

**Part-B**  
**(2018-19)**

<b>CRITERION I – CURRICULAR ASPECTS</b>					
<b>1.1 Curriculum Design and Development</b>					
1.1.1 Programmes for which syllabus revision was carried out during the Academic year					
Name of programme	Programme Code	Year		Dates of revision	
B.Tech ECE	04	R-17 V & VI Semester		07/07/2018	
		R-17 VII & VIII Semester		29/01/2019	
		R-18 III,IV,V,VI,VII& VIII Semester		29/01/2019	
1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year					
Programme with Code	Date of Introduction	Course with Code		Date of Introduction	
B.Tech ECE	2002	VLSI Design – B45PC2		29/01/2019	
		VLSI & ECAD Lab – B45PC6		29/01/2019	
		Microwave Engineering – B47PC1		29/01/2019	
		Embedded System Design – B48PE3		29/01/2019	
		Image Processing – B48PE4		29/01/2019	
<b>1.2 Academic Flexibility</b>					
1.2.1 New programmes/courses introduced during the Academic year					
Programme/Course			Date of introduction		
B.Tech ECE/ CMOS Analog Integrated Design			20.06.2018		
B.Tech ECE/ CMOS Digital Integrated Design			20.06.2018		
B.Tech ECE/ Mixed Signal Design			20.06.2018		
B.Tech ECE/ Fundamentals of Management			20.06.2018		
B.Tech ECE/ Gender Sensitization Lab			20.06.2018		
B.Tech ECE/ Coding Theory & Techniques			29.01.2019		
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	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
B.Tech ECE	Cellular Mobile Communication		29.01.2019		
B.Tech ECE	MEMS		29.01.2019		
B.Tech ECE	Information Theory & Coding		29.01.2019		
B.Tech ECE	Wireless Communications & Networks		29.01.2019		
B.Tech ECE	Pattern Recognition & Image Processing		29.01.2019		

B.Tech ECE	Neural networks		29.01.2019		
Already adopted (mention the year) 2019					
<b>1.3 Curriculum Enrichment</b>					
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	
Digital VLSI System Design Using Verilog HDL Conducted by C-DAC		27.08:2018 to 06.10.2018		89	
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title			No. of students enrolled for Field Projects / Internships		
			135 (DRDO, ECIL, BSNL) (2018-19)		
<b>1.4 Feedback System</b>					
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)					
<p>The Internal Quality Assurance Cell is the primary system that takes care of quality in the college. The IQAC conducts number of evaluations that have a specific focus on issues and concerns. Every semester the students give their feedback of the staff. This helps the staff and management to constantly improve their methodology of imparting the knowledge to the students.</p>					
<b>CRITERION II -TEACHING-LEARNING AND EVALUATION</b>					
<b>2.1 Student Enrolment and Profile</b>					
2.1. 1 Demand Ratio during the year					
Name of the Programme	Number of seats available	Number of applications received		Students Enrolled	
B.Tech ECE(2018-19)	168+72	80		240	
<b>2.2 Catering to Student Diversity</b>					
<b>2.2.1. Student - Full time teacher ratio (current year data)</b>					
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
2018-19	240(ECE)	-	46 (ECE)	-	-
<b>2.3 Teaching - Learning Process</b>					
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
46	46	LCD	4	4	NPTEL, SWAYAM MOOCS

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

Mentoring programme is conducting in our college. It helps the students to strengthen their varied capabilities and to build an interpersonal relationship between the teachers and students. Each teacher is assigned with the task of mentoring 20 students. All mentors keep a confidential data sheet about their students, "mentors assessment of students" which records a report of mentoring done by the teachers. These reports are periodically evaluated by a team of teachers selected from each department. The mentoring programme is monitored by a committee consisting of the Principal, Dean Academic and experienced faculty.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2018-19	862 (ECE)	46 1:19

### 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
1 in 2018-19	1	-	1	4

#### 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	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	M.Jhansi Rani	Asst.prof	UGC NET Qualified
2019	M.Jhansi Rani	Asst.prof	Best faculty
2019	M.Vijay Babu	Asst.prof	Best faculty

2019	M.Satyannarayana	Asst.prof	UGC NET Qualified
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### 2.5 Evaluation Process and Reforms

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

Programe Name	Programe Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
B.Tech, ECE	04	I-I, II-I	31/12/2018	18/02/2019
B.Tech, ECE	04	II-II	27/05/2019	06/08/2019

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**

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	240	I-I 52.17%
Nil	256	II-I 39.84

### 2.6 Student Performance and Learning Outcomes

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

<http://tkrcet.ac.in/>

### 2.6.2 Pass percentage of students

Program me Code	Program me name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
04 (2018-19)	B.Tech	235	133	56.59

### 2.7 Student Satisfaction Survey

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

<http://tkrcet.ac.in/exam-branch/results/>

### 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..... No. .... if yes give details

Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant

3.1.2 Teachers awarded National/International fellowship for advanced studies/ research during the year	Name of the Award	Date of Award	Awarding Agency



	teacher awarded the fellowship			
National				
International				

### 3.2 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored Projects				
Projects sponsored by the University/ College				
Students Research Projects (other than compulsory by the College)	3 Months	TKRES	2,00,000	2018-19
International Projects				
Any other(Specify)				
Total				

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

### 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)
PCB DESIGN & FABRICATION	ECE	22/04/2019 to 23/04/2019
DIGITAL VLSI SYSTEM USING VERILOG HDL CONDUCTED BY C-DAC	ECE	27/08/2018 to 6/10/2018

#### 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
2018-19	M.Chaitanya Reddy	Department of Automatic Energy(HYD)		Merit Certificate
2018-19	G.Koulini	JNTUA College of		III Prize

	CH.Hari Prasad A.Jyothirmai	Engineering Kalikiri		
2018-19	Mohith	Sri Indu College Of Engineering & Technology		II Prize
2018-19	G.Sahithya Vidya Laxmi	Keshav Memorial		Merit Certificate
Project Expo	P. Abhinesh Reddy	TKRCET	TKRCET/03/2018	21/3/2018 II
Project Expo	A.Jyothirmai	GCET	24/03/2018	I
Project Expo	CH.Hariprasad	GCET	24/03/2018	I
Project Expo	G.Koulini	GCET	24/03/2018	I
Project Expo	E.Nikhitha	GCET	24/03/2018	I
Smart city Hacathon Series 2018	Pooja	TS Govt department of ITE&C	1/4/2018 to 2/4/2018	Exemplary performance
Smart city Hacathon Series 2018	Hemanth Sai	TS Govt department of ITE&C	1/4/2018 to 2/4/2018	Exemplary performance
Smart city Hacathon Series 2018	M.Saidurga Amulya	TS Govt department of ITE&C	1/4/2018 to 2/4/2018	Exemplary performance
Smart city Hacathon Series 2018	Chaitanya	TS Govt department of ITE&C	1/4/2018 to 2/4/2018	Exemplary performance
Smart city Hacathon Series 2018	Preeti Warvate	TS Govt department of ITE&C	1/4/2018 to 2/4/2018	Exemplary performance

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

Incubation Centre	Name	Sponsored by
Name of the Start-up	Nature of Start-up	Date of commencement

**3.4 Research Publications and Awards**

**3.4.1 Ph. Ds awarded during the year**

Name of the Department	No. of Ph. Ds Awarded

**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	ECE		
International 2018-19	ECE	43	

**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 publications
ECE 2018-19	43

#### 3.4.4 Patents published/awarded during the year

Patent Details	Patent status <b>Published/ Filed</b>	Patent Number	Date of Award

#### 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
Improving the performance of Emperical mode Decomposition via TSSALIS Entropy application to Alzheimers EEG analysis Biomedical materials and Engg.	Prinza	iOS press	2018	29(5),551		
Brain MRI image segmentation using improved Sobel method	J.Sunitha Kumari	SCOPOUS-IJRTE (International Journal Of Recent Technology & Engineering)	2018			
Design of RF LNA with resistive feedback and Gain peaking for multi standard	J.Sunitha Kumari	SCOPOUS-IJRTE (International Journal Of Recent Technology & Engineering)	2018			

application.						
Energy efficient SRAM cell design with body bias	P.kalyani	Springer-Network & Systems	2018			
Mesochronous operation Interface to multicore processor	K.Sukanya	Springer-Network & Systems	2018			

### 3.4.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication

### 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		135 (2018-19)		
Conferences				
Presented papers				
FDP	22 (2018-19)			

### 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)

#### 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

### 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 <b>co-ordinated</b> in such activities	Number of students participated in such activities
1.Yoga day Celebration	NSS Unit, TKRCET	2	50
2.Clean and Green Programme	ASSEZWAO	2	20
3.Swath Sarvekshan	GHMC, LB Nagar circle	2	100
4.Cancer walk	Yeshoda Hospitals, Malakpet	2	100
5.Road safety week	Rachakonda police	2	50
6.SHE Mpower	Rachakonda police	2	10
7.Blood Donation Camp	Durgabhai Deshmukh Hospital	2	100
8.Drug free India	Art of Living	2	100
9.WEB Casting for Loksabha elections	GHMC, RR Dist.	2	100

### 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

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

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers <b>co-ordinated</b> such activities	Number of students participated in such activities
1.Swath Sarvekshan	GHMC	Cleaning	2	100
2.Clean and Green	ASSEZWAO	Plant trees	2	20
3.sahaja yoga(21/06/2019)	NSS unit	YOGA	2	150

### 3.7 Collaborations

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

Nature of Activity	Participant	Source of financial support	Duration
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3.7.2.1 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
Training	DRDO,RCLE CIL,BEL		3 weeks	55

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
ABACUS	14/09/2018	Competitive	100
INTRENHALA	4/10/2017	To provide internship opportunity	140
Electronics & ICT Academy	04/09/2017	To improve the Quality of Education	8

#### **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

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	10 acres	
Class rooms	12	
Laboratories	12	
Seminar Halls	01	
Classrooms with LCD facilities	02	
Classrooms with Wi-Fi/ LAN	01	
Seminar Halls with ICT facilities	02	
Video Centre	00	
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.		
Value of the equipment purchased during the year (Rs. in 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



4.2.1 Library Services: ECE Department								
	Existing		Newly added		Total			
	No.	Value	No.	Value	No.	Value Value		
Text Books	382							
Reference Books	100							
e-Books	182							
Journals	24							
e-Journals	44							
Digital Database								
CD & Video								
Library automation								
Weeding (Hard & Soft)								
Others (specify)	40							
4.2.2 E-content developed by teachers such as; e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc								
Name of the teacher	Name of the module		Platform on which module is developed		Date of launching e – content			
<b>4.3 IT Infrastructure</b>								
4.3.1 Technology Upgradation (overall)								
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office Departments	Available bandwidth (MGBPS)	Others
Existing	180	3					50	
Added								
Total								
4.3.2 Bandwidth available of internet connection in the Institution (Leased line)								
.....100... MBPS /GBPS								
4.3.3 Facility for e-content								
Name of the e-content development facility				Provide the link of the videos and media centre and recording facility				
<b>4.4 Maintenance of Campus Infrastructure</b>								
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		

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)

### **CRITERION V - STUDENT SUPPORT AND PROGRESSION**

#### **5.1 Student Support**

##### **5.1.1 Scholarships and Financial Support**

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution			
Financial support from other sources			
a) National			
b) 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
Remedial Coaching	Sep, 2018	40	Faculty
Digital VLSI System Using Verilog HDL Conducted By C-DAC	27/08/2018	50	C-DAC

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

Year	Name of the scheme	Number of benefited students 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
2018-19	GATE, GRE, IELTS	100	100	25	20

##### **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

#### **5.2 Student Progression**

##### **5.2.1 Details of campus placement during the year**

On Campus			Off Campus
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
37	180	30	10

##### **5.2.2 Student progression to higher education in percentage during the year**

Year	Number of students enrolling into	Programme graduated from	Department graduated from	Name of institution	Name of Programme



	higher education			joined	admitted to	
2018-19	20	TKRCET	ECE	Various Institutions	Various Courses	
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						
SET						
SLET						
GATE		3		15K91A0457, 15K91A04D6, 15K91A0475		
GMAT		2				
CAT		2				
GRE		8				
TOFEL		8				
Civil Services		0				
State Government Services		0				
Any Other						
5.2.4 Sports and cultural activities / competitions organised at the institution level during the year						
Activity		Level		Participants		
Cricket		Inter College Level		3		
<b>5.3 Student Participation and Activities</b>						
5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)						
Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)						
5.3 Alumni Engagement						
5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):						
5.3.2 No. of registered Alumni:						
5.3.3 Alumni contribution during the year (in Rupees) :						
5.3.4 Meetings/activities organized by Alumni Association :						
<b>CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>						
<b>6.1 Institutional Vision and Leadership</b>						
6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)						

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

Yes/No/Partial:

## 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):

- ❖ Curriculum Development
- ❖ Teaching and Learning
- ❖ Examination and Evaluation
- ❖ Research and Development
- ❖ Library, ICT and Physical Infrastructure / Instrumentation
- ❖ Human Resource Management
- ❖ Industry Interaction / Collaboration
- ❖ Admission of Students

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

- ❖ Planning and Development
- ❖ Administration
- ❖ Finance and Accounts
- ❖ Student Admission and Support
- ❖ Examination

## 6.3 Faculty Empowerment Strategies

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

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018-19	Y.Priyanka	Advanced CMOS VLSI	TKRES (E&ICT Academy , NITW)	Rs.2500/-
2018-19	A.Deepika	Advanced CMOS VLSI	TKRES (E&ICT Academy , NITW)	Rs.2500/-
2018-19	A.Vikas	Advanced CMOS VLSI	TKRES (E&ICT Academy , NITW)	Rs.2500/-
2018-19	M.Vijayababu	Advanced CMOS VLSI	TKRES (E&ICT Academy , NITW)	Rs.2500/-
2018-19	A.Teja	Advanced CMOS VLSI	TKRES (E&ICT Academy , NITW)	Rs.2500/-

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2018-	Latest advances	Latest advances in	19-9-	39	4



19	in communications/ 5G technology	communications/5G technology	2019to 20-09-2019		
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year					
Title of the professional development programme		Number of teachers who attended		Date and Duration (from – to)	
Refresher course on systems and signal processing		4		6/03/2019 to 27/03/2019	
Design of Experiments Using Taguchi Approach		8		12/11/2018 to 17/11/2018	
Analog IC design-Hands on practise using CADENCE Design Flow		4		22/04/2019 to 24/04/2019	
FDP on Outcome Based Education		2		13/11/2018 to 18/11/2018	
Advanced CMOS VLSI		5		3/12/2018 to 8/12/2018	
Linear Regression,GPCA,SVD,SVM,Linear Discriminate Analysis and Wavelets MRA- Research Focus		4		17/12/2018 to 22/12/2018	
Optimization Techniques in Antenna Design		4		25/06/2018 to 30/06/2018	
6.3.4 Faculty and Staff recruitment (no. for permanent recruitment):					
Teaching			Non-teaching		
Permanent		Fulltime	Permanent		Fulltime
46		46	5		5
6.3.5 Welfare schemes for					
Teaching			Health Check-up Camp by Dr.T.Anitha, ICON Hospital		
Non teaching			Health Check-up Camp by Dr.T.Anitha, ICON Hospital		
Students					
<b>6.4 Financial Management and Resource Mobilization</b>					
6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)					
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	
TKRES		2,00,000/-		Development and Maintenance of Labs	
6.4.2 Total corpus fund generated					
<b>6.5 Internal Quality Assurance System</b>					
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?					

Audit Type	External		Internal	
	Yes/No	Agency Other Engg college		Yes/No
Academic	YES		YES	HOD & IQAC Members
Administrative				
6.5.2 Activities and support from the Parent – Teacher Association (at least three)				
Parent –Teacher meeting is conducted once in a semester				
6.5.3 Development programmes for support staff (at least three)				
Faculty Development Programme ,Skill Development programme				
6.5.4 Post Accreditation initiative(s) (mention at least three)				
<b>6.5.5</b>				
a. Submission of Data for AISHE portal : Yes				
b. Participation in NIRF : Yes				
c. ISO Certification : No				
d. NBA or any other quality audit : Yes				
6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Conducting activity	Duration (from-----to-----)	Number of participants
2018-19	Induction Programme	Awareness Programmes	18.07.2018 to 30.07.2018	200



**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

**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****7.1.3 Differently abled (Divyangjan) friendliness**

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	<b>Yes</b>	<b>10 (Institution)</b>
Provision for lift	<b>Yes</b>	<b>6</b>
Ramp/ Rails	<b>Yes</b>	<b>5</b>
Braille Software/facilities	<b>No</b>	
Rest Rooms	<b>Yes</b>	<b>30</b>
Scribes for examination	<b>Yes</b>	<b>5</b>
Special skill development for differently abled students	<b>Yes</b>	<b>5(Institution)</b>
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	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff

**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)

**7.1.6 Activities conducted for promotion of universal Values and Ethics**

Activity	Duration (from-----to-----)	Number of participants
Guest lecture on Ethical values	19.07.2018 to 20.07.2018	200

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

Plantation programme was organized in the college campus and 50 plants were planted. "Plastic free zone" awareness programme was organized to make campus eco – friendly.

**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

### 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

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

1. Enhance the number of smart class rooms in the department
2. Provide standard facilities for value Education
3. Impart technical and professional education to increase employ-ability and economical development.
4. Organize more number of workshops and seminars
5. Awareness programme on Entrepreneurship for Students.
6. To achieve high standards in Research and Development
7. Arrangement of internships for III B.Tech students.
8. Signing of more MOUs with industry

*Signature of the Coordinators, IQAC*

  
Mrs. P. Gayathri

Assoc. Professor, ECE

  
Mrs. K. Sukanya

Assoc. Professor, ECE

*Signature of the Chairperson, IQAC*

  
Dr. D. Nageshwar Rao

Professor & HoD, ECE



**Abbreviations:**

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence

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