# ANNUAL REPORT

## *FOR THE ACADEMIC YEAR 2018-19*





## BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated to JNTUH & Approved by AICTE)
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy (District), Telangana-501510

# Vision

To achieve the Autonomous & University status and spread universal education by inculcating discipline, character and knowledge into the young minds and mould them into enlightened citizens.

# Mission

To impart high quality education, in a conducive ambience, as comprehensive as possible, with the support of all the modern technologies and make the students acquire the ability and passion to work wisely, creatively and effectively for the betterment of our society.

# Quality  Policy

Bharat Institute of Engineering & Technology (BIET), is engaged in imparting quality "Education and Training" in the field of "Engineering and Technology". It aims to be an Institute of Excellence in Technical Education through continual improvement. The institute facilitates faculty and staff to work as a team and update their knowledge and skill to match the industrial and technological development.

# *Hall Marks of BIET*

- BIET boasts of well experienced and highly qualified faculty, state-of-the-art infrastructure, regular placements and well equipped laboratories. The institute has eminent professors from renowned organizations like DRDO, DRDL, DLRL, RCI, BDL, BHEL, ECIL, JNTU, OU, IITS etc.

- To evolve as a University offering programs of relevance in emerging areas of technology.

- The BIET family is committed to the mission and philosophy of the institute, making leaders in the field of science & technology and management, through hard work, honesty and team spirit.

- Develop a campus which promotes higher learning and research.

- Foster a harmonious, cordial and tripartite relationship among the Management, Faculty and Students.

- Encouragement of creative project works in under graduate and post graduate programs.

- Encouragement to take up research & development and consultancy work.

- Professional societies, students' chapters of professional bodies, clubs like cultural clubs, literary clubs, art clubs, sports & games clubs, technical clubs and other clubs encourage co-curricular and extra-curricular activities. They are owned and managed by student representatives and are monitored by the faculty in-charge.

- The institute follows continuous evaluation system of students like regular class tests, mock tests, assignments, mid-term examinations, slip tests, seminars, quizzes and laboratory tests.

- Resourceful in giving inputs for overseas education and training the students for making them industry ready.

- Participation in community development programs under NSS like Cloths distribution, Blood Donation camps and so on.

# *Core Values of BIET*

**1. Academic Excellence**

Institute strives for the uncompromising quality and highest standard of excellence in teaching, learning and research across various disciplines.

**2. Integrity and Ethics**

Institute upholds the highest ethical values, integrity and professionalism and an unwavering commitment to academic freedom, transparency and accountability.

**3. Diversity and Mutual Respect**

Institute nurtures an environment of safety, trust & mutual respect and embeds equality & diversity in its Strategy by ensuring that the strategic plans are fair and inclusive.

**4. Expand horizons of Knowledge**

Institute is driven by research and innovation and ensures continuous engagement in the scholarly activities in the pursuit of innovation, creativity and excellence.

**5. Shared governance**

Institute encourages shared decision making through a process that rests upon collaborative consultation, open flow of information, diverse involvement and collective deliberations of all stake holders.

**6. Social responsibility**

Institute creates and nurtures an inclusive environment where everyone can develop their full potential and contribute to the interest of the society as a whole.

**7. Environmental responsibility**

Institute is acutely aware of its environmental responsibilities and embraces principle of sustainable development to ensure that any adverse environmental impact of its activities is minimized.

**8. Service**

Institute seeks to serve the diverse, personal and professional development needs of its constituents and encourage habit of engagement, caring, and civic responsibility by emphasizing a connect between service, excellence, and career growth.

# BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to JNTUH & Approved by AICTE)

Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy (District), Telangana-501510

## ANNUAL REPORT FOR THE ACADEMIC YEAR 2018-19

Bharat Institute of Engineering and Technology (BIET), established in 2001, is a self-financed institution, affiliated to Jawaharlal Nehru Technological University Hyderabad (JNTUH) and offers the following courses:

### 4- Year Undergraduate Programmes in

- Electronics and Communication Engineering
- Computer Science and Engineering
- Information Technology
- Electrical and Electronics Engineering
- Mechanical Engineering
- Civil Engineering

### 2- Year M.Tech Programmes (full time 4 semesters) in

- Computer Science and Engineering
- Wireless Technology
- VLSI
- Embedded Systems
- Electrical Power Engineering
- Power Electronics and Electric Drives (PEED)
- CAD / CAM
- Structural Engineering

### 2- Year Postgraduate Programme in

- Masters in Business Administration(MBA)

The four Undergraduate Engineering Programmes Mechanical Engineering, Electrical & Electronics Engineering, Computer Science & Engineering, and Electronics & Communication Engineering that are being offered by our Institute got accredited by the National Board of Accreditation (NBA) for three academic years 2019-2020 to 2021-2022, i.e. Up to 30-06-2022.

## INFRASTRUCTURE:

Bharat Institute of Engineering and Technology, in its constant pursuit of offering quality education, has created excellent infrastructural facilities with a total built up area of 48,718 Sq. Meters. The Institute constructed Multi-Purpose Academic Complex with a built area of 5, 00,000 sft.

There are around 1315 systems are networked through LAN. 300 MBPS Lease line internet connectivity allows students and staff to access Internet from anywhere in the campus. Wi-Fi internet connectivity has been provided in some common areas.

## INSTITUTE ACHIEVEMENTS/RECOGNITION:

- The Institute is approved by All India Council for Technical Education (AICTE), New Delhi.
- The Institute is affiliated to Jawaharlal Nehru Technological University Hyderabad (JNTUH), Hyderabad.
- BIET has been recognized under Section 2(f) of the UGC Act, 1956, dated 20th June 2017 by University Grants Commission, New Delhi.
- Accredited by NAAC with a CGPA of 2.53 on a seven point scale at B+ Grade valid for a period of five years from 02/11/2018.
- The four UG programmes Electronics & Communication Engg, Computer Science & Engg, Electrical & Electronics Engg and Mechanical Engg are Accredited by NBA for 3 years for the academic years 2019-20, 2020-21, 2021-22 i.e., up to 30-06-2022.
- ISO 9001: 2015 Certified for 3 years from the academic year 2018-19.
- Empanelled in MHRDs 'Institution's Innovation Council (IICs)' from 2018-2019.
- Empanelled in IITB, Bombay Remoter Centre from 2018-2019
- Empanelled in PM-YUVA Yojana (Pradhan Mantri Yuva Udyamita Vikas Abhiyan) to create an enabling ecosystem for Entrepreneurship Development from 2016-2017.
- Empanelled in Unnat Bharat Abhiyan (UBA) from 2017-2018.
- BIET NSS CELL Placed in "ASIAN RECORD BOOK" for organizing ECO FRIENDLY GANESH IMMERSION ON 18TH SEPTEMBER 2018.
- "TOP PERFORMING COLLEGE" Award out of 1200 Colleges across INDIA from IBM TGMC: 2015 Contest (The Great Mind Challenge).
- "ACTIVE LOCAL CHAPTER" Award from SWAYAM-NPTEL for JUL-DEC 2017, JAN-JUN 2018, JUL-OCT 2018, JAN-APR 2019 and JUL-OCT 2019.

## NPTEL Courses:

To reinforce the technical knowledge of the students, institute has included National Project on Technology Enabled Learning (NPTEL) courses developed by IITs and IISc as part of regular timetable for our students.

### LIBRARY:

The institute has a spacious and well-stacked library with sufficient number of titles (16,641) and volumes (64,407) and with good reprographic facilities. Further, the institute subscribes to print versions of 172 Print Journals; 4000+ e-Journals and 500+ E-Books.

## FACULTY:

The Institute has 249 highly qualified and experienced faculty members including 44 teachers with Ph.D qualification 205 with postgraduate qualifications. Presently 40 faculty members are pursuing Ph.D programme.

## FACULTY ACHIEVEMENTS:

Around 56 research papers were published in reputed journals (UGC Listed Journals) and 59 research papers were published in reputed Books/Book chapters/Conferences by our faculty during 2018-19. The College also encourages faculty to upgrade their qualifications while in service by providing assistance in the form of academic leave, reduction in their class work etc.

- Around 43 National Seminars/Conferences/Workshops/Guest lectures were conducted by all the departments during the academic year 2018-19.
- More than 80% of faculty members were deputed to attend Seminars/Conferences/ Workshops/Guest Lectures conducted various reputed institutions.

## STUDENTS' ACHIEVEMENTS:

## ACADEMIC:

Our institute is affiliated to the Jawaharlal Nehru technological University Hyderabad (JNTUH) and our students have been doing very well in the university examinations. Results during academic year 2018-19 are:

| Program Code | Program Name | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass percentage (%) |
|---|---|---|---|---|
| 1 | B.Tech CE | 81 | 64 | 79.01 |
| 2 | B.Tech EE | 115 | 91 | 79.13 |
| 3 | B.Tech ME | 77 | 70 | 90.91 |
| 4 | B.Tech ECE | 160 | 147 | 91.88 |
| 5 | B.Tech CSE | 218 | 198 | 90.83 |
| 12 | B.Tech IT | 41 | 34 | 82.93 |
| 4 | M.Tech CAD CAM | 6 | 6 | 100.00 |
| 49 | M.Tech EPE | 9 | 9 | 100.00 |
| 57 | M.Tech VLSI | 10 | 10 | 100.00 |
| 58 | M.Tech CSE | 7 | 7 | 100.00 |
| E0 | MBA | 58 | 25 | 43.10 |
| | | | **Average Pass %** | **87.07** |

# ACADEMIC TOPPERS
## Batch: 2015-2019
## COLLEGE OVERALL TOPPERS

| S. No. | HT. No. | Name | Percentage |
|--------|---------|------|------------|
| 1 | 15E11A0111 | Atiavathali Abilash Reddy | 81.52 |
| 2 | 15E11A05G3 | Nannuri Harishma Reddy | 80.21 |
| 3 | 15E11A04D3 | Kota Shravya | 78.1 |
| 4 | 15E11A0312 | Gattupalli Jagadeesh Reddy | 77.14 |
| 5 | 15E11A0507 | Bekkari Akshitha | 76.23 |

## DEPARTMENT WISE TOPPERS

### CSE

| S.No. | H.T.No. | Name | Percentage |
|-------|---------|------|------------|
| 1 | 15E11A05G3 | Nannuri Harishma Reddy | 80.21 |
| 2 | 15E11A0507 | Bekkari Akshitha | 76.23 |
| 3 | 15E11A05D6 | Govind Deepak Kumar Maheshwari | 74.8 |

### ECE

| S.No. | H.T.No. | Name | Percentage |
|-------|---------|------|------------|
| 1 | 15E11A04D3 | Kota Shravya | 78.1 |
| 2 | 15E11A04C7 | Gangula Sravani Reddy | 74.88 |
| 3 | 15E11A0490 | Naguri Pravalika | 74.76 |
| 4 | 15E11A0467 | Chamkura Hasmitha Reddy | 74.7 |

### IT

| S.No. | H.T.No. | Name | Percentage |
|-------|---------|------|------------|
| 1 | 15E11A1228 | Perumalla Yashaswini | 75.1 |

### EEE

| S.No. | H.T.No. | Name | Percentage |
|-------|---------|------|------------|
| 1 | 15E11A0287 | Neravetla Divya | 74.17 |
| 2 | 16E15A0230 | Pasunoori Sriharsha | 73.2 |
| 3 | 15E11A0202 | Alla Chandana | 71.83 |
| 4 | 16E15A0240 | Gadikoppula Srikanth | 71.32 |

## MECHANICAL

| S.No. | H.T.No. | Name | Percentage |
|---|---|---|---|
| 1 | 15E11A0312 | Gattupalli Jagadeesh Reddy | 77.14 |
| 2 | 15E11A0301 | Poondru Saatwika | 71.73 |

## CIVIL

| S.No. | H.T.No. | Name | Percentage |
|---|---|---|---|
| 1 | 15E11A0111 | Atiavathali Abilash Reddy | 81.52 |
| 2 | 15E11A0114 | Booma Prudhvi | 71.66 |
| 3 | 15E11A0103 | Donda Tejasri | 70.93 |

# BEST PROJECT AWARDS:

## 2018-2019
### CSE-A

| S. No. | Roll No. | Project Title | Name of Supervisor |
|---|---|---|---|
| 1 | 15E11A0507<br>15E11A0560<br>15E11A0545<br>15E11A0503<br>15E11A0558<br>15E11A0538<br>15E11A0501 | High Performance Network Intrusion Detection Engine | Dr. R. Madana Mohana<br>Associate Professor |
| 2 | 15E11A0511<br>15E11A0546<br>15E11A0539<br>15E11A0523 | Malware Detection Using Machine Learning | Dr. J. R. V. Jeny<br>Associate Professor |
| 3 | 15E11A0534<br>15E11A0533<br>15E11A0517<br>15E11A0522<br>15E11A0526<br>15E11A0543<br>15E11A0531 | Data Security Assistance for Mobile Cloud Computing | Mrs. Sudeshana<br>Assistant Professor |

## 2018-2019
## CSE-B

| S. No. | Roll No. | Project Title | Name of Supervisor |
|---|---|---|---|
| 1 | 15E11A05B2 | Monitoring And Controlling Robot using Rasberry Pi | Ms. Farhana Bano Assistant Professor |
| | 15E11A0582 | | |
| | 15E11A0575 | | |
| | 15E11A05A7 | | |
| | 15E11A0585 | | |
| | 15E11A0598 | | |
| | 15E11A0595 | | |
| 2 | 15E11A0583 | Fall Detection For Elders Using Wearable Device | Dr. J. R. V. Jeny Associate Professor |
| | 15E11A0571 | | |
| | 15E11A0561 | | |
| | 15E11A0572 | | |
| | 15E11A05B9 | | |
| 3 | 15E11A05B8 | Secure Sharing of Personal Health Record | Mrs. N ArunaJyothi Assistant Professor |
| | 15E11A05B6 | | |
| | 15E11A05A4 | | |
| | 15E11A0590 | | |

## 2018-2019
## CSE-C

| S. No. | Roll No. | Project Title | Name of Supervisor |
|---|---|---|---|
| 1 | 15E11A05G3 | Lung Cancer Diagnosis Using NN CLASSIFIER | Dr. R. Madana Mohana Associate Professor |
| | 15E11A05C7 | | |
| | 15E11A05G7 | | |
| | 15E11A05D2 | | |
| | 15E11A05E4 | | |
| 2 | 15E11A05D6 | Analysis of Classification performance of data set on various data mining tools | Mr. V. Satyanarayana Associate Professor |
| | 15E11A05G1 | | |
| | 15E11A05D7 | | |
| | 15E11A05G2 | | |
| 3 | 15E11A05D9 | Agricultural Soil Monitoring | Mubeena Begum Assistant Professor |
| | 15E11A05F0 | | |
| | 15E11A05F9 | | |
| | 15E11A05D4 | | |

## 2018-2019

## CSE-D

| S. No. | Roll No. | Project Title | Name of Supervisor |
|--------|----------|---------------|--------------------|
| 1 | 15E11A05I6<br>15E11A05M7<br>15E11A05M1<br>15E11A05L9<br>15E11A05M2 | Frequent Item sets Mining With Differential Privacy For Log Scale Data | Dr. P. Velmurugan<br>Associate Professor |
| 2 | 15E11A05L5<br>15E11A05J2<br>15E11A05N7<br>15E11A05K0 | Achieving Data Truthfulness And Privacy Preservation In Data Market | Mrs. K. S. Parimala<br>Assistant Professor |
| 3 | 15E11A05N8<br>15E11A05M5<br>15E11A05K6<br>15E11A05N9 | DROPS: Division And Replication Of Data In Cloud For Opt Performance And Security | Mrs. Umashankari<br>Assistant Professor |

## 2018-2019

## ECE

| Batch No | Name of the Student | Roll Number | Title of The Project | IN-HOUSE/INDUSTRY |
|----------|---------------------|-------------|----------------------|-------------------|
| ECE15MPA12 | N. MANISH REDDY | 15E11A0431 | Wireless sensor network based surveillance | INDUSTRY(RCI) |
| | P. TEJENDRA | 15E11A0442 | | |
| | V. SAIVINEETH KUMAR | 15E11A0448 | | |
| | L. SANDEEP | 15E11A0455 | | |
| ECE15MPB3 | B.SWATHI | 15E11A0465 | Design and Implementation n of 4-Bit Arithmetic and Logic Unit using Mentor graphics EDA Tool | IN-HOUSE |
| | R.NAVYA | 15E11A04A9 | | |
| | N.SONY | 15E11A0492 | | |
| ECE15MPB1 1 | KASULA RAJASHEKAR REDDY | 15E11A0484 | Smart Irrigation System Using IOT | IN-HOUSE |
| | VUPPARI MARUTHI | 15E11A04A3 | | |
| | N. SAINATH GOUD | 15E11A0491 | | |
| | T. VAISHNAVI | 15E11A04A0 | | |
| | U.NIKHILA SRAVANI | 15E11A04B1 | | |
| ECE15MPC4 | SHAIK BASHEERA | 15E11A04G7 | IOT Wi-Fi& Blue Tooth Based Led Text Scrolling Display | INDUSTRY(DRDL) |
| | MEGHASHYAM NALLAPU | 15E11A04G5 | | |
| | JONNALA SUSHMA REDDY | 16E15A0402 | | |

## 2018-2019

## EEE

| S. No. | Name of the Student | Roll Number | Title of The Project |
|---|---|---|---|
| 1 | R. VINEETH | 15E11A0294 | MPPT of Solar PV System |
| | ABDUL ALEEM | 16E15A0221 | |
| | Y. VAISHNAVI | 15E11A02A0 | |
| | S. HARIKRISHNA | 16E15A0221 | |
| 2 | G.SAI DEEPAK REDDY | 15E11A0222 | Driving a Motor with the help of Solar PV Panel |
| | A.CHANDANA | 15E11A0202 | |
| | M.AMARENDER REDDY | 15E11A0234 | |
| 3 | M.NARESH KUMAR | 15E11A0235 | Smart Solar Agriculture Sprayer |
| | V SURENDHAR REDDY | 16E15A0236 | |
| | K.SAI KIRAN GOUD | 15E11A0224 | |
| | B.SAI ABHINAV | 15E11A0209 | |
| 4 | M. VAIBHAV | 16E15A0228 | Design and Implementation of 1kW solar tree |
| | V. DIGNA | 16E15A0218 | |
| | K. SRAVAN KUMAR | 15E11A0273 | |
| 5 | B. PAVAN | 16E15A0223 | Design And Development Of IoT Based Solar Powered Versatile Moving Robot For Military Application |
| | C. MITHRA SRI MUVVA | 16E15A0222 | |
| | K. SAINATH | 15E11A0272 | |
| | V. ANVESH | 15E11A0299 | |

## 2018-2019

## MECHANICAL

| S. No. | Roll No. | Student Name | Project Title | Project Guide |
|---|---|---|---|---|
| 1 | 14E11A0309 | B.SANTOSH KUMAR | DESIGN AND DEVELOPMENT OF SOLAR POWERED SEED SOWING MACHINE | Dr. J. S. SONI |
| | 14E11A0311 | B.KALYAN KUMAR | | |
| | 14E11A0317 | D.NARESH | | |
| 2 | 14E11A0316 | CHINTHIREDDY KRISHNA REDDY | DESIGN AND DEVELOPMENT OF MANUAL PELLETIZATION PLAN FOR PRODUCTION OF PELLETS FROM FOREST WASTE | Dr. J. S. SONI |
| | 14E11A0342 | MYNEEDI VENKATA SAI RAM | | |
| | 14E11A0326 | KASINEEDI MANI KUMAR | | |
| | 14E11A0341 | MUDHI REDDY THARUN KUMAR REDDY | | |
| 3 | 14E11A0328 | KEMISETTY MALLIKARJUN | DESIGN AND DEVELOPMENT OF SOLAR POWERED REMOTE WITH GPS CONTROOLED LAND MINE DETECTING ROBOT | Dr. J. S. SONI |
| | 14E11A0312 | BOLLAM RAHUL | | |
| | 14E11A0324 | KALWA CHANDRA SHEKAR REDDY | | |
| | 14E11A0315 | CHINTHA ANEESHCHANDRA | | |
| 4 | 14E11A0306 | ASHALA SRIHARSHA | DEVELOPMENT OF SOLAR POWERED MINI RICE MILL | Dr. J. S. SONI |
| | 14E11A0322 | JAKKULA PRASHANTH | | |
| | 13E11A0308 | RISHIKESH | | |
| | 14E11A0327 | KATKAM PREETHAM REDDY | | |

# ENTREPRENEURSHIP DEVELOPMENT CELL:

## ENTREPRENEURSHIP INITIATIVES:

- The institute Empanelled in MHRDs 'Institution's Innovation Council (IICs)' from 2018-2019
- Empanelled in PM-YUVA Yojana(Pradhan Mantri Yuva Udyamita Vikas Abhiyan) to create an enabling ecosystem for Entrepreneurship Development through entrepreneurship education and training
- Empanelled in Unnat Bharat Abhiyan (UBA), Centre for Rural Development and Technology to build an understanding of the development agenda within institutes of Higher Education and an institutional capacity and training relevant to national needs, especially those of rural India
- Empanelled as a Partner Indian School of Business - Technical Entrepreneur Program (ISB - TEP) by ISB for over a period of one year from 2018-2019

## ENTREPRENEURSHIP ACTIVITIES CONDUCTED:

- MHRD Innovation Cell- IIC Live Session on 21/04/2019: India First Leadership Talk Series on "Future of Technical Education in India" by Prof. Anil D Sahasrabudhe, Chairman, ACITE
- MHRD Innovation Cell- IIC Live Session on 19/03/2019: India First Leadership Talk Series on "Art of Decision Making" by Shri Ajit Doval, NSA, Govt. of India
- Seminar on "Trends in IOT Quessense University Program" on 22/02/2019in associate with Redpine Signal Inc. organized by Institution Industry Collaboration Committee(IICC) Cell, BIET.
- MHRD Innovation Cell- IIC Live Session on 24/01/2019: India First Leadership Talk Series on "Talk on Planning for Career" by Dr. Anand Deshpande, Founder, Chairman and Managing Director of Persistent Systems Ltd.
- Workshop on "CONGNITIVE SKILLS, DESIGN THINKING AND CRITICAL THINKING" on 19/01/2019 Organized by Institution's Innovation Council (IIC) of BIET.
- Seminar on "Entrepreneurship Development" on 8/1/2019, by Prof. M.L. Sai kumar, Institute of Public Enterprise, Hyderabad.
- MHRD Innovation Cell- IIC Live Session on 8/1/2019: India First Leadership Talk Series on "How to deal with failure" by Shri Anand Mahindra, Chairman, Mahindra Group.
- Motivational Workshop on "Entrepreneurship" on 26/7/2018.

## PROFESSIONAL DEVELOPMENT /ADMINISTRATIVE TRAININGPROGRAMS ORGANIZED BY THE INSTITUTION FOR TEACHING AND NON TEACHING STAFF

| Sl No | Dates (from-to) (DD-MM-YYYY) | Title of the professional development program organized for teaching staff | Title of the administrative training program organized for non-teaching staff | No. of participants |
|---|---|---|---|---|
| 1 | 15.05.2019 to 26.06.2019 | Training Program on python through Internshala | | 20 |
| 2 | 01.04.2019 to 05.04.2019 | Training on Practical applications on FPGA SOC | | 42 |
| 3 | 07.03.2019 to 11.03.2019 | Training on Cyber Security | | 49 |

| | | | | |
|---|---|---|---|---|
| 4 | 11.03.2019 To 16.03.2019 | One week short term training program (sttp) for integration and controlof embedded electrical system with lab view software | | 35 |
| 5 | 25.03.2019 to 29.03.2019 | Workshop on the role of students for the progress of our country and concept ofservices | | 20 |
| 6 | 11.03.2019  To 16.03.2019 | Training on Basics of missile Control System | | 20 |
| 7 | 11.02.2019 to 15.02.2019 | Training on Advance Manufacturing Processes | | 25 |
| 8 | 15.02.2019 to 19.02.2019 | Training on gender sensitization | | 48 |
| 9 | 16.02.2019 to 21.02.2019 | Training on "Modern technologies in Indian railways" | | 35 |
| 10 | 18.02.2019 to 22.02.2019 | Training on Advanced Welding processing | | 25 |
| 11 | 25.02.2019 to 01.03.2019 | Training on Advanced Non Destructive Testing Methods | | 25 |
| 12 | 05.01.2019 to 09.01.2019 | Program on 'REAL TIME POWER QUALITY ASSESSMENT & ENERGY AUDIT' | | 36 |
| 13 | 07.01.2019 to 11.01.2019 | Training Program on cognitive skills | | 60 |
| 14 | 09.01.2019 to 13.01.2019 | Training Program on antennas for phased array Radars | | 45 |
| 15 | 21.01.2019 to 25.01.2019 | Training Program on Digital Image processing | | 42 |
| 16 | 28.01.2019 to 01.02.2019 | AICTE recognized short term course on Digital System Design through ICT | | 40 |
| 17 | 31.01.2019 to 01.02.2019 | Workshop on research methodology | | 150 |
| 18 | 05.12.2018 To 11.12.2018 | Training Program on EDUCATIONAL, LEARNING AND RESERACH SOURCES | Training Program EDUCATIONAL, LEARNING AND RESERACH SOURCES | 170 |
| 19 | 10.12.2018 to 14.12.2018 | | Training Program on Lab Safety And Maintenance | 15 |
| 20 | 12.11.2018 to 16.11.2018 | Training Program on applications of GPS | | 25 |
| 21 | 04.10.2018 to 08.10.2018 | Training Program on unconventional machining process | | 33 |
| 22 | 14.09.2018 to 18.09.2018 | Training Program on quality engineering in production | | 33 |

| | | | | |
|---|---|---|---|---|
| 4 | 11.03.2019 to 16.03.2019 | One week short term training programme (sttp) for integration and control of embedded electrical system with lab view software | | 35 |
| 5 | 25.03.2019 to 29.03.2019 | Workshop on the role of students for the progress of our country and concept of services | | 20 |
| 6 | 11.03.2019 to 16.03.2019 | Workshop on Basics of Missile Control System | | 20 |
| 7 | 11.02.2019 to 15.02.2019 | Workshop on Advance Manufacturing Processes | | 25 |
| 8 | 15.02.2019 to 19.02.2019 | Workshop on gender sensitization | | 48 |
| 9 | 16.02.2019 to 21.02.2019 | Workshop on "Modern technologies in indian railways" | | 35 |
| 10 | 18.02.2019 to 22.02.2019 | Workshop on Advanced welding processing | | 25 |
| 11 | 25.02.2019 to 01.03.2019 | Workshop on Advanced Non Destructive Testing Methods | | 25 |
| 12 | 05.01.2019 to 09.01.2019 | Workshop on 'REAL TIME POWER QUALITY ASSESSMENT &ENERGYAUDIT' | | 36 |
| 13 | 07.01.2019 to 11.01.2019 | Workshop on cognitive Skills | | 60 |
| 14 | 09.01.2019 to 13.01.2019 | Workshop on antennas for Phased array Radars | | 45 |
| 15 | 21.01.2019 to 25.01.2019 | Workshop on Digital Image Processing | | 42 |
| 16 | 28.01.2019 to 01.02.2019 | AICTE recognized short term course on Digital System Design through ICT | | 40 |
| 17 | 31.01.2019 to 01.02.2019 | Workshop on research methodology | | 150 |
| 18 | 05.12.2018 to 11.12.2018 | Workshop on EDUCATIONAL, LEARNINGAND RESERACHSOURCES | | 170 |
| 19 | 10.12.2018 to 14.12.2018 | Workshop on Lab Safety And Maintenance | | 5 |
| 20 | 12.11.2018 to 16.11.2018 | Workshop on applications Of GPS | | 25 |
| 21 | 04.10.2018 to 08.10.2018 | Workshop on unconventional machining process | | 33 |
| 22 | 14.09.2018 to 18.09.2018 | Workshop on quality Engineering in production | | 33 |

# STUDENT DEVELOPMENT PROGRAMMES:

## PALCEMENTS:

Numbers of students placed for the academic year 2018-19 are:

| S. No. | Department | Number of students Placed |
|--------|------------|---------------------------|
| 1 | CSE | 105 |
| 2 | ECE | 113 |
| 3 | IT | 32 |
| 4 | EEE | 49 |
| 5 | MECHANICAL | 25 |
| 6 | CIVIL | 13 |
| | **Total** | **337** |

## HIGHER STUDIES:

Numbers of students Progression to Higher Education for the academic year 2018-19 are:

| S. No. | Department | Number of progression to Higher education |
|--------|------------|-------------------------------------------|
| 1 | CSE | 47 |
| 2 | ECE | 60 |
| 3 | IT | 06 |
| 4 | EEE | 18 |
| 5 | MECHANICAL | 13 |
| 6 | CIVIL | 9 |
| | **Total** | **153** |

## EXTRA-CURRICULAR   ACTIVITIES:

The Institute creates a platform for the active participation of the students in the various academic and administrative bodies including other activities. This empowers the students in gaining leadership qualities, in following rules, regulations and execution of skills. Student Councils are actively participating and organizing various activities related to academics, co- curricular and Extra-curricular activities, with the guidance of faculty. They are providing great support to college related academic / administrative work with the help of other students. They are actively involving in motivating the students to participate in various activities conducted by the college. Students are encouraged to participate in co-curricular and extra-curricular activities in inter-college, inter-university and in National level competition.

## GAMES & SPORTS:

Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level during the last academic year 2018-19: 23

| S. No. | Name of the award/ medal | Team / Individual | University/State/National/ International | Sports/ Cultural | Name of the student |
|---|---|---|---|---|---|
| 1. | WINNERS | Individual | University | SPORTS | ANNABI SRUJAN REDDY |
| 2. | WINNERS | Individual | University | cultural | B.VYSHNAVI |
| 3. | WINNER | Individual | University | Cultural | ARITHA |
| 4. | WINNERS | Individual | University | SPORTS | M.NITHIN SOURAB |
| 5. | Runners | Team | STATE | Sports | S.ALEKYA REDDY |
| 6. | Runners | Team | STATE | Sports | R.MEENA |
| 7. | Runners | Team | STATE | Sports | S.NAVYA REDDY |
| 8. | Runners | Team | STATE | Sports | M.SINDU LATHA |
| 9. | Runners | Team | STATE | Sports | G.DIVYA |
| 10. | Runners | Team | STATE | Sports | ROOPA |
| 11. | Runners | Team | STATE | Sports | LAVANYA |
| 12. | Runners | Team | STATE | Sports | SRI POORVAJA |
| 13. | Runners | Team | STATE | Sports | G.POOJITHA |
| 14. | Runners | Team | STATE | Sports | MANISHA |
| 15. | Runners | Team | STATE | Sports | T SAHARA |
| 16. | Runners | Team | STATE | Sports | V.ANUSHA |
| 17. | Runners | Team | STATE | Sports | B SINDU |
| 18. | WINNERS | Team | STATE | Sports | RANJITH KUMAR |
| 19. | WINNERS | Team | STATE | Sports | NARENDER |
| 20. | WINNERS | Team | STATE | Sports | R.ASHOK |
| 21. | WINNERS | Team | STATE | Sports | K.ANIL KUMAR |
| 22. | WINNERS | Team | STATE | Sports | R.SHANTHI KUMAR |
| 23. | WINNERS | Team | STATE | Sports | VARUN KUMAR |
| 24. | WINNERS | Team | STATE | Sports | MANOJ KUMAR |
| 25. | WINNERS | Team | STATE | Sports | KOTI REDDY |
| 26. | WINNERS | Team | STATE | Sports | N.ANIL KUMAR NAIK |
| 27. | WINNERS | Team | STATE | Sports | R.SAI KRISHNA |
| 28. | WINNERS | Team | STATE | Sports | K SAI KIRAN REDDY |
| 29. | WINNERS | Team | STATE | Sports | R.SAI KRISHNA |
| 30. | WINNERS | Team | STATE | Sports | AKHIL |
| 31. | WINNERS | Team | STATE | Sports | SAI KIRAN REDDY |
| 32. | WINNERS | Team | STATE | Sports | ANIL KUMAR NAIK |
| 33. | WINNERS | Team | STATE | Sports | G.KOTI REDDY |
| 34. | WINNERS | Team | STATE | Sports | MANOJ KUMAR |
| 35. | WINNERS | Team | STATE | Sports | VARUN KUMAR |
| 36. | WINNERS | Team | STATE | Sports | ANIL KUMAR |
| 37. | WINNERS | Team | STATE | Sports | S.NARENDER |
| 38. | WINNERS | Team | STATE | Sports | B.RANJITH KUMAR |
| 39. | WINNERS | Team | STATE | Sports | R.ASHOK |
| 40. | WINNERS | Team | STATE | Sports | MEENA RAO |

| S. No. | Name of the award/ medal | Team / Individual | University/State/National/ International | Sports/ Cultural | Name of the student |
|---|---|---|---|---|---|
| 41. | WINNERS | Team | STATE | Sports | NAVYA REDDY |
| 42. | WINNERS | Team | STATE | Sports | G. DIVYA |
| 43. | WINNERS | Team | STATE | Sports | G.POOJITHA |
| 44. | WINNERS | Team | STATE | Sports | V ARUNA |
| 45. | WINNERS | Team | STATE | Sports | M.LIVEEN |
| 46. | WINNERS | Team | STATE | Sports | Y. BHARGAVI |
| 47. | WINNERS | Team | STATE | Sports | SRIPOORVAJA |
| 48. | WINNERS | Team | STATE | Sports | ALEKYA REDDY |
| 49. | WINNERS | Team | STATE | Sports | T. MANISHA |
| 50. | Runners | Team | STATE | Sports | G. PUJITHA |
| 51. | Runners | Team | STATE | Sports | N. ROOPA |
| 52. | WINNERS | Team | STATE | Sports | R.SAI KRISHNA |
| 53. | WINNERS | Team | STATE | Sports | G.VARUN |
| 54. | WINNERS | Team | STATE | Sports | K.ANIL |
| 55. | WINNERS | Team | STATE | Sports | R.ASHOK |
| 56. | WINNERS | Team | STATE | Sports | B.RANJITH |
| 57. | WINNERS | Team | STATE | Sports | N.ANIL KUMAR NAIK |
| 58. | WINNERS | Team | STATE | Sports | MANOJ KUMAR |
| 59. | WINNERS | Team | STATE | Sports | SAI KIRAN REDDY |
| 60. | WINNERS | Team | STATE | Sports | KOTI REDDY |
| 61. | Runners | Team | STATE | Sports | MANOJ |
| 62. | participation | Team | STATE | Sports | ENJAMURI NAGARAJ |
| 63. | Runners | Team | STATE | Sports | RANJITH |
| 64. | Runners | Team | STATE | Sports | SHANTHI KUMAR |
| 65. | Runners | Team | STATE | Sports | G.VARUN |
| 66. | Runners | Team | STATE | Sports | N.ANIL |
| 67. | Runners | Team | STATE | Sports | SAI KRISHNA |
| 68. | Runners | Team | STATE | Sports | K.ANIL |
| 69. | Runners | Team | STATE | Sports | SAI KIRAN |
| 70. | Runners | Team | STATE | Sports | G.KOTI REDDY |
| 71. | Runners | Team | STATE | Sports | R.ASHOK |
| 72. | Runners | Team | STATE | Sports | P.KARTHIK |
| 73. | Runners | Team | STATE | Sports | ENJAMURI NAGARAJ |
| 74. | Runners | INDIVIDUALs | STATE | Sports | N. ROOPA |
| 75. | Runners | Team | STATE | Sports | B.VINAY |
| 76. | Runners | Team | STATE | Sports | P.BARATH KUMAR |
| 77. | Runners | Team | STATE | Sports | N.NARENDER |
| 78. | Runners | Team | STATE | Sports | RANJITH |
| 79. | Runners | Team | STATE | Sports | G.VARUN |
| 80. | Runners | Team | STATE | Sports | N.ANIL |
| 81. | Runners | Team | STATE | Sports | R.SAI KRISHNA |
| 82. | Runners | Team | STATE | Sports | K.ANIL |
| 83. | Runners | Team | STATE | Sports | ENJAMURI NAGARAJ |
| 84. | Runners | Team | STATE | Sports | K.SAI KIRAN |

| S. No. | Name of the award/ medal | Team / Individual | University/State/National/ International | Sports/ Cultural | Name of the student |
|---|---|---|---|---|---|
| 85. | Runners | Team | STATE | Sports | R.ASHOK |
| 86. | Runners | Team | STATE | Sports | G.KOTI REDDY |
| 87. | Runners | Team | STATE | Sports | M.RAJARSHI |
| 88. | Runners | Team | STATE | Sports | VENUMADHAV |
| 89. | Runners | Team | STATE | Sports | HEMANTH REDDY |
| 90. | Runners | Team | STATE | Sports | B.AKIL REDDY |
| 91. | Runners | Team | STATE | Sports | K.SHIVA |
| 92. | Runners | Team | STATE | Sports | NITHIN.K |
| 93. | Runners | Team | STATE | Sports | NEVANTH RAMU |
| 94. | Runners | INDIVIDUALs | STATE | Sports | CHANDUSHARMA |
| 95. | Runners | Team | STATE | Sports | ENJAMURI NAGARAJ |
| 96. | Runners | INDIVIDUALs | STATE | Sports | V.UDAYKIRAN |
| 97. | Runners | INDIVIDUALs | STATE | Sports | D.LAXMI SHRAVANI |
| 98. | WINNERS | Team | STATE | Sports | MANOJ YADAV |
| 99. | WINNERS | Team | STATE | Sports | K.ANIL KUMAR |
| 100. | WINNERS | Team | STATE | Sports | R.SAI KRISHNA |
| 101. | WINNERS | Team | STATE | Sports | K.SAI KIRAN REDDY |
| 102. | WINNERS | Team | STATE | Sports | G.VARUN KUMAR |
| 103. | WINNERS | Team | STATE | Sports | G.KOTI REDDY |
| 104. | WINNERS | Team | STATE | Sports | N.ANIL KUMAR NAIK |
| 105. | WINNERS | Team | STATE | Sports | V.UDAY KIRAN |
| 106. | WINNERS | Team | STATE | Sports | K. SHIVA |

Number of sports and cultural events/competitions in which students of the Institution participated (organized by the institution/other institutions)) during last year 2018-19: 54

| Date of event/activity (DD-MM-YYYY) | Name of the event/activity | Name of the student participated |
|---|---|---|
| 23.05.2019 | English Language Day | 40 |
| 14.05.2019 | Dr AmbedKar Jyanthi | 40 |
| 05.04.2019 | Babu Jagjivan Ram jayanthi | 70 |
| 02.04.2019 | 5K Run (Cancer Awarness Program) | 30 |
| 23.03.2019 | Martyrs day | 80 |
| 3/22/2019 | SAVE WATER AWARENES | 200 |
| 19.03.2019 | science day at BIET | 112 |
| 15.03.209-16.03.2019 | M.V.S.R group institute of engineering SPORTS | 18 |
| 14.03.2019 | National Maths day | 50 |
| 08.03.2019 | National Womens day | 150 |
| 08.03.2019-09.03.2019 | Tirumala group institute of engineering SPORTS | 34 |
| 08.03.2019-09.03.2019 | V.B.I.T group institute of engineering SPORTS | 35 |
| 28.02.2019 | National science day | 150 |
| 13.02.2019-14.02.2019 | V.N.R group institute of engineering SPORTS | 18 |
| 07.02.2019-08.02.2019 | K.P.R.I.T group institute of institution SPORTS | 18 |
| 02.02.2019 | JNTU Youth Festival under NSS | 14 |

| Date of event/activity (DD-MM-YYYY) | Name of the event/activity | Name of the student participated |
|---|---|---|
| 26.01.2019 | Republic Day | 150 |
| 24.01.2019-27.01.2019 | samskruti group institute of institution SPORTS | 29 |
| 12.01.2019 | Birthday of swmi vivekananda | 50 |
| 11.01.2019 | Pongal celebrations -KITE FLYING | 100 |
| 07.01.2019-10.01.2019 | Nagole institute of technology & science SPORTS | 16 |
| 4.01.2019-05.01.2019 | ANURAG GROUP OF INSTITUTIONS SPORTS | 54 |
| 10.12.2018 | Human rights day | 50 |
| 14.11.2018 | Childrens Day | 40 |
| 10.11.2018 | orphanage day | 100 |
| 06.11.2018 | FRESHERS DAY AT BIET | 600 |
| 15.10.2018 | Dr Abdul Kalam birthday | 200 |
| 02.10.2018 | Gandhi jyanthi | 30 |
| 14.09.2018 | Engineers Day | 70 |
| 10.09.2018 | Bathukamma | 40 |
| 05.09.2018 | Teachers day and Haritha Haram | 50 |
| 21.08.2018 | Yoga Program for I Year Students & Faculty | 80 |
| 15.08.2018 | Independence Day | 200 |
| 12.08.2018 | National youth day | 50 |
| 20.07.2018 | INVOCATION PROGRAMME AT BIET | 280 |
| 06.01.2018-07.01.2018 | M.R.I.T.S College SPORTS | 7 |
| 18.06.2018-24.03.2019 | Singing cultural activities | 46 |
| 18.06.2018-24.03.2019 | Musical Instruments cultural activities(Voilin, Drums, Tabla, Guitar, Veena( every Monday) | 7 |
| 18.06.2018-24.03.2019 | Drama /Mono action/Skit cultural activities( every Monday) | 23 |
| 18.06.2018-24.03.2019 | Dance cultural activities ( every Monday) | 54 |
| 19.06.2018-25.03.2019 | Orators / Toastmasters cultural activities( every Monday) | 33 |
| 19.06.2018-25.03.2019 | Poetry cultural activities( every Tuesday) | 14 |
| 19.06.2018-25.03.2019 | Painting cultural activities( every Tuesday) | 41 |
| 19.06.2018-25.03.2019 | Photography cultural activities( every Tuesday) | 4 |
| 20.06.2018-26.03.2019 | Radio cultural activities( every Wednesday) | 3 |
| 20.06.2018-26.03.2019 | Pottery cultural activities( every Wednesday) | 9 |
| 20.06.2018-26.03.2019 | Basket Ball sports activities( every Wednesday) | 24 |
| 21.06.2018-27.03.2019 | Throw Ball sports activities( every Thursday) | 11 |
| 21.06.2018-27.03.2019 | Chess sports activities ( every Thursday) | 13 |
| 22.06.2018-28.03.2019 | Table Tennis sports activities( every Friday) | 15 |
| 22.06.2018-28.03.2019 | Volley Ball sports activities( every Friday) | 13 |
| 23.06.2018-29.03.2019 | Foot ball sports activities( every Saturday) | 14 |
| 23.06.2018-29.03.2019 | Cricket sports activities( every Saturday) | 15 |
| 21.06.2018 | REPORT ON YOGA DAY CONDUCTED IN BIET | 560 |

## CLUBS:

Students' representation and engagement in **Club Activities** as *Student In-Charge Facilitator and Student Assistant In-Charge Facilitator* for co-curricular and extracurricular activities.

*Various Clubs are:*

| S. No. | Name of the Club | Categories |
|---|---|---|
| I | Cultural Clubs | Singing Club |
| | | Musical Instruments Club |
| | | Drama /Mono action/Skit Club |
| | | Mime/Mimicry Club |
| | | Dance Club: a)Classical Dance & b)Western Dance |
| II | Literary Clubs | Debate Club |
| | | Orators / Toastmasters Club |
| | | Quiz Club |
| | | Poetry Club |
| III | Art Clubs | Painting Club |
| | | Photography Club |
| | | Rangoli/Mehandi |
| | | Pottery Club |
| IV | Sports & Games Clubs | Basket Ball Club |
| | | Throw Ball Club |
| | | Tennis Club |
| | | Chess Club |
| | | Table Tennis Club |
| | | Volley Ball Club |
| | | Foot ball Club |
| | | Cricket Club |
| V | Technical Clubs | Robotics Club |
| | | Mathematics Club |
| | | Physics Club |
| | | Any other related to your department |

## ALUMNI:

The college has been interacting with the Alumni regularly through the alumni portal with a view to facilitate connectivity and seek their cooperation in areas of placements, Students' projects, Students' visits, Consultancy etc. Our Alumni have also instituted awards for students who have secured overall best performance in academics.

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510