256- 5259 0973-4562
Semi-Automated Fire control Robot using Android Application	M.KrishnaSai , G.Manideep, K.Venkateswar a Reddy , P.Hemanth, G.L.N.Murthy	International Journal of Research in Electronics and Computer Engineering				6(1), (2018), 498-501 2393-9028,
Brain Tumor Segmentation using Evolutionary Computation Techniques in MRI Images	T. Anilraju	International Journal of Research in Electronics And Computer Engineering				6(1), (2018), 493-497 2393-9028
Islanding detection for inverter based distributed generation with Low frequency current harmonic injection through Q controller and ROCOF analysis	Ch. Rami Reddy, K.Harinadha Reddy	Journal of Electrical Systems				14(2) (2018), 179-191, 1112-5209
Fuzzy autonym MFs to improve complex grid	K. Harinadha Reddy,	International Journal of Systems,				9(3), (2018), 230-254, ___

network security by fuzzy implication PSO algorithm for dealing of islanding ADCS mode	S. Govinda Raju	Control and Communications				1755-9359
Islanding Detection Method for Inverter based Distributed Generation based on Combined Changes of ROCOAP And ROCORP	Ch. Rami Reddy, K. Harinadha Reddy	International Journal of Pure and Applied Mathematics				117 (19), (2017), 433-440 1311-8080 1314-3395
Matlab based simulation model of standalone DC microgrid for remote area power applications	G Srinivasa Rao, K Harinadha Reddy, B Ravi Teja, B Devasahayam, Shaik Khaleel	International Journal of Engineering & Technology (UAE)				7(1) (2018), 0975-4024 2227-524x
Simulation And Experimental Verification of Novel Multi Level Inverter with Minimum Number of Switches	C.P.Sekhar, M.Umavani PV Ramana Rao	International Journal of Advanced Research In Dynamical and Control Systems (JARDCS)				9(2), (2017), 1943-023x
Comparative Analysis of H-Bridge Multilevel Inverter Fed Induction Motor Drive with Minimum Number of Switches	C.P. Sekhar, PV Ramana Rao, M.Umavani	International Journal of Pure and Applied Mathematics				117(10), (2017) 75-78 1311-8080, 1314-3395
Spectroscopic studies of Dy ³⁺ ion doped telluride glasses for solid state lasers and white LEDs	V. Himamaheswara Rao P. Syam Prasad M. Mohan Babu P. Venkateswara Rao T. Satyanarayana P. Syam Prasad	Spectrochimica Acta Part A: Molecular & Biomol. Spectroscopy – ELSEVIER				188(5) (2018) 516-24 1386-1425
Influence of molybdenum oxide on structural, optical and physical properties of oxychloride glasses for non-linear optical devices	F.Goumeidane M.Iezid B.Melik M. Poulain T. Satyanarayana P. Syam Prasad P. Venkateswara Rao	Ceramics International- ELSEVIER				43 (2017) 11305-11311, 0272-8842
Performance Analysis of Reconfigurable Antenna with Notch Band Characteristics	K. Pavani	Microelectronics, Electromagnetics and Telecommunications, Conference paper: Part of the Lecture Notes in Networks and Systems book series (LNNS, Volume 471) Springer				471 (2018), 865-871
A MIMO system-Design Field	Bikash Swain R.A.Naik	International Journal of Scientific Research and Reviews				7(1), (2018), 389-398, 2279–0543

		(IJSRR)				
An experimental study on the effect of nanoparticles with novel tamarind seed methyl ester for diesel engine applications	V. Dhanaraju, P.S. Kishore, K. Nanthagopal, B. Ashok	Energy Conversion and Management-ELSEVIER				164, (2018), 655-666, 0196-8904
Effect of exhaust gas recirculation on performance and emission characteristics of a diesel engine fuelled with tamarind biodiesel	V. Dhanaraju, P.S.Kishore	International Journal of Ambient Energy (T & F)				Jan. (2018) 2162-8246 doi.org/10.1080/01430750.2017.1421579
Effect of fuel additives in Tamarind seed methyl esters Biodiesel fuelled diesel engine	V. Dhanaraju, P.S.Kishore	International Journal of Mechanical Engineering and Technology				9, (2018) 959-968 0976-6340
Effect of Twin-Pin profile tool on the Microstructure and mechanical properties of friction stir welded Dissimilar AA2024 and AA6061 Aluminium Alloys	Ch.Ratnam, B.Sudheer Kumar, K.N.D.Malleswara Rao	International Journal of Mechanical Engineering and Technology				9(3), (2018), 946-953 0976-6340
Parametric optimization of EDM on Hastelloy C-276 using Taguchi L18 Technique	ShaikhadarBasha, MurahariKolli, M.V.Jagannadha Raju	International Journal Engineering and Technology (UAE)				(2018), 1793-8236
Experimental studies on natural aspirated diesel engine Fuelled with corn seed oil methyl ester as a bio-diesel	E.R.K. Reddy, V.Dhana Raju	IOP Conf. Series: Materials Science and Engineering				Vol. 330, (2018) 012104
Experimental study of electrical discharge machining of Inconel X-750 using Tungsten-copper electrode	ShaikhadarBasha, M.V.Jagannadha Raju, K. Murahari	Materials Today: Proceedings-ELSEVIER				5, (2018) 6134-6148 2214-7853
Three Dimensional Finite element analysis of thin hybrid FRP skew Laminates for thermo elastic behaviour of different Materials	B.Susmitha, K.Durga, K.N.D.Malleswara Rao, K.V. Ravisankar, K. Narayana and Sp.KrishnaMithra	Materials Today: Proceedings-ELSEVIER				5, (2018) 2214-7853
A CFD Investigation of Heat transfer Enhancement of shell and tube Heat exchanger using Al ₂ O ₃ -water Nanofluid	K.Somasekhar, K.N.D.Malleswara Rao, V.Sankara Rao, Raffi Mohammed, M.Veerendra and T.Venkateswara Rao	Materials Today: Proceedings-ELSEVIER				5, (2018) 4592-4600 2214-7853
Optimization of Residual Stresses in Hard tuning of super	G. Kartheek, KollaSrinivas, Ch.Devraj	Materials Today: Proceedings-ELSEVIER				8, (2017) 0976-6340

alloy Inconel 718						
Some experimental studies on effect of exhaust –gas recirculation on performance and emission characteristics of a compression ignition engine fuelled with diesel and lemon – peel oil blends	A.Naresh Kumar, K.Brahma Raju, P.Srinivas Kishore K.Narayana	Materials Today: Proceedings- ELSEVIER				5, 2018 1194-1200 2214-7853
Fatigue and Wear Behaviour of Al-10Si-2.5Cu Alloys	P.V.Chandrasekhar Rao, K.G.Basava Kumar	Indian Foundry Journal				64(4) (2018) 39-44
Green synthesis of Zinc oxide Nano particles using extracts of ocimumtenuiflorum and its characterization	K.Dilip Kumar, K.Narayana, K.Appa Rao	Journal of Nanoscience, Nanoengineering& Applications				8(1), (2018) 2321-5194
Design and development of seed sowing AGROBOT	A.Nageswara Rao, S.Pichi Reddy N.Raju	Journal of Emerging Technology and Innovation Research				5(5) (2018), 783-787, 2349-5162
Cloud Service Broker: Selection of Providers Using DTRFV Evaluation	K. Anupriya M. Sreelatha	Journal of Theoretical and Applied Information Technology				95, (2017), 3551-3559, 1992-8645
Classification model using genetic algorithm with correlated BPNN based Artificial Intelligent System	B.Srinivasa Rao, S.Naganjaneyulu, O.RamaDevi, B.RamaDevi, R.Vijay Kumar Reddy	Journal of Advanced Research in Dynamical and Control Systems				8(7), (2018), 304-312 1943-023x
Clustering The Polymorphic Malware Traces	A. Sarvani B. VenugopalD.Nagaraju	IEEE Conference-2017 International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies (ICAMMAET)				1(5), (2018), ISBN: 978-1-5090-3378-2
A Refined K-Means Technique to Find the Frequent Item Sets: Cognitive Science And Artificial Intelligence	A Sarvani, B Venugopal, D.Nagaraju	Springer Briefs in Applied Sciences and Technology book series (BRIEFSAPPLSCIENCES) (ICCSAI-2017)				1, (Dec. 2017) 45- 53, ISBN: 978-981- 10-6698-6
Hybridized Neural Network Training Algorithm For Heart Disease Detection by Reducing Features to Improve Accuracy	B. Srinivasa Rao N. Gnaneswara Rao, T. Sravani	International Journal of Scientific Research And Review				7, (2018), 269-316 2279-543x

How good is employee welfare in Indian PSUs? Some empirical evidence	SrinivasLakkoju, VaniThamma, NirmalaDeepika, K.B.	Management Today				7 (4), 2017, 187-193, 2230-9764 2348-3989
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3.4.6 h-index of the Institutional Publications during the year. (Based on Scopus/ Web of science)

Title of paper	Name of the author/s	Title of journal	Year of publication	h-index	Institutional affiliation as mentioned in the publication	Number of citations including self citations
Effect of Reinforcement on compacting characteristics of Aluminium/10-Al ₂ O ₃ /Fly ash Metal Matrix composite	Dr.SeelamPichiReddy	Journal of Testing and Evaluation	April 2018	3	LBRCE	-
	Dr.P.V.Chandrasekhar Rao			2		
	Dr.KolliMurahari			4		
Experimental study of non-polar surfactant mixed with dielectric fluid in die sinking EDM of Ti-6Al-4V alloy	Dr.KolliMurahari,Adepukumar	Journal of Testing and Evaluation	April 2018	4	LBRCE	2
Multi-response optimisation of machining process parameters for wire electrical discharge machining of Lead Induced Ti-6Al-4V alloy using AHP-TOPSIS method	A.V.S Ram Prasad, KoonaRamji, Dr.MurahariKolli, G.Vamsikrishna	Journal of Advanced Manufacturing systems	March 2018	4	LBRCE	2
An experimental study on the effect of nanoparticles with novel tamarindseed methyl ester for diesel engine applications	V.Dhanaraju, P.S.Kishore, K.Nanthagopal, B.Ashok	Energy Conversion and Management	March 2018	1	LBRCE	2
Experimental study of electrical discharge machining of Inconel X-750 using Tungsten-	ShaikKhadarBasha, M.V.Jagannadharaju, Dr.MurahariKolli	Materials Today: Proceedings	April 2018	4	LBRCE	1

copper electrode						
Effect of fuel additives in Tamarind seed methyl esters Biodiesel fuelled diesel engine	V.Dhanaraju,P.S.Kishore	International journal of mechanical Engineering and technology	July 2017	1	LBRCE	1
Some experimental studies on effect of exhaust -gas recirculation on performance and emission characteristics of a compression ignition engine fuelled with diesel and lemon - peel oil blends	A.NareshKumar,Dr.K.Brahma Raju, Dr.P.Srinivas Kishore	Elsevier-materials today proceedings	March 2018	-	LBRCE	1
	K.Narayana			-		
Three Dimensional Finite element analysis of thin hybrid FRP skew Laminates for thermo elastic behaviour of different Materials	B.Susmitha, K.Durga, K.N.D.Malleswara Rao, K.V. Ravisankar, SP.KrishnaMithra	Elsevier-materials today proceedings	March 2018	1	LBRCE	2
	Narayana Karagani			-		
A CFD Investigation of Heat transfer Enhancement of shell and tube Heat exchanger using Al ₂ O ₃ -water Nano fluid	K.Somasekhar, Raffi Mohammed, M.Veerendra	Elsevier-materials today proceedings	February 2018	-	LBRCE	1
	K.N.D.Malleswara Rao			1		
	V.Sankara Rao			-		
	T.Venkateswara Rao			-		
Effect of Twin-Pin profile tool on the Microstructure and mechanical properties of friction stir welded Dissimilar AA2024 and AA6061 Aluminium Alloys	Ch.Ratnam, B.Sudheerkumar, K.N.D.Malleswara Rao	International journal of mechanical Engineering and technology	March 2018	1	LBRCE	1
Optimization of Residual Stresses in Hard tuning of super alloy Inconel 718	G.Kartheek,KollaSrinivas , Ch.Devraj	Elsevier-materials today proceedings	March 2018	1	LBRCE	1
Effect of exhaust gas recirculation on performance	V.Dhanaraju, P.S.Kishore	International Journal of Ambient	January 2018	1	LBRCE	4

and emission characteristics of a diesel engine fuelled with tamarind biodiesel		Energy				
Experimental studies on natural aspirated diesel engine fuelled with corn seed oil methyl ester as a bio-diesel.	E.Rama Krishna Reddy, V.Dhana Raju	IOP Conf. Series: Materials Science and Engineering	January 2018	1	LBRCE	1
Green synthesis of Zinc oxide Nano particles using extracts of ocimum tenuiflorum and its characterization	Dr.K.Dilipkumar	Journal of Nanoscience, Nano engineering & Applications	April 2018	2	LBRCE	3
	K.Narayana			-		
	Dr.K.Appa Rao			1		
Assessing the influence of surfactant and B ₄ C Powder mixed in dielectric fluid of Titanium alloy	Dr.Kolli Murahari, Adepukumar	Springer-science Reviews	November 2017	4	LBRCE	3
Fatigue and Wear Behaviour of Al-10Si-2.5Cu Alloys	Dr.P.V.Chandrasekhar Rao, K.G.Basava Kumar	Indian Foundry Journal	December 2017	2	LBRCE	3
Fabrication and performance analysis of Prototype PEM Fuel cell Hybrid vehicle	S.Ramireddy	International Journal of Engineering and Techniques	May 2018	-	LBRCE	-
	Mallikarjuna Rao Dandu			-		
	A V V R Prasad Y			-		
Design and development of seed sowing AGROBOT	A.Nageswara Rao, N.Raju	Journal of Emerging technology and innovation research	May 2018	-	LBRCE	-
	S.Pichi Reddy			3		
Optimization of performance of Water-Lithium Bromide Refrigeration system by second Law analysis using MATLAB	P.Tharun Sai,	International journal of Advanced engineering and Research development	April 2018	-	LBRCE	1
	Dr.K.Appa Rao			1		
Improving energy efficiency of a vapour compression refrigeration system using a phase change	Mallikarjuna Rao Dandu	International Journal of creative research thoughts	April 2018	-	LBRCE	-
	Dr.P. Vijaykumar			1		
	J.Venkatasomireddy			-		

material						
Simulation of stress distribution in Leaf spring variable parametric and loading conditions	JonnalaSubba Reddy	International journal of Engineering research and technology	April 2018	-	LBRCE	-
	M.Bhavani			-		
	J. VenkataSomi Reddy			-		
Influence of parameters on safe design of leaf spring for static and dynamic loading using Finite Element Analysis	JonnalaSubbaReddy	International journal of Advanced engineering and Research development	April 2018	-	LBRCE	-
	M.Bhavani			-		
	G.Kartheek			1		
	J. VenkataSomi Reddy			-		
Processing and Characterization of Sn O ₂ thin film fabricated mechanism for suitability of sensor applications	JonnalaSubbaReddy	International Journal of Advance Engineering and Research Development	April 2018	-	LBRCE	-
	M.Bhavani			-		
	G.Kartheek,			1		
	J. VenkataSomi Reddy			-		
	P. Sandeep Kumar			1		
Optimization of a product mix in a paper mill – a case study	JonnalaSubbaReddy	International Journal of Advance Engineering and Research Development	April 2018	-	LBRCE	-
	M.Bhavani			-		
	G.Kartheek			1		
	J. VenkataSomi Reddy			-		
Parametric optimization of EDM on Hastelloy C-276 using Taguchi L18 Technique	ShaikKhadarBasha, Dr.MurahariKolli,M.V.Jagannadharaju	International journal of Engineering and Technology	March 2018	4	LBRCE	-
Effect of Fibre angle on Inter laminar stresses of FRP angle Ply Laminate	Siva SankarBabu.Ch	International Journal of creative research thoughts	March 2018	-	LBRCE	-
	Viswandh K.V			-		
	VenkateswaraRao.T			-		
	Sudheerkumar.B			1		
A Comprehensive review on the finite element analysis of mechanical components	B.Udaya Lakshmi,	International Journal of creative research thoughts	March 2018	-	LBRCE	-
	K.N.D.Malleswara Rao			1		
	V.Sankara Rao			-		
Design and FEA Analysis of	J.VenkataSomiReddy,P. V.D.Vivek Kumar	International journal	March 2018	-	LBRCE	-

Shafting system in a Fleet Support vessel	Mallikarjuna Rao Dandu	of Advanced engineering and Research development		-		
Sintering Characteristics of Al-2.3% Cu-1.6% Mg-Fly ash Metal Matrix composites	Dr.SeelamPichiReddy	International journal for research in Applied science & engineering and technology	January 2018	3	LBRCE	-
	Dr.MurahariKolli			4		
	K.Narayana			-		
	P.Sandeep Kumar			1		
Experimental studies on Four stroke diesel engine fuelled with Tamarind seed oil as potential alternative fuel for sustainable green Environment	V.Dhanaraju,Dr.P.S.Kishore, K. Yamini	European Journal of Sustainable Development	January 2018	1	LBRCE	-
Flexural Properties of Bamboo Fiber Reinforced Hybrid Composite	T.Venkateswara Rao	International journal of Innovative research in technology	January 2018	-	LBRCE	-
	K.N.D.Malleswara Rao			1		
	V.Sankar Rao			-		
	B.Sudheerkumar			1		
A Comprehensive review on Friction stir welding of aluminium alloys	Ch.Ratnam, B.Sudheerkumar, K.N.D.Malleswara Rao	International journal of Advanced engineering and Research development	January 2018	1	LBRCE	-
Fatigue Behaviour of Al-Si alloys Subjected to Reversed Bending	Dr.P.V.Chandrasekhar Rao	Journal of Manufacturing Engineering	December 2017	2	LBRCE	1
	Dr.S.Pichi Reddy			3		
Simulation and performance analysis of solar parabolic trough collector	M.KusumaKumari, Dr.P.Ravindrakumar	International journal Thermal Energy and applications	November 2017	2	LBRCE	-
CFD analysis and experimental investigation on Ranque-Hilsch counter flow	Sk.Nayeem, Dr.K.Dilipkumar	International journal of mechanical dynamics	November 2017	2	LBRCE	-

vortex tube for optimizing tube length by using compressed air		and analysis				
Performance enhancement of vapour compression refrigeration system by using solar thermoelectric Sub-cooler	M.Ravikiran, Dr.K.Dilipkumar	Journal of Refrigeration, Air conditioning, Heating and ventilation	November 2017	2	LBRCE	-
Performance enhancement of R-134a refrigeration cycle by using solar PeltierSubcooler	M.Ravikiran, Dr.K.Dilipkumar	International journal Thermal Energy and applications	November 2017	2	LBRCE	-
Performance of Air Power Engine Fuelled with Oxygen Gas, Compressed Air and Engine Exhaust Gas	S.VenkateswaraRao,Dr.P . Ravindra Kumar	International Journal of Thermal Energy and Applications	November 2017	2	LBRCE	-
Effect of operational Temperatures in Efficiency of shell and Tube Heat Exchanger	Kamala Priya.B	International journal of scientific & Engineering Research	September 2017	-	LBRCE	-
Performance of Air power engine powered with compressed Air and engine exhaust Gas	A.S.Venkateswara Rao, Dr.P.Ravindra Kumar	International journal of Innovative research in technology	August 2017	2	LBRCE	-
	Dr.P.Vijay Kumar			1		
Performance analysis of VCR system by applying Magnetic field to liquid line using R134a Refrigerant	G.V.V.S.V.Vara Prasad, Dr.K.Dilipkumar	International journal for science and advanced research in technology	August 2017	2	LBRCE	-
Experimental studies on EDM of Al 7075/B4c/Gr Hybrid composite using RSM Box-Behnken Approach	NareshKolli, Tirumala Rao Chinka, Dr.MurahariKolli	International journal for research in applied science & Engineering technology	August 2017	4	LBRCE	-
Experimental investigation on diesel engine using Linseed oil and	B.Rajsekhar, Dr.K.Appa Rao	International journal for research in science	July 2017	1	LBRCE	-

Sunflower+coconut oil methyl esters		engineering and technology				
CFD analysis of a closed loop pulsating Heat pipe using water and Methanol	B.Prakash, Dr.P.Vijay Kumar	International journal of current research in Engineering and Technology	July 2017	1	LBRCE	-
Heat transfer analysis by simulation on corrugated plate Heat exchanger	B.Sreechaitanya, Dr.P.Vijaykumar	International journal for research in science engineering and technology	July 2017	1	LBRCE	-
CFD analysis of Mixed Ejector	D.Kameswara Rao, Dr.P.Vijaykumar	International journal for science and advanced research in technology	July 2017	1	LBRCE	-
Performance and Emission Characteristics of CI engine fuelled with Mango seed and Jatropa Biodiesels	TummaLakshman Kumar, Dr.P.Ravindrakumar	International journal for science and advanced research in technology	July 2017	2	LBRCE	-
Performance analysis of vortex tube refrigerator	Sk.Nayeem, Dr.K.Dilipkumar	International journal for research in science Engineering and technology	July 2017	2	LBRCE	-
Experimental studies on diesel engine fuelled with Cashew nut shell oil as an Alternative fuel	G.V.V.N.Sivanjaneyulu, V.Dhanaraju	International journal of engineering sciences and Research technology	July 2017	1	LBRCE	-
Characteristic comparison of the start-up performance of various working fluids in a Heat pipe at different lengths at different angles	S.Ashok, K.Lakshmi Prasad	International journal for science and advance research in technology	July 2017	1	LBRCE	-
Experimental investigation of	J.N.V.M.Vamsi Krishna, K.Lakshmi Prasad	International journal	July 2017	1	LBRCE	-

the copper oscillating Heat pipe using Nano fluid		for science and advance research in technology				
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3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	57	154	53	45
Presented papers	45	12	1	-
Resource Persons	2	1	4	3

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/ Sponsoring Agency	Revenue generated (amount in rupees)
CIVIL	SBC Soil Sample Testing	R. Prasadarao, DEE (P.R), Sub-Division, Tiruvuru.	5,000/-
	Brick Compressive strength	Centre for people's Forestry, Ibrahimpatnam, Krishna(d)	500/-
	Cube Testing	M. Sunilbabu, CE, Worley Parsons, Vijayawada	30,600/-
	Cube Testing	Abdul Quddus, MD, RIC, Guntur.	7,900/-
	Cube Testing	D. Chandrasekhar, Vijayawada	600/-
	Aggregate Testin0067	G.R.S. Engineers, Vishakapatnam	1,300/-
MECHANICAL	Mechanical Properties evaluation of water Hyacith Based green composites	MIC College of Technology	2000/-
	Sintering Process in Powder Metallurgy	MSSVH College of Engineering	3000/-
	Tyre Biodiesel Test	SRK Institute of Technology	1200/-
	Compression Testing Machine	VISIT	1000/-
	Karanja Bio Diesel	PVPSIT	800/-
	Palm Bio Diesel	PVPSIT	800/-
	4-Stroke Single Cylinder Engine	Usha Rama College of Engineering	800/-
	Tensile Test	JNTUH	3000/-
	Tensile Test	JNTUH	8400/-
	Tensile Test	JNTUH	17000/-
Tensile Test	JNTUH	14000/-	

	Tensile Test	JNTUH	11000/-
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3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
ECE	LabView Training	NI Instruments	39,400/-	02
EEE	ANSYS Software and their applications to Electrical Engineering	ARK Info solutions Pvt Ltd	39,400/-	01

3.6 Extension Activities

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

Title of the Activities	Organising unit/agency/collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities
Vanam-Manam	NSS Unit	10	63
Dr.K.L.Rao Birthday Celebrations	NSS Unit	10	68
Awareness Program on Anti-Ragging and Anti-Drug	NSS Unit	10	960
Independence day Celebrations	JNTUK University	10	95
Telugubasha Dinotsavam	NSS Unit	10	56
Sankalp Se Sidhi	NSS Unit	10	3735
GO-Green and Save the Rivers Programs	NSS Unit	10	54
Blood Donation Program	Indian Red Cross Society	10	74
NSS Foundation Day	NSS Unit	10	57
Blood Group checking for First Years	Indian Red Cross Society	10	930
World Students Day	NSS Unit	10	75
Police Commemoration Day(Blood Donation Program)	A.P.State Police Department	10	20
Online Learning Driving License Mela	A.P.Transport Department	10	116
Fund Collection to Indian Association for Blind, Madhurai	NSS Unit	10	491

Health Camp And Awareness Program on “Hepatitis”	NSS Unit	10	237
ODF Survey on “Availability on Toilets “ at Pondugala Village	JNTUK University	10	36
Run for Unity	NSS Unit	10	3891
Enrollment of Students into NSS Unit	NSS Unit	10	261
Children’s Day	NSS Unit	10	25
Awareness Program on “Digital Transactions”	State Bank of India	10	917
Hepatitis Dose-2 Program	NSS Unit	10	227
Elocution Content conducted by Nehru Yuva Kendra,Vijayawada	Nehru Yuva Kendra,Vijayawada	10	12
Janma Bhomi – Maa Vuru	A.P State Govt	10	56
Health Awareness Program on Sugar, BloodPressure,Obesity	NSS Unit	10	324
Hepatitis-B Screening and Vaccination for Students	NSS Unit	10	517
Armed Forces Fund Rising	NSS Unit	10	345
Republic Day Celebrations	JNTUK University	10	88
Pulse Polio Immunization-Phase I	State Government ICDS Staff and Anganwadis	10	15
Voluntary Service to Public on Sivarathri Festival	A.P.State Police Department	10	119
Awareness Program on “Energy Conservation related to Save Fuel, Save Future, Save Environment”	Hindhusthan Petroleum Corporation Limited	10	175
Voluntary Service to public at Velvadam on the eve of Kodamda Ramalayam Ceremony	A.P.State Police Department	10	50
Fund Donation to J.Jamalayya, Garden Worker	NSS Unit	10	327
Awareness Program on “Common Heart Issues”	NSS Unit	10	329
Blood Donation Program	Indian Red Cross Society	10	47
Distribution of Lunch Plates at APUP School,Pondugala	NSS Unit	10	64
Awareness Program on “Digital Transactions”	Central Bank of India Bank Staff	10	-
Water Kiosk	NSS Unit	10	-
INTERNATIONAL DAY OF YOGA	NCC Unit	10	116
TREE PLANTATION PROGRAM	NCC Unit	10	13
INDEPENDENCE DAY CELEBRATIONS	NCC Unit	10	45

SELECTION TRAILS FOR TSC/MAVALANKAR	NCC Unit	10	2
SWATCH PAKWADA	NCC Unit	10	13
VOLUNTEERS AT SHIVALAYAM	NCC Unit	10	25

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Nehru Yuva Kendra District Level	FIRST & SECOND	Ministry of Youth Affairs & Sports, Govt of India	02
NSS Special Camp	Best Service	JNTUK, Kakinada & Mandal Revienu Office	50
Blood Donation Program	Best Service	Indian Red Cross Society	20
Blood Donation Program	Best Service	A.P.Police Department	20
Republic Day Parade	Represented Republic Day Parade, New Delhi	Central Government of India	01 (M.Kiranmai,)
Republic Day Parade	Represented Republic Day Parade, Amaravati, A.P.	State Government of A.P	01 (J.Swapna)

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organizations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Title of the Activities	Organising unit/agency/collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities
NSS	Vanam-Manam	NSS Unit	10	63
NSS	Dr.K.L.Rao Birthday Celebrations	NSS Unit	10	68
NSS	Awareness Program on Anti-Ragging and Anti-Drug	NSS Unit	10	960
NSS	Independence day Celebrations	JNTUK University	10	95
NSS	Telugubasha Dinotsavam	NSS Unit	10	56
NSS	Sankalp Se Sidhi	NSS Unit	10	3735
NSS	GO-Green and Save the Rivers Programs	NSS Unit	10	54
NSS	Blood Donation Program	Indian Red Cross Society	10	74
NSS	NSS Foundation Day	NSS Unit	10	57

NSS	Blood Group checking for First Years	Indian Red Cross Society	10	930
NSS	World Students Day	NSS Unit	10	75
NSS	Police Commemoration Day(Blood Donation Program)	A.P.State Police Department	10	20
NSS	Online Learning Driving License Mela	A.P.Transport Department	10	116
NSS	Fund Collection to Indian Association for Blind, Madhurai	NSS Unit	10	491
NSS	Health Camp And Awareness Program on “Hepatitis”	NSS Unit	10	237
Adopting Villages	ODF Survey on “Availability on Toilets “ at Pondugala Village	JNTUK University	10	36
NSS	Run for Unity	NSS Unit	10	3891
NSS	Enrollment of Students into NSS Unit	NSS Unit	10	261
NSS	Children’s Day	NSS Unit	10	25
NSS	Awareness Program on “Digital Transactions”	State Bank of India	10	917
NSS	Hepatitis Dose-2 Program	NSS Unit	10	227
NSS	Elocution Content conducted by Nehru Yuva Kendra, Vijayawada	Nehru Yuva Kendra, Vijayawada	10	12
NSS	Janma Bhomi – Maa Vuru	A.P State Govt	10	56
NSS	Health Awareness Program on Sugar, Blood Pressure, Obesity	NSS Unit	10	324
NSS	Hepatitis-B Screening and Vaccination for Students	NSS Unit	10	517
NSS	Armed Forces Fund Rising	NSS Unit	10	345
NSS	Republic Day Celebrations	JNTUK University	10	88
NSS	Pulse Polio Immunization-Phase I	State Government ICDS Staff and Anganwadis	10	15
NSS	Voluntary Service to Public on Sivarathri Festival	A.P.State Police Department	10	119
NSS	Awareness Program on “Energy Conservation related to Save Fuel, Save Future, Save Environment”	Hindusthan Petroleum Corporation Limited	10	175

NSS	Voluntary Service to public at Velvadam on the eve of Kodamda Ramalayam Ceremony	A.P.State Police Department	10	50
NSS	Fund Donation to J.Jamalayya, Garden Worker	NSS Unit	10	327
NSS	Awareness Program on "Common Heart Issues"	NSS Unit	10	329
NSS	Blood Donation Program	Indian Red Cross Society	10	47
NSS	Distribution of Lunch Plates at APUP School,Pondugala	NSS Unit	10	64
NSS	Awareness Program on "Digital Transactions"	Central Bank of India Bank Staff	10	-
NSS	Water Kiosk	NSS Unit	10	-
NCC	INTERNATIONAL DAY OF YOGA	NCC Unit	10	116
NCC	TREE PLANTATION PROGRAM	NCC Unit	10	13
NCC	INDEPENDENCE DAY CELEBRATIONS	NCC Unit	10	45
NCC	SELECTION TRAILS FOR TSC/MAVALANKAR	NCC Unit	10	2
NCC	SWATCH PAKWADA	NCC Unit	10	13
NCC	VOLUNTEERS AT SHIVALAYAM	NCC Unit	10	25

3.7 Collaborations

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

Nature of the Activity	Participant	Source of financial support	Duration
Major Project	ADAPUREDDY SRINIVAS	Self-financed	3-6-2017 to 30-6-2017
Major Project	AMMISSETTI RAMYA	Self-financed	3-6-2017 to 30-6-2017
Major Project	BETHAMPUDI MAHENDRA	Self-financed	3-6-2017 to 30-6-2017
Major Project	BOYILLA PUSHPALATHA	Self-financed	3-6-2017 to 30-6-2017
Major Project	BOLLAREDDY MANJEERA	Self-financed	3-6-2017 to 30-6-2017
Major Project	BOMMANABOINA LAKSHMI PRASANTHI	Self-financed	3-6-2017 to 30-6-2017
Major Project	CHANDOLU MAHALAKSHMI	Self-financed	3-6-2017 to 30-6-2017

Major Project	CHITTIPROLU SAILAKSHMI	Self-financed	3-6-2017 to 30-6-2017
Major Project	GANGIREDDY ANUSHA	Self-financed	3-6-2017 to 30-6-2017
Major Project	GUNJA VENKATA RAVIKUMAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	INUMUKKULA RAVI	Self-financed	3-6-2017 to 30-6-2017
Major Project	JAKKUNURI JYOTHI	Self-financed	3-6-2017 to 30-6-2017
Major Project	KANCHARLA MOUNIKA	Self-financed	3-6-2017 to 30-6-2017
Major Project	KANDULA ANJI REDDY	Self-financed	3-6-2017 to 30-6-2017
Major Project	KARRA DAVID LIVINGSTON	Self-financed	3-6-2017 to 30-6-2017
Major Project	KASARLA SANDHYARANI	Self-financed	3-6-2017 to 30-6-2017
Major Project	KONAPARTHI GOPALACHARI	Self-financed	3-6-2017 to 30-6-2017
Major Project	KOSURU NAGALAKSHMI	Self-financed	3-6-2017 to 30-6-2017
Major Project	KOTA ROHINI	Self-financed	3-6-2017 to 30-6-2017
Major Project	LAKKUM VIJAYADURGA	Self-financed	3-6-2017 to 30-6-2017
Major Project	MANEM M M NARESH KUMAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	MIRIYALA LEELAKRISHNA	Self-financed	3-6-2017 to 30-6-2017
Major Project	MOHAMMED MOBEENA BEGUM	Self-financed	3-6-2017 to 30-6-2017
Major Project	MOHAMMED SHAMI	Self-financed	3-6-2017 to 30-6-2017
Major Project	MUDILI RAVITEJA	Self-financed	3-6-2017 to 30-6-2017
Major Project	N KOTESWARA RAO	Self-financed	3-6-2017 to 30-6-2017
Major Project	NALLARI THARUNTEJA	Self-financed	3-6-2017 to 30-6-2017
Major Project	NELAPATI RAJASEKHAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	N SUDHAKAR RAO	Self-financed	3-6-2017 to 30-6-2017
Major Project	NUTHALAPATI ANIL KUMAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	PENDEM RAJU	Self-financed	3-6-2017 to 30-6-2017
Major Project	PERUGU RAMAKRISHNA	Self-financed	3-6-2017 to 30-6-2017
Major Project	PILLALA GOVARDHANA BABU	Self-financed	3-6-2017 to 30-6-2017
Major Project	PILLALAMARRI NAGA SIVA ABHISHEK	Self-financed	3-6-2017 to 30-6-2017
Major Project	RUDRAPOGU SEKHAR	Self-financed	3-6-2017 to 30-6-2017

Major Project	RASAKONDA SRIHARI	Self-financed	3-6-2017 to 30-6-2017
Major Project	SAGGURTI SURESH KUMAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	SHAIK KHASIM	Self-financed	3-6-2017 to 30-6-2017
Major Project	SIRVISETTI SRIKANTH	Self-financed	3-6-2017 to 30-6-2017
Major Project	SRIRAM ESWARI	Self-financed	3-6-2017 to 30-6-2017
Major Project	TAMMINA YOJANA	Self-financed	3-6-2017 to 30-6-2017
Major Project	THATIPARTHI HEMANTH	Self-financed	3-6-2017 to 30-6-2017
Major Project	THALLAM PAVAN VENKATA SAIKUMAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	TIRUGULLA VINEETHA	Self-financed	3-6-2017 to 30-6-2017
Major Project	TUMMALA CHANDRAKANTH	Self-financed	3-6-2017 to 30-6-2017
Major Project	VANGURI PRAKASH	Self-financed	3-6-2017 to 30-6-2017
Major Project	VEMULA SAILAJA	Self-financed	3-6-2017 to 30-6-2017
Major Project	VINTHA VENKATA REDDY	Self-financed	3-6-2017 to 30-6-2017
Major Project	YARAMALA NAGAMANI	Self-financed	3-6-2017 to 30-6-2017
Major Project	YERRAGUNTLA SRAVAN KUMAR REDDY	Self-financed	3-6-2017 to 30-6-2017
Major Project	YERUVA RAJASEKHAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	BVV PRASANTH	Self-financed	3-6-2017 to 30-6-2017
Major Project	BATTULA NARESH	Self-financed	3-6-2017 to 30-6-2017
Major Project	BEZAWADA MOUNIKA	Self-financed	3-6-2017 to 30-6-2017
Major Project	BH VINNI KRISHNA REDDY	Self-financed	3-6-2017 to 30-6-2017
Major Project	BOMMALA DURGA BHAVANI	Self-financed	3-6-2017 to 30-6-2017
Major Project	BONGU SOWMYA	Self-financed	3-6-2017 to 30-6-2017
Major Project	B KAIVALYA	Self-financed	3-6-2017 to 30-6-2017
Major Project	B PRASAD	Self-financed	3-6-2017 to 30-6-2017
Major Project	CH LAKSHMI DURGA	Self-financed	3-6-2017 to 30-6-2017
Major Project	D V VENKATESH	Self-financed	3-6-2017 to 30-6-2017
Major Project	G RAMAKRISHNA	Self-financed	3-6-2017 to 30-6-2017
Major Project	G JAYA PRAKASH	Self-financed	3-6-2017 to 30-6-2017

Major Project	GUNDALA NAGAMOUNIKA	Self-financed	3-6-2017 to 30-6-2017
Major Project	JALADANKI RAMAKRISHNAMA CHARI	Self-financed	3-6-2017 to 30-6-2017
Major Project	JANNI VENKATA RAO	Self-financed	3-6-2017 to 30-6-2017
Major Project	K VIJAYKUMAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	KAMATHAM SATYANARAYANA	Self-financed	3-6-2017 to 30-6-2017
Major Project	K SATEESH BABU	Self-financed	3-6-2017 to 30-6-2017
Major Project	KEDASU BHAVANNARAYANA	Self-financed	3-6-2017 to 30-6-2017
Major Project	K M GANESH	Self-financed	3-6-2017 to 30-6-2017
Major Project	KOSURU RENUKA	Self-financed	3-6-2017 to 30-6-2017
Major Project	KUDUMULA URMILA	Self-financed	3-6-2017 to 30-6-2017
Major Project	LND PRASAD	Self-financed	3-6-2017 to 30-6-2017
Major Project	MADDALI AKHILA	Self-financed	3-6-2017 to 30-6-2017
Major Project	MAKARLA ARAVINDA	Self-financed	3-6-2017 to 30-6-2017
Major Project	M VENKATESWAR RAO	Self-financed	3-6-2017 to 30-6-2017
Major Project	M VV KRISHNA	Self-financed	3-6-2017 to 30-6-2017
Major Project	M RAMBABU	Self-financed	3-6-2017 to 30-6-2017
Major Project	M VENKATA KRISHNA REDDY	Self-financed	3-6-2017 to 30-6-2017
Major Project	MOHAMMED ZAINUL ABIDEEN	Self-financed	3-6-2017 to 30-6-2017
Major Project	M NAGA SRINIVASA RAO	Self-financed	3-6-2017 to 30-6-2017
Major Project	MORA VIJAYALAKSHMI	Self-financed	3-6-2017 to 30-6-2017
Major Project	M PRAVEEN KUMAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	MULI SURESH	Self-financed	3-6-2017 to 30-6-2017
Major Project	PAMARTHI INDIRA	Self-financed	3-6-2017 to 30-6-2017
Major Project	PANDIRI AJAY BABU	Self-financed	3-6-2017 to 30-6-2017
Major Project	PANUGALLA VENU	Self-financed	3-6-2017 to 30-6-2017
Major Project	P VIJAY KKUMAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	S SRINIVAS RAO	Self-financed	3-6-2017 to 30-6-2017
Major Project	SHAIK IRFAN	Self-financed	3-6-2017 to 30-6-2017

Major Project	SYED NAZIM	Self-financed	3-6-2017 to 30-6-2017
Major Project	THOKALA LIDHIYA	Self-financed	3-6-2017 to 30-6-2017
Major Project	T PHANI SEKHAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	T VINAY SANDEEP	Self-financed	3-6-2017 to 30-6-2017
Major Project	T SWATHI	Self-financed	3-6-2017 to 30-6-2017
Major Project	T MANOJ KUMAR	Self-financed	3-6-2017 to 30-6-2017
Major Project	T SRIMOUNIKA	Self-financed	3-6-2017 to 30-6-2017
Major Project	UYYURI VANAJA	Self-financed	3-6-2017 to 30-6-2017
Major Project	VELAVALAPALLI ESWARI	Self-financed	3-6-2017 to 30-6-2017
Major Project	YANDURI SARIKA	Self-financed	3-6-2017 to 30-6-2017
Major Project	AKULA ASHA	Self-financed	20-11-2017 to 21-04-2018
Major Project	AMMISSETTI SAI HANEESHA	Self-financed	20-11-2017 to 21-04-2018
Major Project	ANUMOLU ASHOK KUMAR	Self-financed	20-11-2017 to 21-04-2018
Major Project	BODAPATI NVSK GAYATHRI	Self-financed	20-11-2017 to 21-04-2018
Major Project	BOGINENI NAGA JYOTHI	Self-financed	20-11-2017 to 21-04-2018
Major Project	DIRISALA VENKATA RAMANA	Self-financed	20-11-2017 to 21-04-2018
Major Project	GANDASIRI ANJALI	Self-financed	20-11-2017 to 21-04-2018
Major Project	JONNALAGADDA GOPI NADH	Self-financed	20-11-2017 to 21-04-2018
Major Project	KALAHASTI SRINADH	Self-financed	20-11-2017 to 21-04-2018
Major Project	KAVURI SRILAKSHMI	Self-financed	20-11-2017 to 21-04-2018
Major Project	SINDHU KOTHA	Self-financed	20-11-2017 to 21-04-2018
Major Project	K VENKATA RAMANJANEYULU	Self-financed	20-11-2017 to 21-04-2018
Major Project	LAKKOJU SUKANYA	Self-financed	20-11-2017 to 21-04-2018
Major Project	MADHUMANCHI KOTESWARA RAO	Self-financed	20-11-2017 to 21-04-2018
Major Project	MALLELA POLESWARA RAO	Self-financed	20-11-2017 to 21-04-2018
Major Project	MARTALA MALLIKHARJUNA	Self-financed	20-11-2017 to 21-04-2018
Major Project	MUDUMUNTHALA MAHESH BABU	Self-financed	20-11-2017 to 21-04-2018
Major Project	MUKKU RAJYALAKSHMI	Self-financed	20-11-2017 to 21-04-2018

Major Project	MUNAGOTI SRINIVASA RAO	Self-financed	20-11-2017 to 21-04-2018
Major Project	NEMALIPURI SREENIVASULU	Self-financed	20-11-2017 to 21-04-2018
Major Project	PALAMANI JANAKI	Self-financed	20-11-2017 to 21-04-2018
Major Project	PALLA SATISH KUMAR	Self-financed	20-11-2017 to 21-04-2018
Major Project	PALLELA YAMINI	Self-financed	20-11-2017 to 21-04-2018
Major Project	PAMARTHI PURNAMANI SAI	Self-financed	20-11-2017 to 21-04-2018
Major Project	PATHAKOTTU SREEKANTH REDDY	Self-financed	20-11-2017 to 21-04-2018
Major Project	PERAM ANJANEYULU	Self-financed	20-11-2017 to 21-04-2018
Major Project	PERUMALLA KOTESWARA RAO	Self-financed	20-11-2017 to 21-04-2018
Major Project	RAYALA KRISHNA KUMARI	Self-financed	20-11-2017 to 21-04-2018
Major Project	SIRISENI SOWJANYA	Self-financed	20-11-2017 to 21-04-2018
Major Project	SOMARAJU DIVYA	Self-financed	20-11-2017 to 21-04-2018
Major Project	TADI SIVA NAGA RAJU	Self-financed	20-11-2017 to 21-04-2018
Major Project	TALLA JHANSI LAKSHMI	Self-financed	20-11-2017 to 21-04-2018
Major Project	T PRASANNA KUMAR REDDY	Self-financed	20-11-2017 to 21-04-2018
Major Project	TELAPROLU SOWJANYA	Self-financed	20-11-2017 to 21-04-2018
Major Project	THONTA SASIKALA	Self-financed	20-11-2017 to 21-04-2018
Major Project	THOTA SRIDEVI	Self-financed	20-11-2017 to 21-04-2018
Research Work	Dr.S.V.Jagadeesh Chandra	Kwangwoon University & INUP	2016 to Till Date
Research Work	Dr.S.V.Jagadeesh Chandra	INUP, IIT Bombay	2014 to Till date
Research Work	Mr. G. Venkata Rao	INUP, IIT Bombay	2016 to till date
Internship work	Mr. G V Naga Durga Maruthi	IASc, Bangalore-INSAs, Delhi-NASI (ALC02)	May-June,2018
Internship Work	Mr. A. Abishek, M. Swetha and NRSK Bhanu Sri (B.Tech VI-Sem Students)	LBRCE	May-June,2018
Advanced Labs Visiting & Training	Vankamamidi Naga Lakshmi Supraja, Kuvvarapu Madhuri Sowmya,, Yanamandra Lalitha Devi, Pallaprolu Saipavan Reddy, Kamiseti Srirajkumar.	LBRCE	15-05-18 to 13-06-18
Research Paper	P.Mohana Gangaraju	LBRCE	2017to Till date
RESEARCH WORK	I. Rajendra Kumar R Vijaya G.Rajendra G.Rajendra	NIL	

Research work	Ashok Kumar P.M	LBRCE	2017 to Till Date
Research work	Ashok Kumar P.M	LBRCE	2017 to Till Date
Research work	Ashok Kumar P.M	LBRCE	2017 to Till Date
Research work	Ashok Kumar P.M	LBRCE	2017 to Till Date
Research work	Ashok Kumar P.M	LBRCE	2017 to Till Date
Patent	Ashok Kumar P.M	LBRCE	2018 to Till Date
Research Work	Dr.Y.Amar Babu	LBRCE	2012 to Till Date
Research Work	Dr.Y.Amar Babu	LBRCE	2012 to Till Date
Research Work	Dr.E.V.Krishna Rao	LBRCE	2008 to 2018
Research Work	Dr.E.V.Krishna Rao	LBRCE	2008 to 2018
Research Work	Dr.E.V.Krishna Rao	LBRCE	2013 to Till Date
Research Work	Dr.E.V. Krishna Rao	LBRCE	2008 to Till Date
Research Work	Dr.A. Narendra Babu	LBRCE	2014 to Till Date
Research Work	Dr.A. Narendra Babu	LBRCE	2017 to Till Date
Research Work	G.L.N. Murthy	LBRCE	2010 to Till Date
Research Work	K.RaniRudramma	LBRCE	2015 to Till Date
Research Work	K.Rani Rudramma	LBRCE	2015 to Till Date
Research Work	B.Y.V.N.R Swamy	LBRCE	2014 to Till Date
Research Work	P.Rakesh Kumar	LBRCE	2013to Till Date
Research Work	P.Rakesh Kumar	LBRCE	2013 to Till Date
Research Work	K.Ravi Kumar	LBRCE	2016 to Till Date
Research paper	Dr. T.V. Nagalakshmi	Self finance	2017-2018
Research paper	Dr. T.V. Nagalakshmi	Self finance	2017-2018
Research paper	Dr. K. Jhansi Rani	Self finance	2017-2018
Research Paper	Dr. B. Rambabu	LBRCE	2017-18
Research Paper	Dr.B.Rambabu	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18

Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr.B.Poornaiah	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research Paper	Dr. T.Satyanarayana	LBRCE	2017-18
Research work	Dr.J.Sivavara Prasad	LBRCE	2011 to 2018
Research work	Dr M.UmaVani	LBRCE	2014 to till date
Research work	Dr K.Harinadha Reddy	LBRCE	2014 to till date
Research work	AVGA Marthanda	LBRCE	2015 to till date
Research work	Dr M. S. Giridhar	LBRCE	2017 to 2018
Research work	Dr M. S. Giridhar	LBRCE	2017 to 2018
Research work	Mr S.Prem Kumar	LBRCE	2017 to till date
Research work	Dr M.UmaVani	LBRCE	2014 to till date
Research work	Dr K.Harinadha Reddy	LBRCE	2014 to till date
Research work	Mr S.Prem Kumar	LBRCE	2017 to 2018
Research work	Dr K.Harinadha Reddy	LBRCE	2017 to 2018
Research work	Dr M.UmaVani	LBRCE	2014 to till date
Research work	Dr.J.Sivavara Prasad	LBRCE	2011 to 2018
Research work	Dr M.UmaVani	LBRCE	2014 to till date
Research work	Dr.K.Murahari	LBRCE	2017 to 2018

Research work	Dr.K.Murahari	LBRCE	2017 to 2018
Research work	Dr.V.Dhanaraju	LBRCE	2017 to 2018
Research work	Dr.K.Murahari	LBRCE	2017 to 2018
Research work	Dr.V.Dhanaraju	LBRCE	2017 to 2018
Research work	A.Naresh kumar, K.Narayana	LBRCE	2017 to 2018
Research work	KND Malleswara Rao, K.Narayana	LBRCE	2017 to 2018
Research work	K.Somasekkhar, KND Malleswara rao, V.Sankara rao, T.venkateswara rao	LBRCE	2017 to 2018
Research work	KND Malleswara Rao	LBRCE	2017 to 2018
Research work	G.Kartheek	LBRCE	2017 to 2018
Research work	Dr.V.Dhanaraju	LBRCE	2017 to 2018
Research work	Dr.K.Murahari	LBRCE	2017 to 2018
Research work	Dr.P.V.Chandrasekhar Rao	LBRCE	2017 to 2018
Research work	Dr.S.Pichi Reddy, A.Nageswara Rao	LBRCE	2017 to 2018
Research work	Dr.K.Murahari	LBRCE	2017 to 2018
Research work	J.Venkata Somireddy, Mallikarjuna Rao Dandu	LBRCE	2017 to 2018
Research work	Dr.V.Dhanaraju, K.S.Yamini	LBRCE	2017 to 2018
Research work	KND Malleswara Rao	LBRCE	2017 to 2018
Research work	Dr.K.Murahari	LBRCE	2017 to 2018
Research Paper	Dr.D.Nagaraju	LBRCE	2017-18
Research Paper	Dr.D.Nagaraju	LBRCE	2017-18
Research Paper	Dr.S. Naganjaneyulu	LBRCE	2017-18
Research Paper	Dr.D.Nagaraju, A.Sarvani	LBRCE	2017-18
Research Paper	Dr.D.Nagaraju, A.Sarvani	LBRCE	2017-18
Research Paper	Dr.B.Srinivasarao	LBRCE	2017-18
Research Paper	Mrs.K.Anupriya	LBRCE	2017-18
Research Paper	Dr.S. Naganjaneyulu	LBRCE	2017-18
Research Paper	Mr.T.Suresh	LBRCE	2017-18
Research Paper	Dr.D.NagaRaju	LBRCE	2017-18

Research Paper	Mrs.K.Anupriya	LBRCE	2017-18
Lecture notes on data engineering and communication technology	Dr. D.Nagaraju	LBRCE	2017-18
Research paper	Dr. V.V.Narsi Reddy, Dr. A. Adishesha Reddy	LBRCE	
research paper	Dr. V.V.Narsi Reddy	LBRCE	
research paper	Dr.V.V.Narsi Reddy	LBRCE	
research paper	Dr.V.V.Narsi Reddy	LBRCE	
research paper	Dr. L.Srinivas	LBRCE	
research paper	Mr. T. Chandrasekhar Yadav	LBRCE	
research paper	Mr. T. Chandrasekhar Yadav	LBRCE	

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-to)	Participant
Internship	Industry	Air India Engineering Services Limited, Hyderabad	14-05-18 to 09-06-18	3
Internship	Industry	Airport Authority of India, Vijayawada	14-05-18 to 06-10-18	8
Internship	Industry	Bangalore Aircraft Industry Pvt Ltd	14-05-18 to 13-06-18	6
Internship	Industry	Defence Research And Development Organisation (Drdo), Hyderabad	14-05-18 to 10-06-18	1
Internship	Industry	GMR Aero Technic, Hyderabad	14-05-18 to 06-09-18	3
Internship	Industry	Government Flying Training School, Bangalore	16-05-18 to 10-06-18	5
Internship	Industry	Hindustan Aeronautics Limited, Bangalore	14-05-18 to 06-09-18	9
Internship	Industry	Indian Institute of Science, Bangalore	13-05-18 to 14-06-18	8
Internship	Industry	Indian Space Research Organisation (Isro), Sriharikota	14-05-18 to 08-06-18	1
Internship	Industry	S & VMEK Engineering Pvt Ltd, Bangalore	14-05-18 to 10-06-18	3
Internship	Industry	Space Nexus, Delhi	17-05-18 to 15-06-18	9
Internship	Industry	Turbo Aviation Pvt Ltd, Hyderabad	14-05-18 to 10-06-18	1
Internship	Industry	Dwaraka Tirumala Constructions,eluru	23-05-18 to13-06-18	1

Internship	Industry	TVR Consultancy, Vizag	14-05-18 to 09-06-18	13
Internship	Industry	Vallabani Construction, Vijayawada	14-05-18 to 09-06-18	2
Internship	Industry	L&T Metro Rail Limited, Hyderabad	14-05-18 to 09-06-18	3
Internship	Industry	AP State Police Housing Corporation, Vijayawada	14-05-18 to 11-06-18	4
Internship	Industry	Prudhvi Building Constructions, Sattenapalli	14-05-18 to 11-06-18	1
Internship	Industry	Radhakrishna Civil &Electricals, Rajamundry	14-05-18 to 09-06-18	1
Internship	Industry	Raghuram Hume Pipes And Constructions, Gullapudi	11-05-18 to 11-06-18	2
Internship	Industry	Sarala Projects Pvt Ltd, Hyderabad	14-05-18 to 09-06-18	2
Internship	Industry	R&B Department Vijayawada	14-05-18 to 15-06-18	4
Internship	Industry	Aashish Infra Projects, Hyderabad	14-05-18 to 09-06-18	2
Internship	Industry	Water Resources Department,dowlesvaram	14-05-18 to 09-06-18	2
Internship	Industry	Sudhakara Infratech Pvt Limited, Hyderabad	14-05-18 to 10-06-18	2
Internship	Industry	Kotagiri Engineering Works, Hyderabad	14-05-18 to 09-06-18	3
Internship	Industry	R&B Department Vijayawada	11-05-18 to 15-06-18	2
Internship	Industry	Rajdeep Buildcon Pvt Ltd, Palavanha	14-05-18 to 15-06-18	3
Internship	Industry	Raillone Project Pvt Limited,hyderabad	14-05-18 to 15-06-18	1
Internship	Industry	Irrigation Circle, Vijayawada	12-05-18 to 09-06-18	2
Internship	Industry	Suavan Engineering Solutions, Hyderabad	14-05-18 to 12-06-18	1
Internship	Industry	GSR Conculatancy,guntur	12-05-18 to 12-06-18	3
Internship	Industry	Water Resources Department,mylavaram	14-05-18 to 05-06-18	4
Internship	Industry	Steel Plant,viskapatnam	07-05-18 to 26-05-18	1
Internship	Industry	Water Resources Department,nagailanka	14-05-18 to 09-06-18	3
Internship	Industry	LN engineers,vijayawada	14-05-18 to 09-06-18	1
Internship	Industry	Dwaraka Infra Projects,vijayawada	14-05-18 to 09-06-18	1
Internship	Industry	21st Century Software Solutions Pvt Ltd,Visakapatnam	10-05-18 to 10-06-18	1
Internship	Industry	ARETE It Solutions	10/05/18 - 07/06/18	14
Internship	Industry	Azure Skynet Solutions Pvt Ltd, Hyderabad	25-05-18 - 23-06-18	3

Internship	Industry	Biztimeit	05/05/18 - 25/06/18	1
Internship	Industry	C2N It Services Pvt Lmtd	11/05/18 - 11/06/18	1
Internship	Industry	Cloud Technologies,Hyderabad	11-05-18 to 14-06-18	10
Internship	Industry	Cloud Eye Technologies,Vishakapatnam	07-05-18 to 07-06-18	1
Internship	Industry	Codent Software, Vijayawada	14-05-18 to 13-06-18	6
Internship	Industry	Coign Consultancy, Hyd	03-05-18 to 10-06-18	3
Internship	Industry	CSA Software Solutions,Guntur	08-05-18 to 08-06-18	2
Internship	Industry	Dhruvataechno Solutions	15/05/18 - 05/06/18	1
Internship	Industry	Dsquare Tech Labs Hyd Pvt Ltd	10-05-18 to 08-06-18	3
Internship	Industry	Electronics Corporation Of India Ltd(Ecil), Hyderabad	7-05-18 to 15-06-18	18
Internship	Industry	Haltrack Hyderabad	09-05-18 to 09-06-18	1
Internship	Industry	Hitachi Consulting	25/05/18 - 29/06/18	1
Internship	Industry	Incline Inventions Pvt Ltd,Hyderabad	09-05-18 to 10-06-18	1
Internship	Industry	Indian Institute Of Technology Hyderabad	25-05-18 to 24-06-18	1
Internship	Industry	Internshipershala, Gurgaon	15-05-18 to 25-06-18	1
Internship	Industry	Krest technologies and pancome business center	08/05/18 - 08/06/18	2
Internship	Industry	Krest Technologies,Ameerpet, Hyderabad	08-05-18 to 08-06-118	4
Internship	Industry	Msr Projects, Ameerpet, Hyderabad	07-05-18 to 08-06-18	1
Internship	Industry	Netrich IT Solutions	16/05/18 - 16/06/18	3
Internship	Industry	PubMat,Pune	14-05-18 to 14-06-18	1
Internship	Industry	RELGO	15/05/18 - 15/06/18	1
Internship	Industry	SELLGLOBALLY InfoTech, Paradise Circle, Secunderabad	11-05-18 to 11-06-18	
Internship	Industry	Smart Park infra projects pvt.Lmt	13/05/18 - 13-06/18	1
Internship	Industry	Sourab Infotech Pvt Ltd, Vijayawada	10-05-18 to 10-06-18	3
Internship	Industry	Subrains Solutions Pvt Ltd, Mogalrajpuram,Vijayawada	07-05-18 to 07-06-18	
Internship	Industry	Sura Technologies,Paradise Circle, Secunderabad	15-05-18 to 10-06-18	6
Internship	Industry	Sunrise incubation hub	10/05/18 - 10/07/18	1

Internship	Industry	TCS	10/04/18 - 10/06/18	1
Internship	Industry	Webtech Labs Hyderabad	10-05-18 to 10-06-18	9
Internship	Industry	Xiotech	09/05/18 - 08/06/18	1
Internship	Industry	The National Small Industries Corporation Limited-Technical Services Centre,Hyderabad	9/5/18 to 8/6/18	23
Internship	Industry	Andhra Pradesh Power Generation Corporation Limited-Training Institute,Ibrahimpattanam,Krishna dt	9/5/18 to 5/6/18	10
Internship	Industry	Andhra Pradesh Power Generation Corporation Limited- Dr NTTPS,Ibrahimpattanam,Krishna dt	9.5.18 to 5.6.18	6
Internship	Industry	Andhra Pradesh Power Generation Corporation Limited- Nagarjuna Sagar Tailpond Hydel Power Plant, Nagarjuna Sagar	9.5.18 to 8.6.18	1
Internship	Industry	Andhra Pradesh Power Generation Corporation Limited Simhadri Super Thermal Power Station	10/5/18 to 9/6/18	2
Internship	Industry	Andhra Pradesh Power Transmission Corporation , Khambampadu - Substation	14.5.18 to 14.6.18	4
Internship	Industry	Andhra Pradesh Southern Power Distribution Company Limited,Vinukonda - Substation	9.5.18 to 9.6.18	1
Internship	Industry	Andhra Pradesh Southern Power Disstribution Company Limited - Chillakallu Substation	9.5.18 to 9.6.18	1
Internship	Industry	Andhra Pradesh Southern Power Distribution Company Limited,nuzvid,krishna dt	9/5/18 to 8/6/18	1
Internship	Industry	Andhra Pradesh Southern Power Distribution Company Limited,kambhampadu,krishna dt.	9/5/18 to 9/6/18	2
Internship	Industry	Andhra Pradesh Southern Power Distribution Company Limited,gunadala,Vijayawada, Krishna dt.	9/5/18 to 8/6/18	6
Internship	Industry	Bharat Electronics Limited Machilipattanam, Krishna dt.	14/5/18 to 13/6/18	3
Internship	Industry	Central Institute Of Tool Design, Vijayawada	16.5.18 to 16.6.18	3
Internship	Industry	Efftronics ,vijayawada,krishna dt	14/5/18 to 12/6/18	2
Internship	Industry	South Central Railways -Womens Welfare Organization,Vijayawada	9/5/18 to 8/6/18	27
Internship	Industry	Bharat Heavy Electricals Limited,Hyderabad	16.5.18 to 16.6.18	
Internship	Industry	Bharat Heavy Electricals Limited,Vizag	11/5/18 to 11/6/18	6
Internship	Industry	Rastriya ispat nigam limited-vizag steel plant,vizag	9/5/18 to 8/6/18	7

Internship	Industry	C2N IT Services Pvt. Ltd, Hyderabad	11-05-18 to 11-06-18	6
Internship	Industry	BSNL, Vijayawada	14-05-18 to 15-05-18	4
Internship	Industry	Sell global,Secndrabad	10-05-18 to 10-06-18	5
Internship	Industry	Azure Skynet Solutions Pvt. Ltd, Hyderabad	07-05-18 to 05-06-18	6
Internship	Industry	SuBrains, Vijayawada	07-05-18 to 07-06-18	6
Internship	Industry	Transkwik, Vizag	10-05-18 to 10-06-18	4
Internship	Industry	Vision Groups, Hyderabad	-05-18 to -06-18	5
Internship	Industry	Nipuna Technologies,Guntur	12-05-18 to 14-06-18	1
Internship	Industry	Kveninar Software Solutions,vijayawada	07-05-18 to 07-06-18	4
Internship	Industry	Cyber Software ,Hyderabad	10-05-18 to 10-06-18	4
Internship	Industry	Rapido, Banglore	07-05-18 to 07-06-18	1
Internship	Industry	Peers Technologies,hyderabad	07-05-18 to 07-06-18	1
Internship	Industry	GCS ,Mangalagiri	17-05-18 to 17-06-18	1
Internship	Industry	DV Tech ,Guntur	08-05-18 to 09-06-18	1
Internship	Industry	PoINTERNSHIP Cross, Banglore	07-05-18 to 07-06-18	1
Internship	Industry	All Bright Technologies,Vijayawada	17-05-18 to 17-06-18	1
Internship	Industry	Webtek Labs,Hyderabad	10-05-18 to 10-06-18	1
Internship	Industry	Arete IT Services,Vijayawada	07-05-18 to 06-06-18	1
Internship	Industry	Unisoft Technologies,Vijayawada	08-05-18 to 10-06-18	1
Internship	Industry	IIIT Hyderabad	15-05-18 to 15-06-18	1
Internship	Industry	Unisoft Technologies,Vijayawada	10-05-18 to 05-06-18	3
Internship	Industry	APHMEL, Kondapalli	10-05-18 to 09-06-18	5
Internship	Industry	BHEL, Hyderabad	14-05-18 to 13-06-18	23
Internship	Industry	BHEL, Visakhapatnam	08-05-18 to 07-06-18	
Internship	Industry	Carrier Air Conditioning & Refrigeration Limited, Vijayawada	16-05-18 to 17-06-18	1
Internship	Industry	DRDO, Hyderabad	11-05-18 to 11-06-18	7
Internship	Industry	Encore Heavy machinery Pvt. Limited, Banglore	10-05-18 to 11-06-18	1
Internship	Industry	HSL, Visakhapatnam	14-05-18 to 09-06-18	27

Internship	Industry	JSW Steels, Bellary	15-05-18 to 13-06-18	1
Internship	Industry	Kusalava INTERNSHIPernational, Vijayawada	10-05-18 to 10-06-18	7
Internship	Industry	L&T Special steels & Heavy Forgings, Hazira	10-05-18 to 09-06-18	1
Internship	Industry	Lanco, Kondapalli	22-05-18 to 22-06-18	2
Internship	Industry	Metro Automobiles, Vijayawada	12-05-18 to 12-06-18	1
Internship	Industry	National Auto Industries, Vijayawada	16-05-18 to 17-06-18	1
Internship	Industry	Prakasa Spectro, Vijayawada	12-05-18 to 10-06-18	1
Internship	Industry	Radiant Air Systems Pvt. Limited	11-05-18 to 03-06-18	3
Internship	Industry	Rain Calcining Ltd., Visakhapatnam	12-05-18 to 12-06-18	1
Internship	Industry	Ramky Power Plant, Hyderabad	21-05-18 to 09-06-18	1
Internship	Industry	S&UMEK Engineers Pvt. Limited, Hyderabad	14-05-18 to 10-06-18	1
Internship	Industry	SCR Carriage Workshop	10-05-18 to 11-06-18	8
Internship	Industry	Vijaya Coach builders,Vijayawada	10-05-18 to 10-06-18	1
Internship	Industry	Wagon workshop, Vijayawada	13-05-18 to 12-06-18	
Internship	Industry	Hero Motors-Vijayawada	27-05-18 TO 23-06-18	2
Internship	Industry	Airtel,Hyderabad	27-05-18 TO 23-06-18	3
Internship	Industry	Andhra Pradesh Heavy Machinery And Engineering Limited,Kondapalli	27-05-18 TO 23-06-18	6
Internship	Industry	Angel Broking Limited,Hyderabad	27-05-18 TO 23-06-18	3
Internship	Industry	Angel Broking Limited,Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Apsrtc, Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Asian Painternships Private Limited,Hyderabad	27-05-18 TO 23-06-18	2
Internship	Industry	Bajaj Motor Cycles, Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Bharat Heavy Electricals Limited,Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Big Bazaar,Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Bonanza Portfolio Limited,Vijayawada	27-05-18 TO 23-06-18	2
Internship	Industry	Ck Birla Group, Kondapalli	27-05-18 TO 23-06-18	1
Internship	Industry	Coromandel Agro Products And Oil Limited,Chirala	27-05-18 TO 23-06-18	1

Internship	Industry	Deal Money, Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Efrinics, Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Future Ndt, Vijayawada	27-05-18 TO 23-06-18	2
Internship	Industry	Glaxo Smithkline Consumer Health Care Limited, Rajamundry	27-05-18 TO 23-06-18	1
Internship	Industry	HDFC Bank Hyderabad	27-05-18 TO 23-06-18	3
Internship	Industry	HDFC Life Insurance Company Limited, Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	HDFC, Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Her Motors, Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Heritage Limited, Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Hero Dasarath Motors, Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Hero Moto Corp Limited, Hyderabad	27-05-18 TO 23-06-18	3
Internship	Industry	Hero Motor - Jangareddy Gudem	27-05-18 TO 23-06-18	1
Internship	Industry	Hero Motor- Vijayawada	27-05-18 TO 23-06-18	2
Internship	Industry	Hero Motors- Hyderabad	27-05-18 TO 23-06-18	2
Internship	Industry	Hill Limited, Kondapalli	27-05-18 TO 23-06-18	1
Internship	Industry	Hindustan Coca Cola Beverages Pvt Ltd, Atmakur	27-05-18 TO 23-06-18	2
Internship	Industry	Honda, Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Hyundai, Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	India Bulls, Hyderabad	27-05-18 TO 23-06-18	13
Internship	Industry	India Infoline Private Limited, Hyderabad	27-05-18 TO 23-06-18	2
Internship	Industry	Indian Infoline, Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Innovative Matrix Softic Private Limited, Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Investleaf Management, Solutions, Hyderabad	27-05-18 TO 23-06-18	2
Internship	Industry	Itc Limited ,Kothagudem	27-05-18 TO 23-06-18	1
Internship	Industry	Karvy Consultants, Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Kcp Limited, Macharla	27-05-18 TO 23-06-18	1
Internship	Industry	Kotak Mahindra Asset Management Co.Ltd, Vijayawada	27-05-18 TO 23-06-18	1

Internship	Industry	Kotak Mahindra Bank,Hyderabad	27-05-18 TO 23-06-18	4
Internship	Industry	Lakshmi Steel Pipes And Tubes,Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Lanco, Kondapalli	27-05-18 TO 23-06-18	1
Internship	Industry	Mahindra And Mahindra Limited, Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Maruti Suzuki, Hyderabad	27-05-18 TO 23-06-18	1
Internship	Industry	Model Dairy Private Limited,Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Mohan Spinternshipex India Limited,Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Networth Stock Broking Limited,Hyderabad	27-05-18 TO 23-06-18	2
Internship	Industry	Preatz Solutions Private Limited,Banglore	27-05-18 TO 23-06-18	1
Internship	Industry	Radha Regent Private Limited,Banglore	27-05-18 TO 23-06-18	2
Internship	Industry	Rashtriya Ispat Nigam Limited,Visakhapatnam	27-05-18 TO 23-06-18	2
Internship	Industry	Sbi Funds Private Limited,Vijayawada	27-05-18 TO 23-06-18	2
Internship	Industry	Sharekhan Limited, Hyderabad	27-05-18 TO 23-06-18	7
Internship	Industry	The Krishna District Milk Producers Mutually Aided Co-Op Union Ltd,Vijayawada	27-05-18 TO 23-06-18	11
Internship	Industry	The Ramco Cements Limited, Jaggayyapet	27-05-18 TO 23-06-18	1
Internship	Industry	Tulasi Seeds Private Limited,Guntur	27-05-18 TO 23-06-18	1
Internship	Industry	Tvs Motors,Vijayawada	27-05-18 TO 23-06-18	1
Internship	Industry	Viskhapatnam Port Trust	27-05-18 TO 23-06-18	1
Internship	Industry	Volkswagen, Vijayawada	27-05-18 TO 23-06-18	2
Internship	Industry	Kveninar Software Solutions Pvt. Ltd.,Vijayawada	10-05-18 TO 10-06-18	28
Internship	Industry	Wright Tech Software Solutions,Vijayawada	10-05-18 TO 10-06-18	11
Internship	Industry	Yes Foundation, Bengaluru	21-05-18 TO 02-07-18	1
Internship	Industry	Quant Technologies Pvt. Ltd., Secunderabad	10-05-18 TO 10-06-18	1
Internship	Industry	EME Focus Software Solutions Limited., Bengaluru	10-05-18 TO 10-06-18	1
Internship	Industry	Tech World Solutions, Hyderabad	10-05-18 TO 10-06-18	1
Internship	Industry	Walking Tree Technologies, Hyderabad	10-05-18 TO 10-06-18	1
Field	Industry	TRIDENTZ TECHNOLOGIES,	12-11-17 TO 21-04-18	1

project		Secunderabad		
Field project	Industry	PENSOFT, Hyderabad	12-11-17 TO 21-04-18	3
Field project	Industry	KVENINAR SOFTWARE SOLUTIONS PRIVATE Ltd., Vijayawada	12-11-17 TO 21-04-18	1
Field project	Industry	Bees Synergy System Private Ltd., Hyderabad	12-11-17 TO 21-04-18	3
Field project	Industry	Cyber Soft Systems Pvt Ltd., Hyderabad	12-11-17 TO 21-04-18	7
Field project	Industry	Swayam It Solutions, Vijayawada	12-11-17 TO 21-04-18	5
Field project	Industry	Apex Solutions, Hyderabad	12-11-17 TO 21-04-18	1
Field project	Industry	Game It Solutions, Pvt Ltd. , Hyderabad	12-11-17 TO 21-04-18	3
Field project	Industry	Tech World Solutions, Hyderabad	12-11-17 TO 21-04-18	5
Field project	Industry	Middle Ware Information Technology Services Pvt Ltd., Hyderabad	12-11-17 TO 21-04-18	2
Field project	Industry	I2 Soft Technologies, Bengaluru	12-11-17 TO 21-04-18	1
Field project	Industry	Quant Technologies Pvt Ltd, Secuderabad	12-11-17 TO 21-04-18	2
Field project	Industry	Sansra Internshipegrated Business Systems India Pvt Ltd, Vijayawada	12-11-17 TO 21-04-18	1
Field project	Industry	Annex Solutions, Hyderabad	12-11-17 TO 21-04-18	1
Internship	Industry	Ramco Cements Ltd.	16-05-18 to 06-06-18	1
Internship	Industry	Electronic Corporation Of India Ltd.	09-05-18 to 23-06-18	13
Internship	Industry	Hindustan Shipyard Ltd.	28-05-18 to 16-06-18	3
Internship	Industry	South Central Railways	11-05-18 to 11-06-18	4
Internship	Industry	Bharat Heavy Electricals Ltd.	14-05-18 to 13-06-18	9
Internship	Industry	Lanco Kondapally	08-05-18 to 06-06-18	3
Internship	Industry	Nsl Krishnaveni Sugar Ltd	25-05-18 to 14-06-18	3
Internship	Industry	Gmr Vemagiri Power Generation Ltd.,	08-05-18 to 10-06-18	3
Internship	Industry	Iit Hyderabad	09-05-18 to 05-06-18	2
Internship	Industry	Dr.NTTPS, APGENCO	09-05-18 to 05-06-18	4
Internship	Industry	Rajyalakshmi Engg.College	10-05-18 to 10-06-18	3
Internship	Industry	Vizag Steel Plant	21-05-18 to 16-06-18	10
Internship	Industry	Infiquity Auto Technologies	11-05-18 to 11-06-18	1

Internship	Industry	Solomon Engineering	08-05-18 to 12-06-1	2
Internship	Industry	Annapurna Electronic & Services Pvt.Ltd	08-05-18 to 08-06-1	1
Internship	Industry	Instrumentation& Automation Solutions	08-05-18 to 14-06-1	1
Internship	Industry	Sri Veeranjaneya Engg.Works	10-05-18 to 31-05-18	1
Internship	Industry	Iocl, Orissa	16-05-18 to 13-06-18	1
Internship	Industry	Gowthamai Solvents & Oils	10-05-18 to 10-06-18	1
Internship	Industry	Hindustan Cocacola Ltd.	18-05-18 to 07-06-18	1
Internship	Industry	Bhargavi Industries	10-05-18 to 10-06-18	1
Internship	Industry	Airports authority of india,Gannvaram	08.05.18 to 31.05.18	6
Internship	Industry	Bharat Heavy Electricals Limited,Hyderabad	07.05.18 to 31.05.18	11
Internship	Industry	Bharath Sanchar Nigam Limited,Vijayawada	07.05.18 to 02.06.18	30
Internship	Industry	DRDO.Hyderabad	08.05.18 to 31.05.18	3
Internship	Industry	Electronics Corporation of India Limited,Hyderabad	09.05.18 to 08.06.18	91
Internship	Industry	National Institute of Technology, Warangal	15.05.18 to 14.06.18	2
Internship	Industry	South Central railway,Vijayawada	08.05.18 to 08.06.18	58
Internship	Industry	Bharat Electronics Limited,Machilipatnam	09.05.18 to 08.06.18	6
Internship	Industry	Micro EM Tech Private Limited	14.05.18 to 11.06.18	5
Internship	Industry	TryLogic SolutionAP Pvt Ltd	11.05.18 to 05.06.18	1
Internship	Institute	IISc,Bangalore	11.05.18 to 14.06.18	3
Internship	Institute	IIT,Gowhati	15.05.18 to 10.07.18	2

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

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Autodesk & Creatual Cad	APRIL 2018	Student skill development /Guest Lecture	80
Synergem	MARCH 2018	Industrial visit/Internship/Guest Lecture	NIL
Dr.Narla Tatarao Thermal Power Station(Dr.Ntpts), Apgenco Limited,	FEBRUARY 2018	Industrial visit/Internship/Guest Lecture	150

Ibrahimpattam			
Future NDT	JANUARY 2018	Student skill development/Internship/Guest Lecture	140
GIS Labs, Hyderabad	04-12-2017	Sharing of Expertise	NIL (CIVIL)
ARK Info Solutions Pvt. Ltd.	16-10-2017	Purpose: Industry oriented Training for the Students Advanced CAD Training – CATIA ---- 40 hours Finite Element Analysis using ANSYS --- 40 hours Computation Fluid Dynamics using ANSYS Fluent --- 40 hours Specialized Project Oriented Training using ANSYS --- 40 hours	72
Ark Info Solutions P Ltd, New Delhi	OCTOBER 2017	Faculty/Student skill development	76
Andhra Pradesh State Skill Development Corporation	UNDER PROCESS	Student skill development	200
PRAKASA SPECTRO(P) LIMITED	DECEMBER	Industrial visit	200

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
442.6 Lakhs	475.24 Lakhs

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area(acres)	65	00
Class rooms	64	07
Laboratories	48	03
Seminar Halls	05	02
Classrooms with LCD facilities	49	16
Classrooms with Wi-Fi/ LAN	64	07
Seminar halls with ICT facilities	06	01
Video Centre	--	--
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	350.1 Lakhs	91.53 Lakhs
Value of the equipment purchased during the year (Rs. In Lakhs)	980.9 Lakhs	117.1 Lakhs
Others	--	--

4.2 Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Ez – Library – Volksoft technologies	Fully	10.0.9.23	08

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	40541	75,54,182	1087 832	5,37,471	42460	80,91,653
Reference Books	13638	45,47,075	160	91,500	13798	46,38,575
e-Books	1,35,000	2,45,445	31,35,00 0	19,470	31,35,0 00	2,64,915
Journals	800	11,63,811	140	1,79,081	940	13,42,892
e-Journals	6800	61,41,841	6800	,45,706	6800	81,87,547
Digital Database	01	20,000	01	5,900	01	25,900
CD & Video	5546	----	299	----	5845	----
Library automation	54179	----	79	----	56258	----
Weeding(Hard & Soft)	----	----	174	36,302	174	36,302
Others(specify)						
1. Back Volumes	3309	-----	----	----	----	----
2.Project Reports	3002	-----	328	----	3330	----

4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (undere-PG-Pathshala CEC(Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/ any other Government initiatives & institutional(Learning Management System(LMS)etc.

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e-content
K.SUNDEEP SARADHI	1. Computer Graphics , 2. C Programming , 3. Information Security & 4. MS-Office	YouTube www.youtube.com/c/sundeepsaradhi	DECEMBER 16
T.N.V.S.PRAVEEN	1.Theory of Computation 2.Digital Logic Design	YouTube https://www.youtube.com/channel/UCFP4-vKW0D0IHq1fjLFRbpw	NOVEMBER 17
N.SRINIVASARAO	1.Web Technologies 2. C# and .NET Programming	http://nsr-materials.blogspot.com/	DECEMBER 16
Dr.S.NAGANJANE YULU	1. Object Oriented Programming Using JAVA 2. Web Technologies 3. Computer Graphics	http://snaganjaneyulu.blogspot.com	OCTOBER 15
K.MICHAEL SADGUNA RAO	1. Web Technologies 2. JAVA 3. LFU Program 4. Distributed Systems 5.Linux Programming	http://michaelkona.blogspot.com	August 15

	6.Cloud Computing 7.Software Engineering 8.How to create a webpage using wordpress		
Dr.B.SRINIVASA RAO	1.Problem Solving Programming Skills	http://drbsrinivasarao.blogspot.com	DECEMBER 16

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MBPS)	Others
Existing	12	21	270	01	--	01	10	270	05
Added	127	04	60	--	--	--	--	60	01
Total	1347	25	330	01	--	01	10	330	06

4.3.2 Bandwidth available of internet connection in the Institution (Leased line) 330 MBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Camera , Tripod, Net	YouTube www.youtube.com/c/sundeepsaradhi
Camera , Tripod, Net	YouTube https://www.youtube.com/channel/UCFP4-vKW0D0IHq1fjLFRbpw
Camera , Tripod, Net	http://nsr-materials.blogspot.com/
Camera , Tripod, Net	http://snaganjaneyulu.blogspot.com
Camera , Tripod, Net	http://michaelkona.blogspot.com
Camera , Tripod, Net	http://drbsrinivasarao.blogspot.com

4.4 Maintenance of Campus Infrastructure

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

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
229.31 Lakhs	198.01 Lakhs	164.27 Lakhs	166.95 Lakhs

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

All the Departments and various functioning units of the college are provided with all the required infrastructure facilities like class rooms, faculty rooms, girls waiting halls, laboratories etc. The effective usage of all the facilities is ensured by introducing exclusive hours for sports, extra lab hours, exclusive hours to visit advanced labs and Central Library in the regular time table itself. Students can avail the facility of yoga training every week after the academic hours. During these slots concerned class in-charges / faculty members will ensure the presence and utilization of facilities by the students.

A separate computer maintenance team is available which handles the departmental requirements. For every computer centre, a Programmer / Technician is recruited and a faculty member is made in-charge of the centre. An exclusive department with 04 hardware engineers is functioning in the college to cater to the needs of day-to-day computer maintenance. However, minor software and hardware problems are being handled by the concerned lab technicians. Central library has its dedicated human resource support and the departmental libraries are taken care of by the department office assistant and a faculty In-charge of the concerned department. All the departments take care of timely maintenance of the laboratory equipment. Most of the maintenance work is completed during summer break and a close monitoring of maintenance activities is a prime responsibility of heads of the departments.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Academic Toppers	58	5.8 Lakhs
Financial support from institution	100% Attendance	168	8.4 Lakhs
Financial support from institution	Fee Concessions	41	10.2 Lakhs
Financial support from other sources			
a) National - State Government	Freeship-Fee Reimbursement	2440	1024.74 Lakhs
b) National - State Government	Scholarship	1580	6.32 Lakhs
c) National - State Government	Scholarship	15	1.29 Lakhs
d) International	--	--	--

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft skill development (Carrer Counselling)	03/07/17 To 08/07/17	655	FACE No. 12, Lakshmi Nagar, Thottipalayam Pirivu, (Off Avinashi Road) Coimbatore - 641 014
Soft skill development (Carrer Counselling)	12th July,17	653	Soft skills Training covering Goal setting, Communication skills, Behavioural change, Interview skills by Professor M.L.SAI KUMAR, Institute of Public Enterprises
Soft skill development (Carrer Counselling)	10/07/17 To 14/07/17	665	SIXPHRASE,P.N.Palayam,COIMBATORE
Soft skill development (Carrer Counselling)	09-10-17	633	RAMTECH CONSULTING, Hyderabad.
Soft skill development (Carrer Counselling)	03/10/17 To 05/10/17	619	FACE No. 12, Lakshmi Nagar, Thottipalayam Pirivu, (Off Avinashi Road) Coimbatore - 641 014
Soft skill development (Carrer Counselling)	06-10-17	697	RANE INDUSTRIES, CHENNAI

Soft skill development (Carrer Counselling)	09/10/17 To 11/10/17	533	Technical Training on “c” language Conducted by College Faculty.
Soft skill development (Carrer Counselling)	30/11/17 To 03/12/17	637	FACE No. 12, Lakshmi Nagar, Thottipalayam Pirivu, (Off Avinashi Road) Coimbatore - 641 014
Soft skill development (Carrer Counselling)	05-03-18 to 09-03-18	634	M/s Tlention Infosys , 1-8-229/6, Sardar Patel Rd, Sindhi Colony, Begumpet, Hyderabad, Telangana 500003
Soft skill development (Carrer Counselling)	23-04-18 to 26-04-18	625	M/s Tlention Infosys , 1-8-229/6, Sardar Patel Rd, Sindhi Colony, Begumpet, Hyderabad, Telangana 500003
Soft skill development (Carrer Counselling)	07-05-18 to 09-05-18	625	M/s Tlention Infosys , 1-8-229/6, Sardar Patel Rd, Sindhi Colony, Begumpet, Hyderabad, Telangana 500003
Soft skill development (Carrer Counselling)	16-02-18 to 21-02-18	345	Salesforce.com, Inc. is a US cloud computing company headquartered in San Francisco, California.
Soft skill development (Carrer Counselling)	22-02-18 to 23-02-18	339	Salesforce.com, Inc. is a US cloud computing company headquartered in San Francisco, California.
Soft skill development (Carrer Counselling)	2017-18	3054	Center for Carrere Guidance and Training(CCGT), LBRCE
Remedial coaching	2017-18	801	LBRCE
Language lab	2017-18	2003	LBRCE -CALL Lab, ICS Lab
Bridge courses	2017-18	294	LBRCE
Yoga and Meditation	2017-18	153	Yoga and Meditation Center-LBRCE
Personal Counselling and Mentoring	2017-18	3882	LBRCE

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

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	Guidance for competitive examinations	170	--	51	--
2017-18	Career Counseling	--	3504	--	555

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

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
0	0	0

5.2 Student Progression

5.2.1 Details of campus placement during the year

Name of Organizations Visited	On campus		Off Campus
	Number of Students Participated	Number of Students Placed	Number of Students Placed
TECHNOVERT	176	0	2
VEDA IIT	148	0	7
ZENQ	398	12	0
VEE TECHNOLOGIES	430	46	0
EFFTRONICS	338	2	0
SPANDANA	86	1	0
DMART	32	0	2
TCS	372	0	9
ALLSEC TECHNOLOGIES	424	105	0
CEASEFIRE INDUSTRIES	76	3	0
DIXON	71	0	0
EVIVE	256	0	0
VYSHNAVI INFO	42	0	0
ZOHO CORP	15	0	0
HCL STATE STREET	79	0	11
NALSOFT	73	0	0
IBEON INFOTEK LTD.	12	0	1
O C TANNER	14	0	1
AXIS SECURITIES	106	37	0

MIRACLE SOFT	182	16	0
CMS IT SERVICES	248	54	0
SNOVASYS	141	3	0
C3I TECH	68	0	0
JUST DIAL	182	34	0
EUREKA FORBES	65	0	2
SUBHA GRUHA	84	0	2
DHFL	76	0	1
VR ENTER PRISES	65	0	4
CM SERVICES	73	0	7
KS MILLS LTD	83	0	16
APOLO HOSPITALS LTD.	78	0	3
YOUNG CREATORS	59	0	3
SUNLINE BUSINESS SOL	102	0	5
SIMHO HR SERVICES	87	0	10
INSTAKART SERVICES	92	0	2
EXCEL	72	0	1
INTELNET	69	0	2
MAATHRU BHOOMI DEV	82	0	3
L&T FINANCE	66	0	1
RIVIGO SERVICES	23	0	1
SUTHERLAND GLOBAL	422	24	0
STERLING & WILSON	21	0	1
FUTURE NDT	108	42	0
CTRLS	53	0	1
INFOSYS	115	0	28
PEOL TECH	123	0	13
HCL TECHNOLOGIES	116	0	3

ARK MIND BOX	96	9	0
HYUNDAI MOTORS	236	7	0
CTS	2	0	3
WIPRO			4
AUGASTYA			1
NELLORE WHEREHOUSING			1
CAPGEMINI			4
TOP RANKERS			1
APARNA CONSTRUCTIONS & ESTATES LTD			1
MEIL LTD			1
JASMIN INFOTECH PVT.LTD.			1
Total	637	395	160

5.2.2 Student progression to higher education in percentage during the year

Year of Enrollment to Higher Education	Number of students enrolling into higher education	Program graduated from	Department graduated from	Name of institution joined	Name of program admitted to
2017	1	B.Tech	ASE	Malla Reddy College of Engineering & Technology, Secunderabad	M.TECH
2017	1	B.Tech	ASE	Malla Reddy College of Engineering & Technology, Secunderabad	M.TECH
2018	1	B.Tech	ASE	Jain University, Bengaluru, Karnataka, India	M.TECH
2017	1	B.Tech	ASE	Defence Institute of Advanced Technology, Pune, India	M.TECH
2017	1	B.Tech	ASE	Sapienza (University of Rome), Italy, Europe	M.TECH
2017	1	B.Tech	ASE	Malla Reddy College of Engineering & Technology, Secunderabad	M.TECH
2018	1	B.Tech	ASE	MIT-ADT University, Pune, India	M.TECH
2017	1	B.Tech	CIVIL	Jawaharlal Nehru Technological University,	M.TECH

				Anantapur	
2017	1	B.Tech	CIVIL	National Institute Of Technology -Calicut	M.TECH
2017	1	B.Tech	CIVIL	Gitam University	M.TECH
2017	1	B.Tech	CIVIL	Gudlavalleru Engineering College	M.TECH
2017	1	B.Tech	CIVIL	Koneru Lakshmaiah University	M.TECH
2018	1	B.Tech	CIVIL	National Institute Of Technology Silchar	M.TECH
2018	1	B.Tech	CIVIL	Jawaharlal Nehru Technological University, Kakinada	M.TECH
2018	1	B.Tech	CIVIL	Jawaharlal Nehru Technological University, Kakinada	M.TECH
2018	1	B.Tech	CIVIL	Jawaharlal Nehru Technological University, Kakinada	M.TECH
2018	1	B.Tech	CIVIL	IsC Paris Business School	M.B.A
2017	1	B.Tech	CIVIL	Vikas College Of Engineering And Technology	M.TECH
2018	1	B.Tech	CIVIL	Amrita sai institute of science and technology, Paritala	M.TECH
2018	1	B.Tech	CIVIL	NRI Institute Of Technology And Science	M.TECH
2017	1	B.Tech	CIVIL	Anil Neerukonda Institute Of Tech&Science	M.TECH
2018	1	B.Tech	CIVIL	National Institute of Technology, Kurukshetra	M.TECH
2017	1	B.Tech	CSE	Gudlavalleru Engineering College	M.TECH
2017	1	B.Tech	CSE	KLEF, Vijayawada	M.B.A
2017	1	B.Tech	CSE	JNTU College of Engineering, Kakinada	M.TECH
2017	1	B.Tech	CSE	KLEF, Vijayawada	M.B.A
2017	1	B.Tech	CSE	ISMBA, HYD	M.B.A
2017	1	B.Tech	CSE	Sanjose State University, California	M.S
2017	1	B.Tech	CSE	CQ University, Australia	M.S
2017	1	B.Tech	CSE	University of Macedonia, Greece, Turkey	M.S
2018	1	B.Tech	CSE	Conestora college Institute of Technology and Advanced	M.S

				Learning, Ontario	
2017	1	B.Tech	CSE	La trobe University,Australia	M.S
2017	1	B.Tech	CSE	University in London	M.S
2018	1	B.Tech	CSE	Chicago State University	M.S
2017	1	B.Tech	CSE	Fleming University, Peterberg	M.S
2018	1	B.Tech	CSE	University of Hosten,Texas	M.S
2018	1	B.Tech	CSE	IIIT Hyderabad	MSIT
2017	1	B.Tech	ECE	JNTUK, Kakinada	M.TECH
2017	1	B.Tech	ECE	Andhra University, Visakhapatnam	M.TECH
2017	1	B.Tech	ECE	Andhra University, Visakhapatnam	M.TECH
2017	1	B.Tech	ECE	Vignana Jyothi Institute of Management, Hyderabad	PGDM
2017	1	B.Tech	ECE	University of Passau, Germany	M.S
2018	1	B.Tech	ECE	University of Windsor, Canada	M.S
2017	1	B.Tech	ECE	University of Windsor, Canada	M.S
2017	1	B.Tech	ECE	KL Univeristy, A.P.	M.TECH
2017	1	B.Tech	ECE	KL Univeristy, A.P.	M.TECH
2017	1	B.Tech	ECE	VIT, Chennai	M.TECH
2017	1	B.Tech	ECE	VRSEC,AP	MBA
2017	1	B.Tech	ECE	Vignan University	MBA
2017	1	B.Tech	ECE	VRSEC,AP	MBA
2017	1	B.Tech	ECE	AUSTRALIA	MS
2017	1	B.Tech	ECE	AUSTRALIA	MS
2017	1	B.Tech	ECE	Gitam University	MBA
2017	1	B.Tech	ECE	Conetoga College Institute Technology and Advanced Learning, Canada	MS
2017	1	B.Tech	ECE	AUSTRALIA	MS
2017	1	B.Tech	EEE	Frobes Business School, Vijayawada	MBA
2017	1	B.Tech	EEE	National Institute of technology, Rourkela	M.TECH

2017	1	B.Tech	EEE	Amrita sai institute of science and technology, Paritala	M.TECH
2018	1	B.Tech	EEE	Andhra Loyola college, Vijayawada	M.TECH
2017	1	B.Tech	EEE	Fleming College, Canada	MS
2017	1	B.Tech	EEE	O.P.Jindal Global University, Sonipat	MBA
2017	1	B.Tech	EEE	NRI college, Agiripalli	M.TECH
2017	1	B.Tech	EEE	IIBS, Bangalore	MBA
2018	1	B.Tech	EEE	NRI college, Agiripalli	M.TECH
2018	1	B.Tech	EEE	Srivani College,Chevuturu	M.TECH
2018	1	B.Tech	EEE	NRI college, Agiripalli	M.TECH
2018	1	B.Tech	EEE	NRI college, Agiripalli	M.TECH
2018	1	B.Tech	EEE	LBRCE, Mylavaram	M.TECH
2017	1	B.Tech	EEE	Milano University-Italy	MS
2017	1	B.Tech	EEE	Dr.Paul Raj Engineering college, bhadrachalam	M.TECH
2018	1	B.Tech	EEE	JNTUK, Kakinada	M.TECH
2018	1	B.Tech	EEE	ANU, Guntur	Business Management
2018	1	B.Tech	EEE	University of central Lancashire,UK	M.S
2018	1	B.Tech	EEE	Australia	M.S
2018	1	B.Tech	EEE	University of central Lancashire,UK	M.S
2017	1	B.Tech	EIE	ICD International Business School	MBA
2017	1	B.Tech	EIE	ICD International Business School	MBA
2017	1	B.Tech	EIE	Veltech university,Chennai	M.TECH
2017	1	B.Tech	EIE	Hochschule FurtwangenUniversity	M.S
2017	1	B.Tech	IT	Amrutha University	M.TECH
2017	1	B.Tech	IT	Andhra University	M.TECH
2017	1	B.Tech	IT	KLU	M.TECH
2017	1	B.Tech	IT	Conestoga College	M.S

2017	1	B.Tech	IT	Nimra College of Engineering & Technology	M.TECH
2017	1	B.Tech	IT	University of southern Queensland	M.S
2017	1	B.Tech	IT	St. Johns Institute of Science & Technology	MBA
2017	1	B.Tech	IT	Sri Vahini Institute of Science and Technology	M.TECH
2017	1	B.Tech	IT	Conestoga College Institute of Technology and Advanced Learning	M.S
2018	1	B.Tech	ME	University Canada West, Canada	M.S
2017	1	B.Tech	ME	Ramaiah Institute of Management Sciences, Banglore	MBA
2017	1	B.Tech	ME	New York Institute of Technology,USA	M.S
2017	1	B.Tech	ME	London School of Business & Finance, UK	MBA
2017	1	B.Tech	ME	IBA Bangalore	MBA
2017	1	B.Tech	ME	Andhra University, Vizag	M.TECH
2017	1	B.Tech	ME	Andhra University, Vizag	M.TECH
2017	1	B.Tech	ME	CQ University, Australia	M.S
2017	1	B.Tech	ME	Indian Marine University	M.TECH
2017	1	B.Tech	ME	KITS ,DIVILI	M.TECH
2017	1	B.Tech	ME	Nimra College of Engineering	M.TECH
2017	1	B.Tech	ME	Deakin University	M.S
2017	1	B.Tech	ME	Bonafire Institute of Design	M.TECH

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	00	--
SET	00	--
SLET	00	--
GATE	17	AE18S26010048 CE18S76009143 CE18S86009104 CE18S86009084 CE18S76009112 CE18S86010109 CE18S77013064 CE18S86018085 CS18S36012031 CS18S36011197 EC18S51416898 EC18S56011260 EC18S56011340 EE18S66009325 ME18S16012053 ME18S26012300 CS18S36011433
GMAT	01	501810063
CAT	03	7102737 7261546 7196134
GRE	15	CS18S36011433, 3839135 1861313 2199034 2200008 1676022 3061617 2228602 2191049 2482823 2191015 2681624 1564090 4281509 4256949 3133192

TOFEL	00	--
Civil Services	00	--
State Government Services	08	6200122638 6200141136 6200141931 6200142400 6200142712 6200142617 6200240686 6200146138
Any Other(PTE)	01	341971739

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	No. of Students Participants
Flash Mob	Institute level	189
Solo Dance	Institute level	19
Group Dance	Institute level	65
solo Singing	Institute level	14
Group Singing	Institute level	25
Mono action	Institute level	3
Instrumental Playing	Institute level	3
Skit	Institute level	27
Mimicry	Institute level	3
Magic show	Institute level	1
Classical dance (kuchipudi)	Institute level	12
Fashion show on Traditions	Institute level	15
Dance with Property (Old man and double man)	Institute level	1
Folk dance	Institute level	7
Yoga asana	Institute level	15
Lakshya 2k17-MIME	National Level	80
Lakshya 2k17- Singing	National Level	11
Lakshya 2k17- Solo Dance	National Level	09

Lakshya 2k17- Group Dance	National Level	16
Chess	Institute level	155
Carroms	Institute level	362
TT	Institute level	28
Badminton	Institute level	416
Volleyball	Institute level	181
Basketball	Institute level	97
Cricket	Institute level	241
Football	Institute level	133
Kabaddi	Institute level	267
Kho- Kho	Institute level	252
Ball Badminton	Institute level	77
Throw ball	Institute level	128
Athletics (Runs, Jumps & Throws)	Institute level	1000

5.3 Student Participation and Activities

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

National/ International	Sports	Cultural	Student ID number	Name of the student
4th Students Olympic games 2017-18 Mylaysia-INTERNATIONAL	Kabaddi		15761A0464	A.TEJAVARDAHAN REDDY
4th Students Olympic games 2017-18 Mylaysia -INTERNATIONAL	Kabaddi		15765A0405	K.V CHAITANYA
5th SOUTH ZONE SEPAKTAKRAW CHAMPIONSHIP. Vijayawada- National	SEPAKTAKRAW		16761A0355	V. VINAY
JNTUK Inter college weight Lifting (Men & Women) and Best physique (Men) Championships- National	Power Lifting		15761A0301	ABDUL AREEF
JNTUK Inter college weight Lifting (Men & Women) and Best physique (Men) Championships- National	Power Lifting		15761A0301	ABDUL AREEF

JNTUK Inter college weight Lifting (Men & Women) and Best physique (Men) Championships- National	Power Lifting		16761A1242	P. TIRUPATHI RAO
JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE CHESS Tournament, March 2018-- National	Chess		15761A0513	S. DEEPIKA
JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE CHESS Tournament, March 2018- National	Chess		15761A1012	G. NANDINI
JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE CHESS Tournament, March 2018- National	Chess		14761A04C3	A. PADMAJA
JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE CHESS Tournament, March 2018- National	Chess		16761A0542	P. ANUSHA
JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE CHESS Tournament, March 2018- National	Chess		14761A0214	CH. MAMTHA
6TH JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE- National	200 Mtrs		15761A1254	V. RENUKA REDDY
6TH JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE- National	100 Mtrs		15761A1254	V. RENUKA REDDY
6TH JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE- National	Javelin		14761A02A7	S. RENUKA DEVI
6TH JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE- National	High Jump		16761A1024	K. VIVEDIKA

6TH JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE	High Jump		16761A03E0	K. RAVI
6TH JNTUK INTER COLLEGIATE TOURNAMENT OF CENTRAL ZONE	Long Jump		15765A0410	V. VINMAY KUMAR
4th Students Olympic state Games 2017-18, District level Kabaddi tournament	Kabaddi		15761A0464	A. TEJA VARDAHAN REDDY
5th Students Olympic state Games 2017-18, District level Kabaddi tournament	Kabaddi		15765A0405	K.V CHAITANYA
5th SOUTH ZONE SEPAKTAKRAW CHAMPIONSHIP- 2017,VIJAYAWADA (28-30 Aug '2017)	Sepaktakraw		16761A0355	V. VINAY
42nd Andhra Pradesh Yogasana Sports Championship (9-11' Sep'2017)at Yoga Association of Chitoor, Tirupathi	Yoga		14761A02B9	V. PRATHAP REDDY
Krishna District Power Lifting Championship 2016-17(13-11-2017) NTR STADIUM, GUDIVADA	Power Lifting		14761A0334	M. SAI KUMAR
VVIT FEST2018	Power Lifting		17761A0069	B. ISHWARYA
VVIT FEST2018	Power Lifting		17761A0002	P. ALEKYA
VVIT FEST2018	Chess		15761A1012	NANDINI
Pelican Festival on 4th February2018 at Atapaka	Sepaktakraw		16761A0355	V. VINAY
Cadet & Junior Inter District JUDO Championship 2018 (Visakhapatnam 17-19 March'18)	Judo		17761A2A6	SHAIK NAVEEN
20th Annual Day Celebrations in LBRCE 17th Feb 2018	Atheletics (100Mts)		15761A1037	A.SAI KRISHNA REDDY
20th Annual Day Celebrations in LBRCE 17th Feb 2018	Long Jump		15761A1037	A.SAI KRISHNA REDDY
20th Annual Day Celebrations in LBRCE 17th Feb 2018	Atheletics (200Mts)		15761A1037	A.SAI KRISHNA REDDY
20th Annual Day Celebrations in LBRCE 17th Feb 2018	Long Jump		16761A1024	K.VIVEDIKA
20th Annual Day Celebrations in LBRCE 17th Feb 2018	High Jump		16761A1024	K.VIVEDIKA

20th Annual Day Celebrations in LBRCE 17th Feb 2019	Atheletics (800Mts)		14761A1048	S.YESASWINI SURYA TEJA SRI
Participated in Chess at Chalapathi Institute of Technology, National Level	Chess		14761A0334	M.Sai Kumar
Participated in Chess at Chalapathi Institute of Technology, National Level	Chess		14761A0334	M.Sai Kumar
Participated in Ball Badminton at LBRCE, Lakshya 2K17, A National Level Tecnical Symposium	Ball Badminton		16761A0306	J.Vinusha
			16761A0378	J.Priyanka
			15761A0344	P.Durga Bhavani
			14761A03B5	T.Sri Lakshmi
			15761A0362	A.Anjali
			15761A0321	G.Archana Reddy
			16765A0323	G.Jaya Sri Sony
Participated in Athletics at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Athletics 200mts		15765A0317	K.Rohini
Participated in Table Tennis at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Table Tennis		15761A0344	P.Durga Bhavani
			15761A0265	A.Anjali
Participated in Kho-Kho at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Kho-Kho		14761A0334	M.Sai Kumar
			14761A0349	Sk.Rafeeq Ahmed
			14761A03B1	Sk.Naeem
			15761A0369	P.Gopi Nayak
			16761A03E0	K.Ravi
			16761A0318	Chandra Kanth
			16761A0361	Jaya Vardhan
			16761A0329	Pavan
			17765A0319	Hemanth Sai
	17761A03A1	S.Ravi Chand		

			16761A03G4	S.Venkateswara rao
			14761A0339	T.Naveen Kumar Reddy
Participated in Foot ball at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Foot ball		14761A0349	Sk.Rafeeq Ahmed
			14761A0339	T.Naveen Kumar Reddy
			16765A0318	G.Bhasker
			16761A0367	Subash
			15761A0345	P.Jayanth
			16761A0356	V.V.Subba rao
			16761A0386	K.Smadhil
			16761A03C3	B.Babu Mohan
			17761A0371	G.Sasi Vardhan
			16761A0391	M.Siddardha
			17761A0375	G.Praneeth Sai
			17761A0312	M.Chetan Satya
			17761A0342	B.Sai Chand
			15761A0339	N.Revanth Kumar
	14761A0352	T.Prasanna Kumar		
Participated in Table Tennis at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Table Tennis		14761A0334	M.Sai Kumar
			16761A0318	G.Bhasker
Participated in Badminton at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Badminton		15761A0312	Ravi Teja
			17761A0375	Praneeth
Participated in Basket Ball at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Basket Ball		14761A0311	B.V.V. Sidha
			17761A03D0	Karthik
			16761A0393	Srinivas
			16761A0356	V.V.Subba rao

			16761A0367	Subash
			16761A0386	K. Smadhil
			15761A0390	Yeshwanth
			15761A0329	K.Nagarjuna Reddy
			14761A0349	SK. Rafeeq Ahmed
			14761A0334	M. Sai kumar
			14761A03A7	R.Sandeep
			14761A0358	V. Deepak
Participated in Athletics at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Relay 4*100 mts		17761A0327	L. Kiran
			16761A0384	K. Ashok Reddy
			16761A03E0	K.Ravi
			16761A0361	B. Jayavardhan
Participated in Athletics at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Shot Put		15761A0369	B. Peda Gpoi Nayak
Participated in Athletics at LBRCE, Lakshya 2K17, A National Level Technical Symposium	High Jump		16761A03E0	K. Ravi
Participated in Power Lifting at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Power lifting(59kg) 2nd		14761A0339	P.Naveen Kumar
Participated in Power Lifting at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Power lifting(59kg) 1st		14761A0334	M. Sai kumar
Participated in Power Lifting at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Power lifting(59kg) 3rd		14761A03A7	R.Sandeep
Participated in Power Lifting at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Power lifting(94kg) 3rd		17765A0334	L.Lakshmi Narasimha
Participated in Power Lifting at LBRCE, Lakshya 2K17, A National Level Technical	Power lifting(66kg) 3rd		14761A0349	SK. Rafeeq Ahmed

Symposium				
Participated in Power Lifting at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Power lifting(74kg) 3rd		15761A0369	B.Peda Gopi Nayak
Participated in Power Lifting at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Power lifting(94kg) 1st		15761A0327	K.Govardhan
Participated in Ball Badminton at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Ball Badminton		14761A0384	K.Pavan Kumar
			14761A0334	M. Sai kumar
			16761A03G3	SK. Karimulla
			16761A0384	K. Ashok Reddy
			16761A03E0	K. Ravi
			14761A03A5	R.Sandeep Kumar
Participated in Kabaddi at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Kabaddi		16761A0361	Jaya Vardhan
			14761A03B7	T.V.Saida Nayak
			15761A0327	K.Govardhan
			15761A03A7	R.Sandeep
			15761A0369	B.Peda Gopi Nayak
			14761A03B7	P.Naveen Reddy
			14761A0349	Sk.Rafeeq Ahmed
			14761A0334	M.Sai Kumar
			17761A0351	U.Revanth
			16765A0318	G.Bhasker
	14761A0324	K.Surya Pavan		
Participated in Athletics at LBRCE, Lakshya 2K17, A National Level Technical Symposium	400m Sprint		15765A0317	K.Rohini
Participated in Shot put at LBRCE, Lakshya 2K17, A National Level Technical	Shot put		14761A03B5	T.Sri Lakshmi

Symposium				
Participated in Highjump at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Highjump		14761A03B5	T.Sri Lakshmi
Participated in Athletics at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Relay 4*100		16765A0310	R.Sowjanya
			15761A0367	B.Lakshmi Sharanya
			16765A0323	M.Jaya sri Sony
			15761A0379	J.Swapna
Participated in Athletics at LBRCE, Lakshya 2K17, A National Level Technical Symposium	400mt Sprint		17761A0327	L.Kiran
Participated in Longjump at LBRCE, Lakshya 2K17, A National Level Technical Symposium	Longjump		16761A03E0	K.Ravi
Participated In “ELINSTA-2k17” in the institution lvel Event Organized By Department Of EIE, LBRCE,Mylavaram	Mimicry		16761F0004	CH.THIRUPATHI RAYUDU
Participated In VIKASIT FEST – 2k17 In The Event (Mimicry) National Level Technical And Cultural Fest Organized By VIKAS IT On 13th December 2017	Mimicry		16761F0004	CH.THIRUPATHI RAYUDU
Participated In VIVA VVIT 2017-18 a National level event organized by VVIT NUMBURU on 21-12-2017.	Mimicry		16761F0004	CH.THIRUPATHI RAYUDU
Participated In EXPLORERS’ MEET-2K18 a National level event VAIVIDYA organized by SRKIT,ENIKEPADU on 3RD and 4TH JAN 2018-01-04.National level	Mimicry		16761F0004	CH.THIRUPATHI RAYUDU
Participated In UDGHOSH’ A NATIONAL LEVEL TECHNO ARTS AND CULTURAL MEET in the event MIME organized by CIT,GUNTUR on 8TH and 9TH JAN 2018.	Mime		16761F0004	CH.THIRUPATHI RAYUDU

Participated In UDGHOSH' A National Level Techno Arts And Cultural Meet in the event MIMICRY organized by CIT, GUNTUR on 8TH and 9TH JAN 2018.		Mimicry	16761F0004	CH.THIRUPATHI RAYUDU
Participated In Mimicry At National Level Literary And Cultural Competitions Held At GEC Fest-18 On 15th And 17th Feb 2018.		Mimicry	16761F0004	CH.THIRUPATHI RAYUDU
Participated In GEC FEST A National Level Literary and Cultural Competitions in the event MIMICRY organized by GEC, GUDLAVALLERU from 15TH and 17TH FEB 2018.		Mimicry	16761F0004	CH.THIRUPATHI RAYUDU
Participated in QIS Fest(National Level student Meet) in the event Cultural (Mimicry) organized by QIS College of Engineering and Technology on 10th March 2018.		Mimicry	16761F0004	CH.THIRUPATHI RAYUDU
Participated in Lakshya2K17 at LBRCE in the event Singing(Classical), National Level Technical Symposium on 17th Feb 2018		Singing	16761A03E8	M.Gunasahithi
Participated in Lakshya2K17 at LBRCE in the event Singing(Non-Classical), National Level Technical Symposium on 17th Feb 2018		Singing	16761A03E8	M.Gunasahithi
Participated in Lakshya2K17 at LBRCE in the event Group Dance, National Level Technical Symposium on 17th Feb 2018		Group Dance	14761A0339	Naveen & Group

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The various student council & representative committees in LBRCE are

(a)Class Review Committee

Every Class of the Degree Program shall have a Class Review Committee, consisting of Faculty and Students. Student members of class review committee assist the DAC (Departmental Academic Committee) in the process of academic plan implementation of every subject in a semester.

(b)IQAC

Student members of IQAC help to propagate quality policies adopted by the institution among the student fraternity and also help in projecting the student view point while taking any quality policy decision.

(c)Students professional societies

Most of these societies are maintained completely by students under the guidance of faculty members according to a plan of activity every year.

(d)Library Committee

Student members of the library committee will assist in the procurement of text books, journals and other learning material.

(e)Alumni Association

Every department attends to the coordination and liaison activity with alumni through the appointed student members.

(f)Anti-Ragging committee

Student members assist the institution in implementing rigid anti-ragging measures so that the institution becomes ragging-free campus.

(g)Grievance Redressal Committee

The matters of harassment and suppression of any single individual are handled by grievance redressal committee. Student members can help other students to present the grievance in case the sufferers want the representation in absentia.

(h)SAHELI-The Girls Club

The objectives of this club are to empower women and girls in academia through imparting educational, awareness, and training programmes to strengthen them towards leadership and self-motivation and to make them confident individuals in career.

(i)Cultural Committee

All the cultural activities during the important occasions of College day, Freshers' day and annual cultural festival (LAKSHYA) are coordinated by this committee.

(j)NSS

To inculcate awareness of social problems in the students, NSS activities are coordinated with large participation by students every year.

(k)Language & creativity club

In view of the critical significance of language skills in globalized world, students organize this club through activities like debating, group discussions, book reading and review, poetry, quiz and creative writing.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details

(maximum 500 words): Yes

The Alumni Association of Lakireddy Bali Reddy College of Engineering (AALBRCE) is a registered society with registration number 154 on 28th April, 06. The main objective is to enrol all alumni as members of the association and facilitate active participation of the alumnae in appropriate activities, events initiated by the Institute. Another objective of this association is to create a single semantic web of LBRCE fraternity in the long run. The LBRCE is proud of its brilliant alumni who are currently positioned all over the globe and have distinguished themselves in all spheres of high-end engineering and technology. The objectives of LBRCE Alumni Association are met by coordinating and networking of all the LBRCE alumni. This process ultimately leads to single global LBRCE community contributing to the institute as well as student community.

Alumni can play an active role in voluntary programs like mentoring students in their areas of expertise. Currently, our alumni are visiting the institute and giving motivational talks to the students, there by assisting them in securing suitable jobs.

The alumni network of our college is one of the biggest sources of placement opportunities to the students. Alumni are helping our students get placed at their respective organizations. Details of job opportunities are provided by the alumni in their companies and also are helping the institute during recruitment drives.

The career guidance programs are organized by AALBRCE by inviting alumni that have gone for higher studies. Our alumni association is currently planning to arrange seminars, debates and workshops on present trends in technology.

Alumni meet will take place in campus every year on second Saturday in the month of February to facilitate a forum for the Alumni to interact with the Institute and to bring together all the old students and the faculty of LBRCE to share their experiences with each other.

To get online survey on curriculum and teaching-learning process at LBRCE this alumni association plays an active role and facilitates the institute to conduct this survey smoothly. The feedback collected will help medications in the curriculum as per the current industry needs.

5.3.2 No. of registered Alumni: 855

5.3.3 Alumni contribution during the year (in Rupees): Nil

5.3.4 Meetings/activities organized by Alumni Association:

Year	Number of alumni association meetings	Dates of meetings	No of members attended	Total no of alumni enrolled
2017-18	1	17-02-2018	165	140

Details of Alumni visited the campus during the current academic year:

S.No	DATE	ALUMNI NAME	ROLL NO	ORGANIZATION	TOPIC	STUDENTS BENEFITED
1	25-10-2017	Mr.N.Bharath Kumar	10761E0011	HR Manager, Works at Dubai Oil Company	HR Courses & Challenges in Present Compwtitive World.	60
2	17-03-2018	P.Soudeep Raj	13761A0133	Site Engineer – CRDA Amaravathi	Career objectives	50
3	06-02-2018	D.Amara Siva Naga Babu	12761A0571	TCS	Regarding Commication skills and Aptitude and Reasoning Skills	45
4	09-02-2018	G.Kavya	13761A0576	TCS	Software job trends	60
5	09-02-2018	D.Devarakon daSravya	13761A0570	TCS	Prograaming skills	70
6	09-02-2018	ChSitaMaheswari	13761A0508	VIRTUSA	Open source software	60
7	13-10-2017	SaiSandeep	13761A0422	TCS	How to prepare for placements and how the working culture in software companies.	120
8	07-09-2017	Nithin Reddy Loya	08761A0482	TCS	Employability skills	120
9	11-08-2017	K Karthi	15761D4506	VLSI software engineer	Career guidance	75
10	06-03-2018	Wasim Ahmed	13761A0252	Tech Mahindra,KOLKAT	Career objectives for better future	120

				A		
11	06-03-2018	A.Krishnadath	13761A0204	Tech Mahindra,KOLKATA	Career in software field	120
12	29-06-2017	NagendraBabu	12761A0222	Aptitude Trainer	Career objectives &Aptitude training	69
13	20-06-2018	Mr.Prudhvi Chand	12761A1023	Masters in Carleton University, Canada	Masters in Abroad	120
14	12-03-2018	G.Rahul	13761A1004	Masters in Business Administration	Oppurtunities for EIE students in Multidisciplinary jobs	59
15	17-02-2018	D.Subhash	04761A1011	Vicepresident at Trudus capital PVT	Engineers In Arab countries	60
16	27-01-2018	Ms.U.Ramya	13761A1253	TCS	Importance of Industry Related Content in curriculum Regulations	60
17	06-12-2017	Ms.K.PadmaPriya	13761A1229	Kony Labs	Improving coding skills	120
18	31-01-2018	Mr.Zaheer khan	13761A1251	MS	Importance of research in studies	60
19	27-01-2018	Ms.U.Ramya	13761A1253	TCS	Importance of Industry Related Content in curriculum Regulations	120
20	06-12-2017	Ms.K.PadmaPriya	13761A1229	Kony Labs	Improving coding skills	60
21	08-12-2017	Ms. Akulasahitya	12761A1202	TCS	Coding contest and how to crack the code	60
22	09-12-2017	B.SaiDurgaSravani	13761A1203	Tech mahindra	Working life in Corporate compines	60
23	22-11-2017	Mr. MastanSk	13761A1249	MS	Study life in abroad	60
24	17-11-2017	Ms. NireeshaChalla	13761A1206	Achala IT soluotions	programming skills improvement at student level	60
25	17-11-2017	Mr.Abilash.S	12761A1247	TCS	Career in corporate companies & software tools usage.	60
26	07-02-2018	Krishna Kumar	13761E0020	Amazon-HR Executive	Competitive Environment	105

27	28-10-2017	Kranthi Kumar	11761E0031	Apollo Pharmacy-Sales Manager	Marketing	111
28	25-10-2017	Bharath Kumar	10761E0011	Works at Dubai Oil Company-HR Executive	HR Courses & Challenges in Present Competitive World	110
29	12-02-2018	N.Shyam Prasad	05761F0049	HCL	Employability skills	93

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

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

Institute has a Decentralization mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance.

Principal Level

The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to fulfill the vision and mission of the institute.

Deans level

Dean-Academics monitors all the academic activities through Academic Audit Committee which formulates common working procedures and entrusts the implementation with the departments and faculty members.

Dean – R&D monitors all R&D activities through department R&D coordinators.

Dean – CSE is nominated as Director-IQAC and monitors all IQAC functions.

Vice-Principal monitors student disciplinary activities and welfare activities. He also assists Principal in all administrative and academic requirements.

Faculty Level

Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in-charge of various academic, co-curricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. For effective implementation and improvement of the institute following committees are formed. Other units of the institute like sports, library, store etc. have operational autonomy under the guidance of the various committees/cells.

- ✓ IQAC
- ✓ Finance Committee
- ✓ Disciplinary and Anti-Ragging Committee
- ✓ Grievance and Redressal Committee
- ✓ Internal Complaint Committee
- ✓ Examination Committee
- ✓ Academic and Administrative Audit (AAA) Committee
- ✓ Purchasing Committee

- ✓ R&D Committee
- ✓ Innovation, Incubation and Enterprenureship Committee
- ✓ Skill Development Committee
- ✓ Training and Placement Committee
- ✓ Library Committee
- ✓ Sports and Yoga Committee
- ✓ NSS and NCC Committee

Student Level

Students members are added in many of the committees mentioned above and these members take active roles in the respective committees.

Participative management

The institute promotes a culture of participative management by involving the staff and students in various activities. All decisions of the institution are governed by proper objectives based on realistic information and facts. Both students and faculty are allowed to express themselves regarding any suggestions to improve the performance of the institute.

Strategic Level

The principal, academic co-coordinator and staff members are involved in defining the policies and procedures, framing guidelines and rules & regulations pertaining to admission, placement, discipline, grievance, counseling, training & development, and library services, and effectively implementing the same to ensure smooth and systematic functioning of the institute.

For the various programs to be conducted by the institute all the staff members will meet, discuss, share their opinion and plan for the event and form various committees involving students and coordinate with others.

Staff members are regularly involved in deciding all academic activities conducted by the college.

Functional Level

At functional level the faculty members participate in sharing the knowledge by discussing on the latest trends in technology during faculty meetings. Staff members are actively involved in implementing effective teaching-learning process and participate in assigned administrative responsibilities including budget proposals and utilization.

Operational level

The principal of the institution is the member secretary of the Governing Body (GB). The GB gives suggestions and monitors the procurement, introduction of new programs and welfare activities and all strategic plans.

The Principal of the institution is responsible for academic, non-academic and

administrative activities of the institution. On behalf of the institution, he interacts and corresponds with all the organizations such as AICTE, PCI, Govt. of A.P, UGC, Affiliating University.

The budget proposals for each department are prepared by the corresponding faculty members based on the department requirements regarding development, operational and maintenance.

Office staff are involved in executing day to day support services for both students and faculty.

Activities conducted by CAB:

- The Principal regularly conducts College Advisory Board (CAB) meeting to discuss various issues. All such issues are addressed by the Heads of the Departments with their faculty for implementing the decisions taken by CAB.
- Academic calendar is meticulously planned and prepared in advance by Dean-Academics office and CAB ensures the proper implementation of the academic calendar.
- CAB monitors the academic calendar and corresponding teaching-learning process and takes the appropriate decisions for effective implementation of curricular, co-curricular, and extra-curricular activities.
- CAB monitors the academic audit conducted every month and decides the corrective actions regarding teaching-learning process.
- All the agenda items on policies in CAB meetings are prepared by IQAC as per the strategic plans.

6.1.2 Does the institution have a Management Information System (MIS)? Yes/No/Partial: **YES**

6.2 Strategy Development and Deployment

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

The IQAC of the College is involved in drawing the quality policies for Teaching-Learning, Research, Curriculum planning and implementation, Student activities, innovation and all the extra-curricular and co-curricular activities

(a)Curriculum Development:

- Drafted Curricula are prepared by all Departments taking guidelines from AICTE Model Curriculum and Curricula adopted at two other Premier Institutions.
- Focussing on OBE implementation-Choice Based Credit System (CBCS)
- Specifying Course Outcomes (COs) as per Bloom's Taxonomy
- Deciding the level of Correlation of COs with POs and PSOs

- Considering Industry needs and Technological Challenges.
- Constituting Board of Studies (BoS) with members from NITs, IITs, Alumni and Industry.
- Appointing industry personnel and alumni as members of Board of Studies.
- Receiving feedback from the employers and alumni on existing curriculum for the required improvement and innovation.
- Involving academicians, employers, Alumni in the design and development of curriculum.
- Collecting information on latest technologies and studying the future needs of the industry.
- Salient Features of Current Regulations
 - ✓ Add-on Courses
 - ✓ Open Electives (MOOCs) & Program Electives
 - ✓ Self-Study Courses and Online Courses
 - ✓ Carryout Main Project in Industry
 - ✓ Internship
 - ✓ Environmental Science
 - ✓ Co-curricular/Extra-curricular activities (Mandatory)
 - ✓ Mandatory courses (Professional Ethics and Human Values, Employability Enhancement Skills, Problem-Assisted Learning (PAL) & Problem-Based Learning (PBL))

(b)Teaching-Learning

IQAC Contribute/Monitor/Evaluate the Teaching-Learning processes:

- Collecting Feedback from the stakeholders (students, alumni, industry experts, research organizations and parents).
- Monitoring of course files, lecture Schedules, course plans by random sampling
Verification of cycle test analysis, question papers Arrangement of special classes for weak students during evening hours.
- Identifying the new processes and recommending the same for improving the quality.
- Encouraging faculty for online certification Courses (NPTEL, MOOCS, Etc.)
 - ✓ Total of 139 Faculty members and 650 Students have got NPTEL course completion certificates for various courses. LBRCE Local Chapter was rated as “AAA” by NPTEL for March-April 18 examinations.
 - ✓ Total of 98 Faculty members and 140 Students have got NPTEL course completion certificates for various courses. LBRCE Local Chapter was rated as “AA” by NPTEL for

Sept-October 17 examinations.

- ✓ 745 students got certified among which 3 are graded as Elite+Gold, 161 are graded as Elite and 581 successfully completed. 6 of these students are toppers in those subjects.

(b) Examination and Evaluation

- Inclusion of OMR booklet with barcode
- Four Sets of question papers are prepared for each subject in SEE by Internal & External faculty
- Preparation of detailed scheme of evaluation by internal subject experts
- Initiation of Flying Squad team consisting of senior faculty members
- Establishment of Spot evaluation center
- Chief examiner in the evaluation
- Challenge evaluation
- Inclusion of security features in grade cards
- Complete Automation of Examination Management System
- Inclusion of CCTV cameras
- Implementation of RFID locking system

(d) Research and Development

- Budget allocation for Research & Development
- Autonomy to the principal investigator
- Centre for Innovation Incubation an Enterprenurer (CIIE) has been initiated
- Timely availability or release of resources
- Adequate infrastructure and human resources
- Time-off, reduced teaching load, special leave etc. to teachers
- Support in terms of technology and information needs
- Facilitate timely auditing and submission of utilization certificate to the funding authorities
- The college invites scientists, eminent professors and reputed researchers to share their experiences with
- Faculty which enhance the research culture in the campus.

(e) Library, ICT and Physical Infrastructure / Instrumentatio

Library

- Procuring the prescribed and reference text books as suggested by the subject experts.
- Subscribing to e-journals of reputed publishers.
- Providing access to e-books and e-learning resources through digital library.

ICT

- Installing computer system, LCD projector and public address system in all the seminar halls and e-class rooms.
- Providing internet and intranet facility with sufficient bandwidth.

Infrastructure

- Providing required ergonomically designed class rooms, tutorials, seminar halls etc.
- Providing required number of laboratories with the state-of-the-art facilities.
- Providing required computational facilities with sufficient number of computer and peripherals.
- Providing the various amenities such as canteen, indoor and outdoor game facilities, gym centres, medical centre, hostels and transport.
- The college has provided more than 10 computers distributed to all the departments of the college for the day-to-day usage by the students and faculty. Every department has its own computing facilities to meet the curriculum needs. Laptops are also made available with the departments for faculty usage. Desktop Computers are also provided in staff rooms and departmental library.
- Every department is provided with LCD projectors, Laptops and Overhead projectors for computer aided teaching. Internet is provided for all the departments and computer centres with 330 Mbps bandwidth.
- Computers are loaded with the required software as per the curriculum requirements. Software necessary for the preparation of computer aided teaching material by the faculty is also made available.

Laboratories

- All department of the college are fully equipped with latest state-of-the-art technology equipment as mentioned in the curriculum. Every department has got their own computing facility with latest software to meet their own requirements of major project/mini projects and research activity.
- In addition to the regular curriculum, students are encouraged to pursue their study/project work in the emerging areas of Research. The college has established advanced Research laboratory facilities in specific areas to inculcate research habits among the student fraternity.

(f)Human Resource Management

We at Lakireddy Bali Reddy College of Engineering (LBRCE), developed a Strategy to retain the employees for relatively long period by clearly defining their roles and responsibilities and evaluate their performance by specifying Faculty Performance Index (FPI) on 10 point scale to understand where the faculty members stand with their overall performance ratings annually and also follow the plan of action and implement the same in containing the rate of attrition and conforming it to a single digit based on performance appraisal. To measure key performance, a plan of action is put into effect ensuring the outcomes of FPI or addressed with the outcomes of excellent, average and below average. The Faculty performance indicators are three in number and they are

From feedback analysis	: 60%
Results analysis	: 25%
Administrative, Research publications & academic achievements & other contributions	: 15%

(g)Industry Interaction / Collaboration

- MoUs are signed with local industries.
- Training is provided for faculty and technical staff in local industries.
- Guest lectures are arranged on industry related topics by the industry persons.
- Students are deputed to industry for internship.
- Establishment of Advanced labs in collaboration with Industries

(h)Admission of Students

- Highlighting infrastructural facilities, faculty, placements and achievements of the college through advertisements, brochures and website.
- Increasing placements and quality of placements year after year.
- Revising the curriculum every 3-4 years to suit the requirements of industry.
- Improving faculty quality in-terms of qualifications and experience.
- Updating the existing equipment and introducing research-oriented laboratories.

6.2.2 Implementation of e-governance in areas of operations

Areas of e-governance	Name of the Vendor with contact details	Year of implementation
Planning and Development		
Administration	VOLKSOFT TECHNOLOGIES PVT LTD, SECUNDRABAD. Mr. Naveen 9299050097	2010
Finance and Accounts	Tally Solutions Pvt Ltd. Mr. Subba Rao, 9246493143	2010

Student Admission and Support	VOLKSOFT TECHNOLOGIES PVT LTD, SECUNDRABAD. Mr. Naveen 9299050097	2010
Examination	D Base solutions. Mr Siva Prasad, 9948696300	2017

6.3 Faculty Empowerment Strategies

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

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017-2018	MR.NAZUMUDDIN SHAIK	EFFECTIVE ENGINEERING TEACHING IN PRACTICE	NPTEL	1100
2017-2018	MR.I DAKSHINA MURTHY	EFFECTIVE ENGINEERING TEACHING IN PRACTICE	NPTEL	1100
2017-2018	MR. G V SURYA NARAYANA	MANUFACTURING PROCESS TECHNOLOGY I & II	NPTEL	1100
2017-2018	MR. G V SURYA NARAYANA	AIRCRAFT MAINTENANCE	NPTEL	1100
2017-2018	MR.S.INDRASENA REDDY	MANUFACTURING COMPOSITES	NPTEL	500
2017-2018	MR.I.DAKSHINA MURTHY	LAWS OF THERMODYNAMICS	NPTEL	500
2016-2017	MR.S.INDRASENA REDDY	INTRODUCTION TO AIRCRAFT PERFORMANCE	NPTEL	500
2016-2017	MR.I.DAKSHINA MURTHY	ENGINEERING MECHANICS: STATICS AND DYNAMICS	NPTEL	500
2016-2017	MR.B.HARSHAVARD HAN REDDY	ENGINEERING MECHANICS: STATICS AND DYNAMICS	NPTEL	500
2016-2017	Mrs.K. RAMYA MOUNIKA	CONVECTIVE HEAT TRANSFER	NPTEL	500
2017-18	A.Praneeta	Introduction to Programming in C	NPTEL	500
2017-18	A.Praneetha	A Faculty Development Programme on "Machine learning and soft computing" Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	A.Raja Gopal	Programming in C++	NPTEL	500
2017-18	B.Siva Rama Krishna	Cloud computing	NPTEL	500
2017-18	B.Siva Ramakrishna	A Faculty Development Programme on "Machine learning and soft computing" Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	Ch. Srinivasa Rao	A Faculty Development Programme on "Machine learning and soft computing" Organized by LBRCE association with E&ICT Academy	---	2500

2017-18	D. Srinivasa rao	A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	D.Srinivasa Rao	Computer Organization and Architecture	NPTEL	500
2017-18	Dr.Ch Venkata Narayana	A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	Dr.K S M V Kumar	A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	Dr.K S M V Kumar	Introduction to EPICS Workshop organized by APSSDC	--	1500
2017-18	Dr.K.Venkateswara Rao	A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	Dr.P M Ashok Kumar	A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	G. BaluNarasimha Rao	A Faculty Development Programme on “IOT &Analytics” organized by DIET associated with NIT Warangal	---	2500
2017-18	G.V.Suresh	Introduction to Machine Learning	NPTEL	500
2017-18	J Nageswara Rao	A Faculty Development Programme on “Data Science &BIG DATA Analytics” organized by MIC College of Technology associated with NIT Warangal	---	1250
2017-18	K.Naga Prasanthi	A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	K.NagaPrasanthi	Introduction to Programming in C	NPTEL	500
2017-18	K.Ranga Chary	CISCO NETACAD-2018 Instructor Conference	--	1330
2017-18	L.Kranthi Kumar	Computer Organization and Architecture	NPTEL	500
2017-18	L.V.Krishna Rao	Programming, data structures and algorithms using python	NPTEL	500
2017-18	M.Sribala	Introduction to Machine Learning	NPTEL	500
2017-18	M.Sribala	A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	N.Srinivasa Rao	Programming in C++	NPTEL	500

2017-18	N.V.Naik	Computer Organization and Architecture	NPTEL	500
2017-18	P.Vamsi Naidu	Introduction to Modern Application Development	NPTEL	500
2017-18	Sk.Johny Basha	A Faculty Development Programme on “Applied Cryptography” Organized by Gitam University association with E&ICT Academy	---	2500
2017-18	T. Udaya Kumar	A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	T.N.V.S.Praveen	NPTEL Certification Examination Fee	NPTEL	500
2017-18	T.V.Naga Raju	A Faculty Development Programme on “IOT & Analytics” organized by DIET associated with NIT Warangal	---	2500
2017-18	T.V.Naga Raju	Introduction to algorithms and analysis	NPTEL	500
2017-18	V.Siva Krishna	Programming in C++	NPTEL	500
2017-18	V.Siva Krishna	A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	---	2500
2017-18	Dr D Veeraiah	Data Mining	NPTEL	1100
2017-18	Dr O Rama Devi	Problem Solving through Programming in C	NPTEL	1100
2017-18	Mrs. G.V.Rajya Lakshmi	Problem Solving through Programming in C	NPTEL	1100
2017-18	Mr. G Balu Narasimha Rao	Data Base Management System	NPTEL	1100
2017-18	Mr. A S R C Murthy	Data Mining	NPTEL	1100
2017-18	Mr.Shaik Johny Basha	Introduction to Internet of Things	NPTEL	1100
2017-18	Mr.A.Sudhakar	Problem Solving through Programming in C	NPTEL	1100
2017-18	Dr P M Ashok Kumar	Patent Drafting for Beginners	NPTEL	1100
2017-18	Mr.G Nageswara Rao	Introduction to Internet of Things	NPTEL	1100
2017-18	Mr.K Sundeep Saradhi	Problem Solving through Programming in C	NPTEL	1100
2017-18	Mr.S Govindu	Programming Datastructures and Algorithms	NPTEL	1100
2017-18	Mr.P Vamsi Naidu	Problem solving through Programming In C	NPTEL	1100
2017-18	Mr.J Nageswara Rao	Cloud Computing	NPTEL	550
2017-18	p.mohana ganga raju	Two day workshop on IUCEE AP Chapter-EPICS	APSSDC	2000
2017-18	Dr.KUDUMULA SREENIVASA REDDY	Effective Engineering Teaching in Practice	NPTEL	1100

2017-18	Dr.KUDUMULA SREENIVASA REDDY	Outcome Based Pedagogic Principles for Effective Teaching	NPTEL	1100
2017-18	Dr. V. Rama Krishna	Outcome Based Pedagogic Principles For Effective Teaching	NPTEL	1100
2017-18	Mr.J. Rangaiah	Introduction To GIS	NPTEL	1100
2017-18	Mr.B. Rama Krishna	Housing Policy & Planning	NPTEL	1100
2017-18	Mr.B. NarasimhaRao	Geotechnical Engineering-I	NPTEL	1100
2017-18	Mr.M. Manoj Kumar	Housing Policy & Planning	NPTEL	1100
2017-18	Mr.K. Jaya Rao	Geotechnical Engineering-I	NPTEL	1100
2017-18	Mr.Y. Laxmi Veena	Hydration, Porosity and Strength of Cementitious Materials	NPTEL	1100
2017-18	Mr. K.Harish	Digital Land Surveying And Mapping (DLS&M)	NPTEL	1100
2017-18	Dr.E.V. Krishna Rao	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Prof. B. Ramesh Reddy	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Dr.M.Madhavi	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Dr. M. Venkata Sudhakar	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Dr. G. Srinivasulu	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Mr. G.L.N.Murthy	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Mr.V.V.Rama Krishna	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Sk.Mastan Shareif	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Mr. M. Sambasiva Reddy	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Mr. K. Ravi Kumar	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Mr. P. Venkateswara Rao	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Mr. M.K. Linga Murthy	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Mr. T.Anil Raju	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		1250
2017-18	Smt. B. Rajeswari	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		1250
2017-18	Mr. P. Rakesh Kumar	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		1250
2017-18	Mr. N. Ravi Kumar Reddy	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Mr. Ch. Siva Rama Krishna	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500

2017-18	Smt. M. Ramya Harika	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Mr. B. Siva Hari Prasad	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Smt. K. Lakshmi	One week FDP on "New Alogorithms for Signal Processing hands on", at LBRCE		2500
2017-18	Dr.E.V. Krishna Rao	Journal of Medical and Biological Engineering		6000
2017-18	Dr. G. Srinivasa Rao	Journal of Theoretical and Applied Information Technology		2000
2017-18	Dr. A. Narendra Babu	Indian Jounral of Sceince and Technology		2000
2017-18	Dr. S.V. Jagadeesh Chandra	Materials Today Proceedings-Elsevier		6000
2017-18	Dr. S.V. Jagadeesh Chandra	Materials Research Express		2000
2017-18	Mr.G.L.N.Murthy	International Journal of Hybrid Information Tevchnology		1000
2017-18	Mr.P.Rakesh Kumar	Microwave and Optical technology Letters		6000
2017-18	Mr. K. Ravi Kumar	International Journal of Intelligent Systems and Applications		6000
2017-18	Mr. K. Ravi Kumar	International Journal of Speech Technology		1000
2017-18	Mr. K. Ravi Kumar		NPTEL	500
2017-18	Mr. K. Rama Krishna		NPTEL	500
2017-18	Mr. M.K. Linga Murthy		NPTEL	500
2017-18	Mr. G.Venkat Rao		NPTEL	500
2017-18	Mr. M. Sambasiva Reddy		NPTEL	500
2017-18	Mr. P. Rakesh Kumar	Natioanal Seminar at ANU, Nambur on IRNSS system- New Navigational era in the sub continent		1500
2017-18	Mr. B. Siva Hari Prasad	Natioanal Seminar at ANU, Nambur on IRNSS system- New Navigational era in the sub continent		1500
2017-18	Smt. K. Rani Rudrama	Natioanal Seminar at ANU, Nambur on IRNSS system- New Navigational era in the sub continent		1500
2017-18	Mr. B.Y.V.N.R. Swamy	Natioanal Seminar at ANU, Nambur on IRNSS system- New Navigational era in the sub continent		1500
2017-18	Mr. B.Y.V.N.R. Swamy	UGC sponsered National Seminar on Small Satellite Systems at ANU, Nambur		750
2017-18	Dr.E.V. Krishna Rao	Principles of Signals & Systems	NPTEL	1100
2017-18	Prof. B. Ramesh Reddy	Principles of Signals & Systems	NPTEL	1100

2017-18	Dr. S.V. Jagadeesh Chandra	FEM & Devices	NPTEL	1100
2017-18	Dr. G. Srinivasa Rao	Principles of Signals & Systems	NPTEL	1100
2017-18	Dr. Y.S.V.Raman	Analog Circuits	NPTEL	1100
2017-18	Dr. M.Venkata Sudhakar	Fiber Optics	NPTEL	1100
2017-18	Dr. P. Lachi Reddy	Computer Organization & Architecture	NPTEL	1100
2017-18	Mr. G. Srinivasulu	E-Waste Management	NPTEL	1100
2017-18	Dr. M. Madhavi	Principles of Signals & Systems	NPTEL	1100
2017-18	Mr.V.V.Rama Krishna	Principles of Signals & Systems	NPTEL	1100
2017-18	Mr. G.L.N.Murthy	Principles of Signals & Systems	NPTEL	1100
2017-18	Smt. K. Rani Rudrama	IC,MOSFET, OP-AMP Applications	NPTEL	1100
2017-18	Mr. T.Anil Raju	Research Writing	NPTEL	1100
2017-18	Mr. G.Venkata Rao	Basic Electronics	NPTEL	1100
2017-18	Mr. K. Sasi Bhushan	Control Engineering	NPTEL	1100
2017-18	Mr. Sk. Mastan Sharif	Basic Electronics	NPTEL	1100
2017-18	Mr. B. Siva Hari Prasad	Electro Magnetic Theory	NPTEL	1100
2017-18	Mr. M.K. Linga Murthy	Principles of Signals & Systems	NPTEL	1100
2017-18	Mr. P. Rakesh Kumar	Introduction to Research	NPTEL	1100
2017-18	Mr. V. Ravi Sekhara Reddy	Electro Magnetic Theory	NPTEL	1100
2017-18	Mr. M.S.Sankara Rao	Principles of Signals & Systems	NPTEL	1100
2017-18	Mr. B.Y.V.N.R. Swamy	Basic Electronics	NPTEL	1100
2017-18	Smt. B. Rajeswari	Research Writing	NPTEL	1100
2017-18	Mr. G.Venkat Rao	Introduction to Research	NPTEL	1100
2017-18	Mr. P. Venkateswara Rao	Principles of Signals & Systems	NPTEL	1100
2017-18	Mr. Ch. Siva Rama Krishna	Control Engineering	NPTEL	1100
2017-18	Mr.Ch.Mallikharjuna Rao	Introduction to Research	NPTEL	1100
2017-18	Mrs. M.V.L. Bhavani	IC,MOSFET, OP-AMP Applications	NPTEL	1100
2017-18	Smt. K. Lakshmi	Principles of Signals & Systems	NPTEL	1100

2017-18	Mr. K. Ravi Kumar	Principles of Signals & Systems	NPTEL	1100
2017-18	Mr. K. Rama Krishna	Computer Organization & Architecture	NPTEL	1100
2017-18	Smt.T. Kalpana	IC,MOSFET, OP-AMP Applications	NPTEL	1100
2017-18	Ch.V.Naga Bhaskar	Fiber Optics	NPTEL	1100
2017-18	Mr. K.V.Ashok	Computer Organization & Architecture	NPTEL	1100
2017-18	Mr. R. Hari Kishan	Principles of Signals & Systems	NPTEL	1100
2017-18	K. Sridhar Reddy	Basic Electronics	NPTEL	1100
2017-18	Mr. N. Ravi Kumar Reddy	Basic Electronics	NPTEL	1100
2017-18	Mr. M. Sambasiva Reddy	Basic Electronics	NPTEL	1100
2017-18	Mr. A. Anil Kumar Reddy	Basic Electronics	NPTEL	1100
2017-18	Y.Murali Krishna	A Five Day faculty development program on "Industrial Automation" by APSSDC-SIEMENS Center of Excellence	APSSDC	1000
2017-18	Dr.M.Uma Vani	Effective Engineering Teaching In Practice	NPTEL	1100
2017-18	Dr. K. Harinadha Reddy	Power System Engineering	NPTEL	1100
2017-18	Dr.K.R.L.Prasad	Control engineering	NPTEL	1100
2017-18	Dr.P. Sobha Rani.	Effective Engineering Teaching In Practice	NPTEL	1100
2017-18	Dr. J. Siva Vara Prasad	Microprocessors and Microcontrollers	NPTEL	1100
2017-18	Mr.M.B.Chakkravaarthy	Power System Engineering	NPTEL	1100
2017-18	Mr. J.V.Pavan Chand	Control engineering,	NPTEL	1100
2017-18	Mr.B.Pangedaiah	Outcome Based Pedagogic Principles for Effective Teaching	NPTEL	1100
2017-18	Mr.S.Prem kumar	Power System Engineering	NPTEL	1100
2017-18	Mr. K.Sudheer Kumar.	Power System Engineering	NPTEL	1100
2017-18	Mr.Y.Murali Krishna	Integrated Circuits, Mosfets, OP-Amps and their Applications	NPTEL	1100
2017-18	Mr.P.Srihari	Introduction to Research	NPTEL	1100
2017-18	Mr.Ch.Rajesh	Basic Electronics	NPTEL	1100
2017-18	Mr.A.V.Ravi Kumar	Control engineering	NPTEL	1100
2017-18	Mr.E.Raghu Babu	Power System Engineering	NPTEL	1100
2017-18	Ms.V.Siva Parvathi	Power System Engineering	NPTEL	1100

2017-18	Mr. K.Nagalingachary	Control engineering	NPTEL	1100
2017-18	Smt. T.Naga Durga	Power System Engineering	NPTEL	1100
2017-18	Smt. K Lakshmi Lavanya	Power System Engineering	NPTEL	1100
2017-18	Smt. G. Thabitha	Integrated Circuits, Mosfets, OP-Amps and their Applications	NPTEL	1100
2017-18	Ms. R.Padma	Power System Engineering	NPTEL	1100
2017-18	Mr. B.Rukesh Kumar	Power System Engineering	NPTEL	1100
2017-18	Mr. P Rathnakar Kumar	Power System Engineering	NPTEL	1100
2017-18	Mr. Y Raghu Vamsi	Power System Engineering, Control engineering	NPTEL	1100
2017-18	Mr. G. Srinivasa Rao	Power System Engineering, Control engineering	NPTEL	1100
2017-18	Dr.T.Satyanarayana	Publications:Scopus-02 & SCI-03		24000
2017-18	SK.Mastan Sharif	Publication:Scopus-01		4000
2017-18	Mr.B.Sandeep	Introduction to Research	NPTEL	1100
2017-18	Mr.Ch.Seshu Kumar	Introduction to Research	NPTEL	1100
2017-18	Mrs.V.Vineela	Effective engineering teaching in practise	NPTEL	1100
2017-18	Ms.D.Venkata lakshmi	Effective engineering teaching in practise	NPTEL	1100
2017-18	Mrs.P.Bhavya	Introduction to research	NPTEL	1100
2017-18	Mrs.G.Anusha	Research Writing	NPTEL	1100
2017-18	Dr.Rambabu Busi	FDP-"NEW ALGORITHM FOR SIGNAL PROCESSING HANDS ON"		2500
2017-18	Ms.D.Venkata lakshmi	FDP-"NEW ALGORITHM FOR SIGNAL PROCESSING HANDS ON"		1250
2017-18	Mrs.K.Hemanthi	One week FDP on Machine Learning & Soft Computing Analytics organized by E & ICT Academy, NIT Warangal.,		2500
2017-18	Mrs.K.Anu Priya	One week FDP on Machine Learning & Soft Computing Analytics organized by E & ICT Academy, NIT Warangal.,		2500
2017-18	Mrs.A.Sarvani	One week FDP on Machine Learning & Soft Computing Analytics organized by E & ICT Academy, NIT Warangal.,		2500
2017-18	Mr.V.V.Krishna Reddy	Three day FDP on Advanced Digital System design with FPGAS		150
2017-18	Mr.T.Suresh	One week FDP on Machine Learning & Soft Computing Analytics organized by E & ICT Academy, NIT Warangal.,		1250
2017-18	Mr.K.Ravi Teja	One week FDP on Machine Learning & Soft Computing Analytics organized by E & ICT		2500

		Academy, NIT Warangal.,		
2017-18	Mr.K.Rajasekhar	One week FDP on Machine Learning & Soft Computing Analytics organized by E & ICT Academy, NIT Warangal.,		2500
2017-18	Mr.K.Purushothama Rao	International Conference on Cognitive Informatics and soft computing (ICCISC - 2017)		8500
2017-18	Mr.K.Michael Sadgunrao	One week FDP on Data analysis using Open source statistical package R organized by E & ICT Academy, NIT Warangal		2500
2017-18	Dr.S.Naganjaneyulu	FDP on IOT Analytics organized by E & ICT Academy, NIT Warangal		2500
2017-18	Dr.D.Naga Raju	One week FDP on Machine Learning & Soft Computing Analytics organized by E & ICT Academy, NIT Warangal.,		1250
2017-18	Dr.D.Naga Raju	16th IEEE International Conference on Cognitive Informatics & Cognitive Computing at University of Oxford,UK		45000
2017-18	Dr. B.Rama Devi	One week FDP on Data Science and Big data Analytics organized by E & ICT Academy, NIT Warangal		2500
2017-18	Dr . B. Srinivasa Rao	Programming, Data Structures and Algorithms	NPTEL	1100
2017-18	Mrs. K. Anupriya	Programming, data structures and algorithms using python	NPTEL	1100
2017-18	Mr. K. Purushottama Rao	Programming, data structures and algorithms using python	NPTEL	1100
2017-18	Mr. K. Michael Sadgun Rao	Cloud Computing	NPTEL	1100
2017-18	A.Nageswara Rao	One Week Faculty Development Program on 3D Printing Technology in Engineering Education		
2017-18	A.V.V.V.R Prasad	A Short term course on Internal Combustion Engines		-
2017-18	B.Kamala priya	One Week Faculty Development Program on Advances in Mechanical Engineering		1000
2017-18	B.Sudheer Kumar	International Conference on Engineering Materials, Metallurgy, and Manufacturing- ICEMMM-2018)		
2017-18	B.Udaya lakshmi	Five day Faculty Improvement program on NX Design and Validation-APSSDC		-
2017-18	Dr K.Murahari	National conference on Recent Advances in Mechanical Engineering(NCRAME-17)		-
2017-18	Dr K.Murahari	Five Day Faculty Certification Program on Finite Element Analysis using ANSYS		-
2017-18	Dr P.V.Chandrasekhar rao	National Conference on Recent Advances in Mechanical Engineering (NCRAME-17)		-
2017-18	Dr.K.Dileep Kumar	International Conference on Material Processing and Characterisation		
2017-18	Dr.K.Dileep Kumar	One Week Faculty Development Program on Advances in Mechanical Engineering		-

2017-18	Dr.P.Ravindra Kumar	24th National and 2 nd International ISHMT-ASTFE Heat and Mass Transfer Conference		-
2017-18	Dr.P.Vijay Kumar	A Five day GIAN Course on Thermal Management of Electronics		2000
2017-18	Dr.P.Vijay Kumar	National Conference on Recent Advances in Mechanical Engineering (NCRAME-17)		-
2017-18	Dr.S.Pichi Reddy	One Week Faculty Development Program on Advances in Mechanical Engineering		-
2017-18	Dr.S.Pichi Reddy	International Conference on Advances in Materials and Manufacturing Engineering(ICAMME-2018)		7000
2017-18	G.Kartheek	Five Day faculty Improvement program on Industrial Robotics-APPSSDC		-
2017-18	J.Venkata Somi Reddy	Three day National Workshop on Improving the teaching skills in Engineering Drawing		-
2017-18	K.N.D.Malleswara Rao	International Conference on Engineering Materials, Metallurgy, and Manufacturing-ICEMMM-2018)		-
2017-18	K.V.Viswanadh	Five day Faculty Improvement Program on Industrial Robotics-APSSDC		-
2017-18	M.Bhavani	Two day Faculty Training program on Matlab and its applications		300
2017-18	Mallikarjuna Rao Dandu	One week faculty development program on "Computational Fluid Dynamics"		1000
2017-18	Peddireddi Tharun Sai	Three day National Workshop on Improving the teaching skills in Engineering Drawing		-
2017-18	S.Rami Reddy	One week faculty development program on "Computational Fluid Dynamics"		1000
2017-18	S.Srinivasa Reddy	One week faculty development program on "Computational Fluid Dynamics"		1000
2017-18	T.Venkateswara Rao	A Short Term Training Program on Recent Trends in Tribology and Surface Characterization		-
2017-18	T.Venkateswara Rao	International Conference on Engineering Materials, Metallurgy and Manufacturing.(ICEMMM-2018)		-
2017-18	V.Dhana Raju	International Conference on Advances in Energy Research		6000
2017-18	B.Sudheer Kumar	INTRODUCTION TO MECHANICAL VIBRATIONS	NPTEL	1100
2017-18	Mr.AKULA NARESH KUMAR	RESEARCH WRITING	NPTEL	1100
2017-18	Mr.JONNALA.SUBBA REDDY	RESEARCH WRITING	NPTEL	1100
2017-18	Mr.JONNALA.SUBBA REDDY	DESIGN AND ANALYSIS OF EXPERIMENTS	NPTEL	1100
2017-18	Mr.SIVA SANKAR BABU CHINAKA	INTRODUCTION TO MECHANICAL VIBRATIONS	NPTEL	1100
2017-18	G.Kartheek	TRADITIONAL AND NON-TRADITIONAL OPTIMIZATION TOOLS	NPTEL	1100
2017-18	G.Kartheek	RESEARCH WRITING	NPTEL	1100

2017-18	M.Bhavani	MANUFACTURING PROCESS TECHNOLOGY I & II	NPTEL	1100
2017-18	T.Venkateswara Rao	INTRODUCTION TO MECHANICAL VIBRATIONS	NPTEL	1100
2017-18	T.Venkateswara Rao	ENGINEERING MECHANICS AND STATISTICS DYNAMICS	NPTEL	1100
2017-18	Mr.A V V R PRASAD Y	Fluid Machines	NPTEL	1100
2017-18	DR. A. ADISESHA REDDY	ONE DAY NATIONAL CONFERENCE ON STRESS MANAGEMENT- BY CII	CII	1,000
2017-18	MR. K. RAVI KIRAN	TWO DAY NATIONAL CONFERENCE ON LEARNING MANAGEMENT SYSTEM AND EDC TECH TOOLS	JNTU-K	1,000
2017-18	Dr. A.ADISESHA REDDY	Principles of Human resource management	NPTEL	1100
2017-18	Dr.T.RAJASEKHAR	Principles of Human resource management	NPTEL	1100
2017-18	Dr. L. SRINIVAS	Managing Services	NPTEL	1100
2017-18	Dr. L. SRINIVAS	Strategic Performance management	NPTEL	1100
2017-18	Dr. V. V. NARSI REDDY	Research writing	NPTEL	1100
2017-18	Mr. D. VENKATESWARLU	Services marketing: A Practical approach	NPTEL	1100
2017-18	Mrs. R. JEYALAKSHMI	Foundation Course in Managerial economics	NPTEL	1100
2017-18	Dr. Y.VENKATA RAMANA	Consumer behaviour	NPTEL	1100
2017-18	Mr. U. RAMBABU	Financial Statement analysis and reporting	NPTEL	1100
2017-18	Mrs. D. KALYANI	Research writing	NPTEL	1100
2017-18	Mr. K. RAVI KIRAN YASASWI	Financial Statement analysis and reporting	NPTEL	1100
2017-18	Mr. P. SIVA REDDY	Financial Statement analysis and reporting	NPTEL	1100
2017-18	Mr. T. CHANDRA SEKHAR	Principles of Human resource management	NPTEL	1100
2017-18	Mr K.Phaneendra	Faculty Training Bootcamp on Advanced Android Development organized by APSSDC at VRSiddhartha, Vijayawada from 7th to 8th Dec 2017.		1000
2017-18	Mrs M.Hema latha	Workshop on Learning Management Systems and Ed-Tech Tools (WLMSET-2017) organized by JNTUK at Kakinada, on 22-23rd Dec 2017.		1402
2017-18	Mrs M.Hema latha		NPTEL	500
2017-18	Mr S Siva Rama Krishna		NPTEL	500
2017-18	Mr S Srinivas Reddy		NPTEL	500

2017-18	Mr P. Ashok Reddy		NPTEL	500
2017-18	Mr R Vijaya		NPTEL	1000
2017-18	Mr Y.Kranthi Kumar		NPTEL	1000
2017-18	Mr G.Rajendra		NPTEL	500
2017-18	Mr K.Phaneendra		NPTEL	500
2017-18	Mr L.Narendra		NPTEL	500
2017-18	Mr R.vijaya	FDP on Machine Learning and Soft Computing organized by Electronics & ICT Academy NIT, Warangal at LBRCE, on 22nd – 28Th January, 2018.		2500
2017-18	Mr G.Rajendra	FDP on Machine Learning and Soft Computing organized by Electronics & ICT Academy NIT, Warangal at LBRCE, on 22nd – 28Th January, 2018.		2500
2017-18	Mr Y.Kranthi Kumar	FDP on Machine Learning and Soft Computing organized by Electronics & ICT Academy NIT, Warangal at LBRCE, on 22nd – 28Th January, 2018.		2500
2017-18	Mr.I.Rajendra Kumar	Problem Solving through Programming in C	NPTEL	1100
2017-18	Mrs.Rameneni Vijaya	Programming, Data Structures and Algorithms using C	NPTEL	1100
2017-18	Mrs.Munnamgi.Hema latha	Programming, Data Structures and Algorithms using C	NPTEL	1100
2017-18	Mr.Seelam Srinivas Reddy	Problem Solving through Programming in C	NPTEL	1100
2017-18	Mrs M.Hema latha	EBOX Training		6000
2017-18	Mr S Srinivas Reddy	EBOX Training		6000
2017-18	Mr L.Narendra	EBOX Training		6000
2017-18	Dr.B. Samrajya Lakshmi	Technical English for Engineers	NPTEL	1000
2017-18	Dr. V. Parvathi	Co-ordination Chemistry	NPTEL	1000
2017-18	S. Vijaya Dasaradha	Co-ordination Chemistry	NPTEL	1000
2017-18	Y.P.C.S Anil kumar	Numerical Methods	NPTEL	1000
2017-18	M. Rami Reddy	Differential equations for Engineers	NPTEL	1000
2017-18	K. Jhansi Rani	Differential equations for Engineers	NPTEL	1000
2017-18	D. Vijay Kumar	Numerical Methods	NPTEL	1000
2017-18	Dr. K.R.Kavitha	Differential equations for Engineers	NPTEL	1000

2017-18	K.Bhanu Lakshmi	Differential equations for Engineers	NPTEL	1000
2017-18	Ch. Chaitanya	Differential equations for Engineers	NPTEL	1000
2017-18	K.N.V. Lakshmi	Differential equations for Engineers	NPTEL	1000
2017-18	N. Aruna	Solid state physics	NPTEL	1000
2017-18	B. Srinivasa Reddy	Technical English for Engineers	NPTEL	1000
2017-18	Ch. Nagarjuna	Technical English for Engineers	NPTEL	1000
2017-18	K. Sridevi	Technical English for Engineers	NPTEL	1000
2017-18	B. Sagar	Technical English for Engineers	NPTEL	1000
2017-18	K. Jamili Reddy	Co-ordination Chemistry	NPTEL	1000
2017-18	Dr.Shaheda Niloufer	Biology for Engineers and non-biologists	NPTEL	1000
2017-18	V. Bhagya Lakshmi	Biology for Engineers and non-biologists	NPTEL	1000
2017-18	G. Vijaya Lakshmi	Differential equations for Engineers	NPTEL	1000
2017-18	Dr.S.Yusub	Solid state physics	NPTEL	1000
2017-18	Dr.T.V.Naga Lakshmi	Co-ordination Chemistry	NPTEL	1000
2017-18	T.Ramamohan	Business English Communication	NPTEL	1000
2017-18	D.Ch.Bhikshu	Business English Communication	NPTEL	1000
2017-18	Dr.A.Rami Reddy	Multivariable Calculus	NPTEL	1000
2017-18	Dr. J. Vasanta Rao	Fibre Optics	NPTEL	1000
2017-18	Dr. A. Rami Reddy	Multivariable Calculus	NPTEL	1100
2017-18	Dr. T. Vasantha Rao	Fiber Optics	NPTEL	1100
2017-18	Mr.T.Rama Mohan	Business English Communication	NPTEL	1100
2017-18	Mr.D. Chinna Bikshamaiah	Business English Communication	NPTEL	1100
2017-18	Dr.K.V.M.Achuta Ramaiah	Enhancing Soft Skills &Personality	NPTEL	1100
2017-18	Dr.Sujit Kumar Rath	Enhancing Soft Skills &Personality	NPTEL	1100
2017-18	Mr.B.Ramesh	Introduction To Research	NPTEL	1100
2017-18	Mrs.CH.Padma	Introduction To Research	NPTEL	1100
2017-18	Mrs.T.Radha Rani	Introduction To Research	NPTEL	1100
2017-18	Mr.Y.Saloman Raju	Speaking Effectively	NPTEL	1100

6.3.2 Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

S.No	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	Dates (from-to)	No of participants (Teaching staff)	No of participants (Non-teaching staff)
1		Non-Destructive Testing and Its Applications in Aerospace Industries	7-10-2017		2
2		Fundamentals of MS-office	24-11-2017 to 25-11-2017		3
3	Two day workshop on "Outcome based education".		6-6-2017 to 7-6-2017	10	
4	FINITE ELEMENT ANALYSIS using ANSYS		7-11-2017 to 11-11-2017	8	
5	CFD using ANSYS		7-8-2017 to 11-8-2017	8	
6	--	A Two-day workshop on "fundamentals of MS-OFFICE"	NOV 24th to 25th, 2017	0	3
7	A Five Day faculty development program on "ANSYS for Electrical Engineering Applications"		06-11-2017 to 10-11-2017	27	
8	A Five Day faculty development program on "Metaheuristic Techniques: Applications to Power Engineering"		07-05-2018 to 11-05-2018	30+10	
9		The National small Industries Corporation ltd(Industrial Training)	27-11-2017		1
10		Fundamentals of MS Office	24-11-2017 to 25-11-2017		4
11	One week FDP on "New Algorithms for Signal Processing Hands on"		20-04-2018 to 27-04-2018	20	
12	--	"Transducers and Measurement Lab"	05/05/2018	--	4
13	Machine Learning and Soft Computing		22nd - 28th January 2018	8	
14		Fundamentals of MS Office	24-11-2017 to 25-11-2017		2
15	Five day FDP on "Computational Fluid		07-08-2017 to 11-08-	11	

	Analysis using ANSYS”		2017		
16	Five day FDP on “Finite Element Analysis using ANSYS”		07-11-2017 to 11-11-2017	26	
17		Fundamentals of MS-office	24-11-2017 to 25-11-2017		5
18	AICTE approved 2 week FDP 101 X on Foundation Program in ICT for Education		08-03-18 to 12-04-18	91	
19	AICTE approved 2 week FDP 201 X on Pedagogy for Online and Blended Teaching-Learning Process		03-05-18 to 30-05-18	39	

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development program	Number of teachers who attended	Date and Duration (from – to)
Study on Future Reusable Space Transportation System	13	29-3-2018
International Conference on Contemporary Designs and Analysis of Manufacturing and Industrial Engineering Systems	1	18-1-2018 to 20-1-2018
Maintenance, Repair & Overhaul of Aircraft Engines	13	08-01-2018
FINITE ELEMENT ANALYSIS using ANSYS	8	7-11-2017 to 11-11-2017
Parameter Estimation of UAV Using Flight Test Methods	13	09-10-2017
Application of NDT in Aerospace Industries	13	7-10-2017
CFD using ANSYS	8	7-8-2017 to 11-8-2017
Two day workshop on "Out come based education".	10	6-6-2017 to 7-6- 2017
Machine Learning and Soft Computing	8	22nd - 28th January 2018
Outcome Based Education	17	6th - 7th June 2017
IOT and Analytics	1	21st - 26th October 2017
2nd International conference on Advances in computing and data Sciences(ICACDS-2018)	1	20th & 21st April 2018
Three day FDP on Advanced Digital System design with FPGAS	1	02-04-2018 to 04-04-2018
International Conference on Artificial Intelligence	1	2nd& 3rd February 2018

& Cognitive Computing (AICC-2018)		
International Conference on Soft Computing: Theories and application 2017	2	21-12-2017 to 23-12-2017
International Conference on Cognitive Informatics and soft computing (ICCISC - 2017)	2	20th& 21st December 2017
One week FDP on Data analysis using Open source statistical package R organized by E & ICT Academy, NIT Warangal.	1	27-11-2017 to 02-12-2017
Short term training program on Intelligent computing and deep Learning	1	20-11-2017 to 25-11-2017
One week FDP on Data Science and Big data Analytics organized by E & ICT Academy, NIT Warangal.	1	13-11-2017 to 18-11-2017
FDP on IOT Analytics organized by E & ICT Academy, NIT Warangal.	1	21-10-2017 to 26-10-2017
International Conference on Advances in Computer Science and Engineering(ICACSE-2017)	1	15-07-2017
International conference on cognitive science and artificial intelligence 2017(ICC Sai-2017)	2	05-07-2017 to 07-07-2017
16th IEEE International Conference on Cognitive Informatics & Cognitive Computing at University of Oxford,UK	1	26-07-2017 to 28-07-2017
Two day workshop on IUCEE AP Chapter- EPICS	1	april 24th to 25th ,2018
two day workshop on "finite element of structure software"	1	aug 3rd to 4th ,2017
Two day workshop on "Out come based education".	8	july 6th to 7th, 2017
NPTEL COURSE	9	jan to april,2018
A Faculty Development Programme on “IOT &Analytics” organized by DIET associated with NIT Warangal	2	21-10-2017 to 26-10-2017
NPTEL certification	15	July to October 2017
A Faculty Development Programme on “Data Science &BIG DATA Analytics” organized by MIC College of Technology associated with NIT Warangal	1	13-11-2017 to 18-11-2017
A Faculty Development Programme on “Machine learning and soft computing” Organized by LBRCE association with E&ICT Academy	12	22-10-2018 to 28-10-2018
A Faculty Development Programme on “Applied Cryptography” Organized by Gitam University association with E&ICT Academy	1	27-04-2018 to 02-05-2018
Introduction to EPICS Workshop organized by APSSDC at SVCE, Thirupati	1	24-04-2018 to 25-04-2018
A Faculty Development Programme on "Advanced Digital System" design with FPGAS organized by LBRCE	2	02-04-2018 to 04-04-2018
CISCO- NETACAD instructor 2018 conference	1	05-02-2018 to 06-02-2018

A One Week Faculty Development Program on “New Algorithms for Signal Processing Hands on” in association with E&ICT Academy, NIT Warangal	20	20th to 27th April 2018
FDP on Industrial Automation	1	23rd-27th April 2018
A one week “INUP hands-on training workshop on Nanofabrication Technologies”	2	April 16th to April 20th , 2018
UGC Sponsored seminar on Small Satellite Systems	1	
FDP On Advanced Digital system design with FPGAs	4	
Two Day National Seminar on “IRNSS System-New Navigational Era in the Sub Continent(INNS-2018)	4	27th -28th February 2018
A One Week Faculty Development Program on “Practical RF Antenna Design with Simulation Studies”	1	18th-23rd December -2017
AICTE Sponsored Seminar on “Advanced Digital Image Processing Techniques ”	2	15th -16th December -2017
A One Week FDP on Advanced Antennas & Applications	1	28th Nov- 2nd Dec,2017
A One Week FDP on Design and Analysis of RF Antennas Using HFSS	48	13th-18th November, 2017
One day faculty orientation program on PATENT FILING	2	11TH NOV-2017
Two day workshop on "Digital Signal Processors Architectures and Optimization Methods"	9	23rd&25th September-2017
A two day workshop "Advanced Antenna Design"	2	22nd&23rd September-2017
A two day workshop on Advances in Electronics and communication Engineering	2	26th-27th August 2017
“New Algorithms for Signal Processing Hands on”	2	20/04/2018 - 27/04/2018
“Advanced Digital System Design with FPGAs”	16	02/04/2018 - 04/04/2018
“Opportunities Needs and Expectations of Industry “	17	10/01/2018
” CO-PO&PSO Assessment and Evaluation and Action taken Report”	17	11/11/2017
"MEMS, Machining & Manufacturing"	17	06/09/2017
MEMS-The Enablers of smart systems	17	23/08/2017
Five Day Faculty Certification Program on Finite Element Analysis using ANSYS	26	07-11-2017 to 11-07-2017
Five Day Faculty Certification Program on Computational Fluid Dynamics(CFD) using ANSYS	11	07-08-2017 to 11-08-2017
One week faculty development program on "Computational Fluid Dynamics"	3	29-04-2018 to 03-05-2018
One Week Faculty Development Program on Advances in Mechanical Engineering	3	23-10-2017 to 27-10-2017

A Short term course on Internal Combustion Engines	1	27-11-2017 to 01-12-2017
A Short Term Training Program on Recent Trends in Tribology and Surface Characterization	1	16-04-2018 to 20-04-2018
Five Day faculty Improvement program on Industrial Robotics-APPSSDC	2	23-04-2018 to 27-04-2018
Five day Faculty Improvement program on NX Design and Validation-APSSDC	1	23-04-2018 to 27-04-2018
A Five day GIAN Course on Thermal Management of Electronics	1	30-10-2017 to 03-11-2017
One Week Faculty Development Program on 3D Printing Technology in Engineering Education	1	10-07-2017 to 15-07-2017
Two day Faculty Training program on Matlab and its applications	1	08-02-2018 to 09-02-2018
National Conference on Recent Advances in Mechanical Engineering (NCRAME-17)	3	02-12-2017
24th National and 2 nd International ISHMT-ASTFE Heat and Mass Transfer Conference	1	27-12-2017 to 30-12-2017
International Conference on Advances in Materials and Manufacturing Engineering(ICAMME-2018)	1	22-01-2018 to 24-01-2018
International Conference on Engineering Materials, Metallurgy, and Manufacturing-ICEMMM-2018)	3	15-02-2018 to 16-02-2018
Three day National Workshop on Improving the teaching skills in Engineering Drawing	2	25-09-2017 to 27-09-2017
International Conference on Material Processing and Characterisation	1	16-03-2018 to 18-03-2018
International Conference on Advances in Energy Research	1	12-12-2017 to 14-12-2017
Guest Lecture MEMS and Manufacturing process	25	11-09-2017
Guest Lecture on Metal forming process	30	10-01-2018
NDT and its applications in industries	30	29-01-2018
Guest Lecture on Mechatronics	20	03-03-2018
Guest Lecture on Plasma Nitriding for precipitation hardening steels	18	03-03-2018
A pilot project on english communication skill by APSCHE & British council	9	19-06-2017 to 23-06-17 and 03-07-2017 to 07-07-2017
IPR- Patent filing	14	30-12-2017
outcome based education	14	6-06-2017 and 7-06-2017
Stress Management by Efftronics	1	25-01-2018
Logistics and Supply chain management by APSSDC	1	25-07-2017 and 26-07-2017
Entrepreneurial skills, enhancement and significance in Indian society by APSSDC	1	23-01-2018
Idea generation and Incubation awareness program by AICTE	1	20-01-2018

Research Tools and techniques for researchscholars and Faculty	1	12-04-2018 to 14-04-2018
Factors of life insurance at household level	1	29-11-2017 & 30-11-2017
Human Resource Management in Digital Age	4	24-02-2018 & 25-02-2018
Political Sciences (Advancements in Law)	2	22-10- 2017
Perpetual Transition Management- The Dimensions & Strategies	1	03-04-2018
The Dimensions of Global Meltdown- Incidence & Imapact	1	27-02-2018 & 28-02-2018
GST Accounting- The New Waves of Accounting	1	09, 2018
NPTEL- short term courses	12	july-2017 to june-2018
Trends in Agricultural Products Exports and Imports of major SAARC Countries	1	29-11-2017 & 30-11-2017
Introduction to programming in C(NPTEL)	7	24th July 2017 to 15th September 2017(8 Week Course)
Introduction to Operating Systems(NPTEL)	1	24th July 2017 to 15th September 2017(8 Week Course)
Cloud Computing(NPTEL)	2	21st August 2017 to 13th October 2017 (8 Week Course)
Boot Camp on Advanced Android Development Organized by APSSDC	1	7th 8th December2017
Learning Management System and ED-Tech tools Organized by Digital Monitoring Cell,JNTUK,Kakinada	1	22-23 December 2017
FDP on "Machine Learning and Soft Computing" Organized by E&ICT Academy ,NIT-Warangal	3	22nd - 28th January 2018
Programing ,DataStructures using c(NPTEL)	2	Feb-march2018(8 Week Course)
Problem solving through c(NPTEL)	2	Feb-march2018(8 Week Course)
Teacher Training Program organized by APSCHE and British Council	1	19/06/2017 to 23/06/2017 and 3/7/2017 to 7/7/2017
Outcome Based Education	10	6th june 2017 to 7th June 2017
A Pilot Project On English Communication Skills By APSCHE & British Council	7	19-06-2017 to 23-06-2017 And 03-07-2017 to 07-07-2017
A pilot project on English communication skill by APSCHE & British council	1	19-06-2017 to 23-06-17 and 03-07-2017 to 07-07-2017
outcome based education	6	6-06-2017 and 7-06-2017
NPTEL certification	6	January-April 2018

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

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
268	--	189	0

6.3.5 Welfare schemes for Teaching, Non-Teaching and Students

Teaching	<ul style="list-style-type: none"> ➤ EPF facility ➤ Group Health Insurance Coverage of Rs.1.00 Lakh ➤ Providing Personal loans with corporate guarantee ➤ Salary advance to the needy staff ➤ Free/Concessional Transportation ➤ Free medical facility for common ailments ➤ Medical Leave ➤ Special Leave ➤ Financial assistance to attend International Conferences/ Workshops/ FDPs/ STTPs/ Certification Programs
Non teaching	<ul style="list-style-type: none"> ➤ Plots for Construction of Houses ➤ Gratuity ➤ 50% Tuition Fee Concession for Supporting Staff Children ➤ EPF facility ➤ Health Insurance Coverage of Rs.1.00 Lakh ➤ Accident insurance policy for drivers ➤ Financial assistance to technical staff to attend industrial training programs ➤ Free Medical Facility for Common Ailments ➤ Medical Leave ➤ Special Leave ➤ Salary Advance to the Needy Staff ➤ Providing Personal loans with corporate guarantee ➤ Free uniforms for class IV employees
Students	<ul style="list-style-type: none"> ➤ Group Insurance Policy worth Rs. 1,00,000 ➤ Merit scholarships ➤ Fee concession for economically poor students ➤ Financial assistance for regular students (100% attendance) ➤ Best-Outgoing Student Award ➤ Cash incentives for students who received prizes in sports at National/University level ➤ Financial assistance to participate in sports at International level ➤ Financial Assistance to carryout project work ➤ Financial Assistance to implement innovative ideas to develop a prototype model

6.4 Financial Management and Resource Mobilization

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

In every financial year the college will conduct internal audit through departmental staff as well as external audit by the statutory Auditors. The internal financial accounting would be completed before 10th of every month considering all the previous month transactions. After completion of the monthly accounts the same accounts would be audited by the internal auditors appointed by the management. While verifying entries, if any mistakes/ short comings are identified/noticed the same could be rectified in the same month by the concerned departments. After rectifications if any, the report would be submitted by internal auditors to the Governing Body for approval. The external statutory auditors shall visit the college office twice in a year for vouching audit and submitting the final audit report.

After completion, the final statutory audit report shall be submitted to the Governing body for approval in the month of June every year. After approval, the financial accounts, documents could be used for all statutory purposes.

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

Name of the non-government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
Dr. Ramamoorthy, Former DG, CPRIB	14,20,000	Acedamic Topper
Management	14,15,000	Acedamic Toppers, 100% Attendance

6.4.2 Total corpus fund generated

6.5 Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic Audit	YES	NIT Warangal, Telangana	YES	Academic Audit Committee, LBRCE
Administrative Audit	YES	NIT Warangal, Telangana	YES	Administrative Audit Committee, LBRCE

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

A strong Parent-Teacher-Association (PTA) is functioning in our college. It helps and cooperates with the institutions in the welfare of the students and provides support for the improvement in the academic activities and infrastructural facilities.

Objectives of the association are

- To work for the welfare of Students, Teachers and for the Development of the Institution
- To foster and promote good relationship among the members of the Teaching staff, student and parent/guardians of the students
- To assist students coming from Socially and Economically backward group financially or otherwise to complete Engineering education successfully
- To promote the activities of the Training and Placement Cell and to conduct Seminars and Technical/Training programmes for the students to achieve technology-oriented skills/jobs

6.5.3 Development programmes for support staff (at least three)

Year	Title of the administrative training program organised for non-teaching staff	Dates (from-to)	No of participants (Non-teaching staff)
2017-18	A Two-day workshop on "fundamentals of MS-OFFICE"	24-11-2017 to 25-11-2017	32
2017-18	The National small Industries Corporation Ltd(Industrial Training)	27-11-2017	1
2017-18	Fundamentals of MS Office	24-11-2017 to 25-11-2017	22
2017-18	“Transducers and Measurement Lab”	05/05/2018	4
2017-18	Fundamentals of MS Office	24-11-2017 to 25-11-2017	21
2017-18	Fundamentals of MS-office	24-11-2017 to 25-11-2017	32

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

(a)Curricular Aspects

- Outcome based approach has been strengthened at LBRCE.
- Specifications of COs, CO to PO, PSOs mapping, PEOs with carefull study of every course content of UG and PG programs.

(b)Teaching-Learning and Evaluation

- Number of Ph.D holders in the campus increased from **27 in 2013 to 67 in 2018**.
- Subject allotment is made based on the competency matrix and experience of the teacher.
- Appropriate actions are taken based on attainments of the COs, POs and PSOs.
- Faculty/Students are encouraged to utilize all the available e-resources and obtain online certifications.

(c)Research and Development

- Four departments (ECE, EEE, CSE and IT) are recognized as research centres by JNTUK
- Faculty are motivated by providing the incentives

(d)Infrastructure and Learning Resources

- The internet bandwidth has been increased from 28 MBPS to 330 MBPS with Wi-Fi.
- Swayam praba, NPTEL, e-journals, Spoken Tutorials are effectively being used
- Advanced software tools ANSYS 18.1, MATLAB, NI LabVIEW and PSCAD have been purchased.

6.5.5

Submission of Data for AISHE portal : Yes
Participation in NIRF : Yes
ISO Certification : Yes
NBA or any other quality audit : Yes

6.5.6Number of Quality Initiatives undertaken during the year: 06

Year	Name of the quality initiative by IQAC	Date of conducting activity	Duration (from-to-)	Number of Participants
2017-18	Funding Avenues for Research and Development- Dr. P. Krishna Kanth, Scientist C, DST, New Delhi.	04-05-2018	04-05-2018	All Faculty
2017-18	How to Publish Research Papers in reputed SCI Journals-Dr. Swagatham Das, Assoc. Professor, Indian Statistical Institute, Calcutta.	26-04-2018	26-04-2018	All Faculty
2017-18	A Guest Lecture on "VIDHYA"	03-03-2018	03-03-2018	235
2017-18	A One Day Workshop on " Need of Academic Research in Technical Institutions "	23-02-2018	23-02-2018	265
2017-18	A One Day Workshop on "IPR-Patent filing"	30-12-2017	30-12-2017	270
2017-18	A Two-Day Workshop on "Fundamentals Of MS-Office"	24-11 -2017 & 25-11 -2017	24-11 -2017-25-11 -2017	220

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Title of the programme	Period (from-to)	Participants	
		Female	Male
Interactive session with Smt.Sadineni Yamini recipient of “UNO PEACE CONNECT” and “UNO LOGO SCARF”	06-07-17		
One-Day Seminar on “Health and Legal Issues” by Dr.Prasad Usha Prasad MD, Obstetrics and Gynaecology; LLB Siddhartha Medical College, Vijayawada	19-10-17	415	705
One-Day awareness program was organized on “Legal rights of women” by Prof.L. Jaya sree, M.L.Ph.D, P.G. Department of Legal Studies & Research, HEAD Acharya Nagarjuna University	07-10-17		917
awareness programme on “Self Defence for Girl students” by Ms.M. Sai Rekha Authorized Karate Instructor and Mr. D. Sai Kiran karate coach from KHAMMAM BUDOKAN KARATE ASSOCIATION affiliated to BUDOKAN KARATE –DO INDIA	14-12-17		150
International Women’s day Chief Guest: Mrs. Chennupati.Vidya, EX M.P	15-03-18		705
Awareness Program on Anti-Ragging and Anti-Drug	31-07-17	415	705

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources:100

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	YES	07
Provision for lift	YES	07
Ramp/ Rails	YES	07
Braille Software/facilities	NO	00
Rest Rooms	YES	07
Scribes for examination	YES	03
Special skill development for differently abled students	NO	00
Any other similar facility		

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Name of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Issues addressed	Number of participating students and staff
2017-18	1		Locational Advantage-Industrila Visit to Dr Narla Tata Rao Thermal Power Station, Ibrahimpatnam Circle, Vijayawada	27-12-2017		43
2017-18	1		Locational Advantage-Industrila Visit to Prathap Industries, Enikepadu, Vijayawada	19-12-2017		44
2017-18	1		Locational Advantage-Industrila Visit to The Krishna District Milk Producer's Mutually Aided Co-operative union limited (Milk Project), VIJAYAWADA	16-03-2018		42
2017-18	1		Locational Advantage-Industrila Visit to Pulichintala Hydro Electric Project, Nalgonda District	05-02-2018		63
2017-18	1		Locational Advantage-Industrila Visit to Pulichintala Hydro Electric Project, Nalgonda District	30-01-2018		69
2017-18	1		Locational Advantage-Industrila Visit to All India Radio, Vijayawada	15.07.2017		62
2017-18	1		Locational Advantage-Industrila Visit to Satish Dhawan Space Center, Sriharikota	14.12.2017		152
2017-18	1		Locational Advantage-Industrila Visit to National Atmospheric Research Laboratory, Tirupati	15.12.2017		152
2017-18	1		Locational Advantage-Industrila Visit to IIIT Nuzvid Research Development Center	26-08-2017		70

2017-18	1		Locational Advantage- Industrila Visit toDr.N.T.T.PS, Ibrahimpnam	30.08.2017		71
2017-18	1		Locational Advantage- Industrila Visit toPratap Industries, Enikepadu	12.12.2017		65
2017-18	1		Locational Advantage-Visit to IIIT Nuzvid Research Development Center	26-08-2017		70
2017-18	1		Locational Advantage- Industrila Visit toDr.N.T.T.PS, Ibrahimpnam	30.08.2017		71
2017-18	1		Locational Advantage- Industrila Visit toPratap Industries, Enikepadu	12.12.2017		65
2017-18	1		Locational Advantage- Industrila Visit toKrishna Engineering Works (Prakasa Spectro Cast), Enikepadu	12.12.2017		65
2017-18	1		Locational Advantage- Industrila Visit toLocational Advantage-Industrila Visit toPratap Industries, Enikepadu	13.12.2017		66
2017-18	1		Locational Advantage- Industrila Visit toKrishna Engineering Works (Prakasa Spectro Cast), Enikepadu	13.12.2017		66
2017-18	1		Locational Advantage- Industrila Visit toPratap Industries, Enikepadu	14.12.2017		67
2017-18	1		Locational Advantage- Industrila Visit toKrishna Engineering Works (Prakasa Spectro Cast), Enikepadu	14.12.2017		67
2017-18	1		Locational Advantage- Industrila Visit toKCP sugar & Industries Ltd- Vyyuru	17-03-2018		100
2017-18	1		Locational Advantage- Industrila Visit toJOCIL Pvt Ltd., - Gunture	15-07-2017		103
2017-18	1		Locational Advantage- Guest Lecture on "Geo Spatial Technologies for Engineers" by Dr K.B. Chary, CAAD Desk Team, VJA	12-07-2017		158
2017-18	1		Locational Advantage- Guest Lecture on "Information &Cyber Security" byMr.L.L. Narasimha Rao, C-DAC	06-01-18		180

2017-18	1		Locational Advantage-Internship to Airport Authority of India, Vijayawada	14-05-2018 to 06-10-2018		8
2017-18	1		Locational Advantage-Internship to Dwaraka Tirumala Constructions, Eluru	23-05-2018 to 13-06-2018		1
2017-18	1		Locational Advantage-Internship to Vallabaneni Construction, Vijayawada	14-05-2018 to 09-06-2018		2
2017-18	1		Locational Advantage-Internship to AP State Police Housing Corporation, Vijayawada	14-05-2018 to 11-06-2018		4
2017-18	1		Locational Advantage-Internship to Subrains Solutions Pvt Ltd, Mogalrajpuram, Vijayawada	07-05-2018 to 07-06-2018		20
2017-18	1		Locational Advantage-Internship to Andhra Pradesh Power Generation Corporation Limited- Dr NTPS, Ibrahimpatnam, Krishna dt	9.5.18 to 5.6.18		16
2017-18	1		Locational Advantage-Internship to Andhra Pradesh Southern Power Distribution Company Limited, Gunadala, Vijayawada, Krishna dt.	9/5/18 to 8/6/18		6
2017-18	1		Locational Advantage-Internship to Central Institute of Tool Design, Vijayawada	16.5.18 to 16.6.18		3
2017-18	1		Locational Advantage-Internship to Efftronics, Vijayawada, Krishna dt	14/5/18 to 12/6/18		2
2017-18	1		Locational Advantage-Internship to South Central Railways -Womens Welfare Organization, Vijayawada	9/5/18 to 8/6/18		27
2017-18	1		Locational Advantage-Internship to APHMEL, Kondapalli	10-05-2018 to 09-06-2018		5
2017-18	1		Locational Advantage-Internship to Kusalava INTERNATIONAL, Vijayawada	10-05-2018 to 10-06-2018		7
2017-18	1		Locational Advantage-Internship to Wagon workshop, Vijayawada	13-05-2018 to 12-06-2018		20
2017-18	1		Locational Advantage-Internship to The Krishna	27-05-2018 to 23-06-		11

			District Milk Producers Mutually Aided Co-Op Union Ltd, Vijayawada	2018		
2017-18	1		Locational Advantage-Internship to Bharath Sanchar Nigam Limited, Vijayawada	07.05.2018 to 02.06.2018		55
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	01/03/2017 To 07/03/2017		651
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	03/07/2017 To 08/07/2017		655
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	12th July,2017		653
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	10/07/2017 To 14/07/2017		665
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	09-10-2017		633
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	03/10/2017 To 05/10/2017		619
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	06-10-2017		697
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	09/10/2017 To 11/10/2017		533
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	30/11/2017 To 03/12/2017		637
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	05-03-2018 to 09-03-2018		634
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	23-04-2018 to 26-04-2018		625
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	07-05-2018 to 09-05-2018		625
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	20-02-2018 to 21-02-2018		345
2017-18	1		Locational Disadvantage-Carrer Counselling by external agencies	22-02-2018 to 23-02-2018		339
2017-18		215	Engage with and contribute to local community-Rural	Throughout the year	Water Issue	45

			Water Supply			
2017-18		48	Engage with and contribute to local community-Eye Camp	Weekly Once	Health Issue	44
2017-18		12	Engage with and contribute to local community-Monthly Pension	Every Month	Financial help for the poor and needy	45
2017-18		01	Engage with and contribute to local community-Donation books & Cloths	Once in Year	Educational Issue	42
2017-18		01	Engage with and contribute to local community	28-10-2017	ODF Survey on "Availability on Toilets" at Pondugala Village	36
2017-18		01	Engage with and contribute to local community	16-11-2017	Awareness Program on "Digital Transactions"	917
2017-18		01	Engage with and contribute to local community	15-02-2018	Awareness Program on "Energy Conservation related to Save Fuel, Save Future, Save Environment"	175
2017-18		01	Engage with and contribute to local community, Pondugala (Adopted Village)	08/03/2018	Inauguration & Awareness Program on "How to get good marks in SSC Exams"	120
2017-18		01	Engage with and contribute to local community, Pondugala (Adopted Village)	09/03/2018	Awareness Program on "Helmet Usage and Prevention of Road Accidents"	180
2017-18		01	Engage with and contribute to local community,	10/03/2018	Distribution of Exam	110

			Pondugala (Adopted Village)		Kit for X Class Students	
2017-18		01	Engage with and contribute to local community, Pondugala (Adopted Village)	11/03/2018	Pulse Polio Immunization Program-Phase2	20
2017-18		01	Engage with and contribute to local community, Pondugala (Adopted Village)	12/03/2018	Cultural Programs to MPUP School Children's-Pondugala	80
2017-18		01	Engage with and contribute to local community, Pondugala (Adopted Village)	13/03/2018	Orthopedic Camp at Ananthavaram, Pondugala Villages	65
2017-18		01	Engage with and contribute to local community, Pondugala (Adopted Village)	14/03/2018	1.Pediatric Camp for MPUP School Children's	110

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

Title	Date of Publication	Follow up (maximum 100 words each)
Code of ethics for students	04.07.2017	The code of ethics for students is meant to promote professional behaviour and academic integrity, leading to an effective learning environment that prepares graduates for meaningful professional pursuits. Students are expected to maintain the highest standards of discipline and dignified behaviour inside the campus as well as outside. They shall abide by the rules and regulations of the college and should act in such a way that maintains the dignity and prestige of the college. Code of ethics are being monitored at various levels, viz. Class teacher, student mentor, disciplinary committee, Head of the department, and Head of the institution.
Code of conduct for faculty and staff	06.07.2017	Every employee shall be governed by these rules and is liable for all consequences in the event of any breach of rules by him / her. Every employee shall maintain integrity of character, be devoted to his / her duty and be honest and impartial in his / her official dealings. An employee shall be courteous and polite in his / her dealings with the Management, Principal, other members of staff, students and with members of the public. He / she shall exhibit utmost loyalty and shall always act in the best interests of the college. Code of ethics is being monitored at various levels, viz. Head of the department, vice principal, and Principal.

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from--to--)	Number of participants
Soft skills Training covering Goal setting, Communication skills, Behavioural change, Interview skills by Professor M.L.SAI KUMAR, Institute of Public Enterprises	12-07-17	653
One-Day awareness program was organized on “Legal rights of women” by Prof.L. Jaya sree, M.L.Ph.D, P.G. Department of Legal Studies & Research, HEAD Acharya Nagarjuna University	07-10-17	1000

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

(a) Energy Conservation

- Awareness among the students and staff on energy conservation is created by displays at appropriate places.
- Switching off all the electrical utilities whenever and wherever they are not required.
- All the departments are equipped with appliances and equipment that consume low power.
- The buildings are fitted with glass windows for maximum utilization of natural light.
- The college has widespread arrangements for power distribution with a Central Substation, Control panel and Power room.

(b) Use of Renewable Energy

- Steps are being taken for the utilization of solar power in the college campus.

(c) Water Harvesting

- To minimize the wastage of water resources and to improve the water table, the rain water is led into the pond located in the campus.

(d) Check Dam Construction

- At present there is no check dam in the college premises.

(e) Efforts for Carbon neutrality

- Care is taken to restrict vehicle entry into the campus and specific parking area is allotted for faculty and students.
- The institute restricted the usage of plastic bags in the campus.
- Green campus (full of trees).

(f) Plantation/Greening Drives

- Plantation programme has been taken up by the NSS unit for increasing the Green Cover in the village.
- The NSS unit regularly conducts awareness programmes on plastic free environment in and around the village.

(g) Hazardous Waste Management and e-Waste Management

- The condemned batteries are disposed through outside agencies.
- Awareness programmes are initiated on waste management.

7.2 Best Practices

Describe at least two institutional best practices

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

<https://www.lbrce.ac.in/Best%20Practice%20sss.html>

Best Practice-I

Title: Academic and administrative procedures for quality teaching in OBE implementation

Objectives:

LBRCE focused on the following Academic and administrative procedures to ensure quality teaching.

- Guide the faculty towards better planning, teaching, and research.
- Enhance effective knowledge transfer in the classroom.
- Enhance administrative efficiency and transparency.
- Address the problems of students and make teaching more student centric.

Context:

LBRCE has focused on academic audit every month as a standard procedure in which verification is done on preparation of course handouts, teaching material, PPTs, classroom exercises, practicals, Computation of attainment levels of COs, POs and PSOs, evaluation of students in mid-semester and Semester-end examinations. Audit form proforma is available in institute website in IQAC section.

Practice:

- Every month academic audit is performed for each department with two auditors from other departments.
- After the audit the corrective actions taken by the department are also recorded.
- This academic audit resulted in the following advantages.
 - ✓ SMS facility has been introduced for intimating the shortage of attendance to the Parents.
 - ✓ The facility has also helped in giving a quick update to the students.
 - ✓ Remedial and bridge classes are conducted for academically weak students.
 - ✓ Guidance for competitive examinations is scheduled for advanced learners.
 - ✓ Faculty development programs are conducted to incorporate latest technology and innovative methods in teaching techniques and learning processes.
 - ✓ Faculty is also motivated to use ICT tools extensively.
 - ✓ Workshops and certification programs on learning skills, communication and latest technologies for students are made part of department calendar of events.

- ✓ To organize the certification programs and workshops, CM's Skill Excellence Centre by Andhra Pradesh State Skill Development Corporation (APSSDC), ANSYS Skill Development Centre, Remote Centre - IIT Bombay - NME-ICT, Swayamprabha – NME-ICT and NPTEL Local chapter are established.
- ✓ To promote the research culture among the students Centre for Innovation, Incubation and Entrepreneurship (CIIE) is established.
- ✓ In addition to these, industrial visits are planned regularly and Internship is introduced during pre-final year and final year semester break to improve the industry-institute interaction.
- ✓ To improve the problem solving and self learning skills of the students, Problem Assisted Learning (PAL) and Problem Based Learning (PBL), Mini Project and Technical Seminar are included in the curriculum.
- ✓ Personality development programs and soft skill development classes are organized from time to time to improve soft skills of the students.
- ✓ With all these practices the OBE implementation has been strengthened very effectively.

Evidence of Success:

Overall student satisfaction has been improved. The **Student Satisfaction Survey** on the Teaching-Learning is at a level of **3.45 on 4-point scale**. Faculty are better prepared for the classes and more focused on the delivery. More intellectual activities are being planned and faculty time and energy are saved because of better organization and planning. The number of workshops, certification programs and FDPs conducted are given below.

Activity	Number	No. of Students/ Faculty benefitted
Workshops	21	1720
Certification programs	33	1108
Industrial Visits	21	1661
Guest Lectures	20	2358
FDPs	13	268
Online Certification Programs (NPTEL)-Faculty		231
Online Certification Programs (NPTEL)-Students		745

LBRCE NPTEL Local chapter has been recognized with a rating of

- ✓ 'AAA' (Top 10 among all Local Chapters in INDIA) Grade during the period Jan 2018 –April 2018
- ✓ 'AA' (Top 50 among all Local Chapters in INDIA) Grade during the period June 2017 –December 2017

Some of the achievements of our students are listed below:

Innovations	02 Students got Incubation offers - Green Bike & Plastic Waste Management under Startup India Andhra Pradesh Yatra programme.
Prathibha Awards (A.P. State Govt.)	13 (ASE:01, CIVIL:03, CSE:01, EEE:02, MECH:03, IT:02, MBA:01)
Research Fellowships	03 – Indian Academy of Sciences (IASc), Summer Research Fellowships IITB (02), NGRI (01)
Sports & Games	Secured FIRST place in Kabbadi, Student Olympic Games 2018, MALAYSIA during 22 nd to 26 th January, 2018.
Extension Activities	M.Kiranmai, represented Republic Day Parade, New Delhi
	J. Swapna, represented Republic Day Parade, Amaravati, A.P.

Problems Encountered and Resources Required

Acceptance for procedural changes is more than 95% by the faculty. However, adopting to the changes is observed to be slow. Changes have been welcomed by most of the faculty members. Resources required to overcome this problem are internet and computer facility for all faculty members and availability of smart classrooms.

Best Practice-II

Title of the Practice: Employability Enhancement

Goal:

Every Institution's track record with respect to placements is always a parameter strongly considered by Parents before seeking the admission. Accordingly, our institute has taken the task of employability enhancement right from the inception and specific practises are implemented in our institute. The objective is to make our students employable immediately after graduation.

The Context:

It is necessary that the student attains requisite knowledge in his/her branch of engineering as well as possesses adequate soft skills and programming ability to become employable. We focused on all these three aspects to achieve this goal.

The Practice:

To impart the requisite technical knowledge, the following practices are adopted:

- The important technical aspects are emphasized by every teacher in the class room.
- Guest lectures and training programs are arranged for a good number of core subjects in every branch of engineering.
- Certification programs and trainings are arranged for specific subjects.

For providing adequate soft skills, the following methods are adopted:

- A separate department for Communication and Soft Skills (Centre for Career Guidance and Training, CCGT) has been established with suitable and experienced experts.
- The centre has designed specific practices spread through the last four semesters as part of the curriculum. Chosen training programs by external experts are arranged.
- For providing adequate programming ability a number of programming exercises are conducted by the internal faculty trained by E-BOX in problem solving skills.
- Certification programs by external agencies are also arranged through Skill Development Centers established in the institute.

Evidence of Success:

Number of students placed in the A.Y 2016-17 is 382 where as it is improved in the A.Y 2017- 18 to 555.

Problems Encountered and Resources Required:

The expected level of focus by the students on the arranged training programs is not attained due to intellectual capabilities of students and economic reasons as well as the availability of time. The CCGT needs to be strengthened along with effective teaching learning process. More number of guest lectures by industrial experts is to be conducted.

7.3 Institutional Distinctiveness

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

To create the technologically vibrant ambience in the college, the following actions have been taken.

LBRCE has been started with a modest intake of 180 students across four engineering programs in B.Tech, namely ECE, CSE, EEE and Mechanical Engineering. LBRCE, in less than 2 decades, it has grown into an institution of gigantic proportions with massive infrastructure, besides the multitude of students, faculty & staff. At present, eight (08) B.Tech programmes CSE, IT, ECE, EEE, Mechanical Engineering, CE, Aerospace Engineering & EIE, four (04) M.Tech programmes in Computer Science and Engineering, Thermal Engineering, Power Electronics and Drives & Systems and Signal Processing, in addition to MBA and MCA programmes are being offered.

Curriculum design has been made in 2010, 2011, 2014 and 2017 with prime focus on industry requirements, latest technology. LBRCE has got an “Autonomous status” in the year 2010 and has made changes in the curriculum resulting in R10, R11, R14 and R17 regulations. The main focuses were made on industry requirements, latest technologies and seriously attempted bridging the gap between academia and industry in all programs offered. Stake holders of the institute (Industry personal, Alumni, Employers, Students and Parents) and senior faculty members from the institute as well as the University faculty nominee are the part of Board of Studies (BoS) to design the new curriculum every time. The same procedure with experts from IITs in BoS is continuing to make the student industry ready.

In the view of institute’s vision, individual departments are encouraged to impart the new technologies in the respective fields of engineering to all the students. At the same time, there are various innovative labs that have been initiated in the respective departments.

(a) The following labs/centres also help to provide scientific temper and cultivate research aptitude in the faculty as well as students:

- National MEMS Design Center in association with IISc under NPMASS
- E YANTRA LAB in association with IITB, Bombay
- NI LabVIEW-Center of Excellence
- Green Energy Technology Centre (GETC)
- CISCO Networking Academy
- ANSYS Skill Development Centre

(b) Centre for Innovation, Incubation and Entrepreneurship (CIIE) has been started at LBRCE recently. The objectives of this centre are to

- Create a large talent pool through Modular Employability Skills in various technical and managerial domains for ensuring quality in delivery Organize domain-specific awareness and training modules at regular intervals to cater to the needs of the youth from diverse backgrounds Encourage students on idea generation, incubation and prototype design.
- Provide a platform for exhibiting innovative ideas, incubation of ideas and prototypes etc.,

(c) LBRCE recognised as NPTEL local chapter and rating has been increased from grade AA to AAA in the A.Y:2017-18 with active participation from faculty and students.

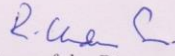
8. Future Plans of action for next academic year (500 words)

The future plans for the A.Y:2018-19 are given below.

- Establishing departmental technical clubs and magazines.
- Continuing "best library user award".
- Continuing External Academic and Administrative Audit.
- Undertaking funded R&D Major Projects and consultancy.
- Increasing the number of journal and conference publications.
- Planning to expand operations geographically as well as functionally into the areas of skill development, with an aim of serving the needs of the industry and the Nation.
- Strengthening the alumni association and its activities.
- Planning to introduce more certification programs, short term courses, workshops and many such teaching-learning activities in tune with the institute Mission.
- Enhancing English Communication Skills and Programming Skills of students.
- Conducting National conferences and one International Conference.
- Improving the security & discipline in the campus.
- Encouraging faculty to apply for financial assistance from the funding authorities for organizing Seminars/ Conferences/ Workshops and research projects.
- Analysing the quality of Mid and End semester examination question papers by IQAC.

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Name: *Dr.K.Appa Rao*


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