

Part-B (2019-2020)

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	Year	Dates of revision
B.Tech EEE	02	R-18 Course & Syllabus (V and VIII Semester)	08/08/2019
M.Tech PE	02	R- 19 Regulation Course Structure & Syllabus (I and IV Semester)	
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 EEE	2002	Electrical Machine Design V-Semester (B25PE4)	08/08/2019
		Signal and Systems VI –Semester (B26PC4)	
		Wind and Solar Energy System VII –Semester (B27PE2)	
		Flexible AC Transmission Systems VII –Semester (B27PE2)	
		Industrial Electrical Systems(B28PE2)	
		Computer aided Design of Electrical Machines(B28PE3)	
M.Tech PE	2010	Machine Modelling Analysis (B121PC1)	08/08/2019
		Special Machines (B121PE4)	
		Programmable Logic Controllers and their Applications (B121PE4)	
		Embedded Systems (B121PE5)	
		Microcontrollers and Applications(B121PE5)	

1.2 Academic Flexibility									
1.2.1 New programmes/courses introduced during the Academic year									
Programme/Course		Date of introduction							
B.Tech EEE									
Electrical Machine Design (B25PE4)		08/08/2019							
Power System Dynamics and Control ((B25PE4)									
Digital Signal Processing (B25PE4)									
Signal and Systems (B26PC4)									
Electrical Energy Conservation and Auditing(B26PE5)									
Computer Architecture(B26PE5)									
Line-Commutated and Active Rectifiers(B26PE5)		08/08/2019							
Wind and Solar Energy Systems(B27PE2)									
Hybrid Electrical Vehicles(B27PE2)									
HVDC Transmission Systems (B28PE1)									
Computational Electromagnetic (B28PE1)									
Electromagnetic Waves (B28PE1)									
Industrial Electrical Systems (B28PE2)		Sep-2019							
Modern Control Theory (B28PE2)									
M.Tech PE									
Switched Mode Power Supplies(SMPS) (B122PE2)						Sep-2019			
Industrial Load Modelling and Control(B122PE3)									
Advanced Digital signal Processing (B122PE4)									
1.Business Analytics (B223OE1) 2. Industrial Safety 3. Operations Research 4. Cost Management of Engineering Projects 5. Composite Materials 6. Energy from Waste									
Research Methodology and IPR (B223RM2)									
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				
Digital Signal Processing(A25PE6)	UG		Date of Approval						

			07/07/2018 Date of implementation July-2019		
Design of Electrical Machines (A26PE5)			Date of Approval 07/07/2018 Date of implementation Dec-2019		
High Voltage Engineering (A26PE5)					
Linear System Analysis (A26PE6)					
Computer Aided analysis and Design (A26PE6)					
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	
SWAYAM - NPTEL		July - October		103	
SWAYAM - NPTEL		Jan - April		103	
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title			No. of students enrolled for Field Projects / Internships		
Industrial oriented Mini Project					
TS SPCDL CPTI SR Nagar, Hyderabad, TS			103		
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)					
<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>					
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	Number of applications received	Students Enrolled
B.Tech EEE	84+36	59	120

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
EEE	88/ 120	19	24	04	28

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
28	28	LCD	02	01	NPTL ,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
120	28	1:15

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
05	05	00	05	01

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)

<i>Year of award</i>	<i>Name of full time teachers receiving awards from state level, national level, international level</i>	<i>Designation</i>	<i>Name of the award, fellowship, received from Government or recognized bodies</i>
2019-2020	Mr.G.Suresh Kumar Reddy	Asst.prof	Best faculty
	Mr.B.Sharath Kumar	Asst.prof	Best faculty
	Ms.N.Keerthi	Asst.Prof	NPTEL Course (Design of PV System)
	Mr.S.Manohar Reddy	Asst.Prof.	NPTEL Course (Design of PV System)
	Mr.K Subhash	Asst. Prof.	NPTEL Course (Control Systems)
	Ms.N.Keerthi	Asst.Prof	NPTEL Course (Introduction to Smart Grid)
	Mrs.V.Swarupa	Assoc.Prof	NPTEL Course (Introduction to Smart Grid)
	Mr.S.Manohar Reddy	Asst.Prof.	NPTEL Course (Introduction to Smart Grid)
	Mrs. V. Sangeetha Sarali	Assoc.Prof	NPTEL Course (Introduction to Smart Grid)
	Mrs.Ch.Sravani	Asst.Prof	NPTEL Course (Introduction to Smart Grid)
	Mr.Dasoju Sharath Kumar	Asst.Prof	NPTEL Course (Basic Electric Circuits)
	Mr.Dasoju Sharath Kumar	Asst.Prof	NPTEL Course (Control Engineering)
	Mr.Dasoju Sharath Kumar	Asst.Prof	NPTEL Course (Power Electronics)
	Mr.Dasoju Sharath Kumar	Asst.Prof	NPTEL Course (Principle of Signals and Systems)
	Mr.Dasoju Sharath Kumar	Asst.Prof	NPTEL Course (Power System Analysis)

	Mrs,Polu Veeraraghava Reddy	Asst.Prof	NPTEL Course (Network Analysis)
	Mrs. R.Ramswamy	Asst.Prof	NPTEL Course (Network Analysis)
	Mrs. Survy Venkatesh	Asst.Prof	NPTEL Course (Network Analysis)

2.5 Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
B.Tech /EEE	02	III-I R-17] II-I R-18		06/02/2020

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	86	I-I 63.97%

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

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
02	B.Tech	103 I-Sem	49	47.57%
		103-II Sem	77	65.05%

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
	2,00,000	2019	One 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			
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 <i>(other than compulsory by the College)</i>	4 months	TKRCET	2,00,000	2019-20
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				
Nil				
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)	
Nil				
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
Nil				
3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre	Name		Sponsored by	
01	ROBOTECK		TKRCET	

Name of the Start-up	Nature of Start-up		Date of commencement			
Nil						
3.4 Research Publications and Awards						
3.4.1 Ph. Ds awarded during the year						
Name of the Department			No. of Ph. Ds Awarded			
EEE			01 (2019-20)			
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	EEE		
International	EEE	21			
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 publication			
EEE			Dr.S.Narasimha, Text Book on Electrical Measurements			
3.4.4 Patents published/awarded during the year						
Patent Details		Patent status	Patent Number		Date of Award	
		Published/ Filed				
Nil						
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
Power quality improvement using DStatcom	Dr S.Narasimha	IJAEMA	AUG-2019		TKRCET	
An improved closed loop hybrid phase shift controller for dual active bridge converter	Dr S.Narasimha	International Journal of Electrical and Computer Engineering (IJECE)	April -2020		TKRCET	
Hybrid controlling techniques	Dr .K .Raju	Complexity Internatio	July-Aug-2019		TKRCET	

for PV system integrated with grid		nal Journal (CIJ)				
Evaluation And Improvement Of Distribution System Reliability Indices Using Distributed Generation	Dr .K .Raju	i- manager's Journal on Power Systems Engineering,	May - July 2019			
Closed loop speed control of electric vehicle using dual input dc-dc converter	Dr. MD .Qutubuddin	IJAEMA	2019		TKRCET	
Application of high step up DC to AC Converter with renewablesou rce integration with resonant switched capacitor	Mrs. V.Swarupa	Journal of Interdisciplinary Cycle Research	Dec-2019		TKRCET	
Single phase A.C input dual bridge LLC resonant converter for HEV battery charging application	Mr.M. Chinnalal	IJAEMA	2020		TKRCET	
An adaptive controlled hybrid active power filter for power quality	Mrs.V.Sang eeta sarali	JICR	2020		TKRCET	

improvement with nonlinear load grid system						
An improved design for neural networks based model predictive control of 3-phase Inverter	Mrs.V.Sangeeta sarali	IEEE Explore	Aug-2020		TKRCET	
Performance Analysis of a Novel Seven Level Cascade H Bridge inverter with Level Shifted PWM techniques	Mr.S.Manohar Reddy	IJR	June-2019		TKRCET	
Single phase A.C input dual bridge LLC resonant converter for HEV battery charging application	Mr.B. Durganaik	IJAEMA	2019		TKRCET	
Application of phase shift full bridge converter with pv a connected dc drive load	Ms.N.Keerti	IJAEMA	2020		TKRCET	
Multi level inverter with reduced switch count in renewable source application	Mr.G. Suresh kumar reddy	IJR	2019		TKRCET	
Power quality improvement using UPQC with variable	Mr,B.Sharath kuma	IJAEMA	2020		TKRCET	

Dc link voltage control						
Application Of Phase Shift Full Bridge Converter With Pva Connected Dc Drive Load	Ms. N.Keerthi	International journal of analytical and experimental modal analysis	DEC- 2019		TKRCET	
Study on the Control Techniques for the SAPFs: A Comprehensive Analysis	Ms. N.Keerthi	International Journal of Emerging Trends in Engineering Research	NOV-2019		TKRCET	
Review on Optimization Techniques Employed In Distribution Generation	Ms. N.Keerthi	Journal of Critical Reviews	2020		TKRCET	03
Application of Phase shift full bridge converter with PVA connected DC drive load	Mr. K.subhash	International Journal of Analytical and Experimental Modal Analysis	December-2019		TKRCET	
Performance Analysis of a Novel Seven Level Cascaded H bridge Inverter with Level shifted PWM technique	Mrs.Ch.Shravani	IJR	June-2019		TKRCET	
A novel fuzzy based decoupling of Active and	Mr.B Sharath Kumar	Global Journal of Engineering	November-2019		TKRCET	

Reactive Power Control for Grid-Connected PV systems Using Cascaded Modular Multilevel Converters		ng Education				
Power quality improvement using UPQC with Variable DC link voltage control	Mr.B Sharath Kumar	International Journal of Research	June-2019		TKRCET	

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/ Conferences	Nil	01/01	Nil	Nil
Resource Persons	Nil	Nil	Nil	Nil
FDPs	Nil	27	Nil	Nil
Presented papers	Nil	Nil	Nil	Nil

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)
Nil				
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
Nil				
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
1. Yoga day Celebration	NSS Unit, TKRCET & in association with SAHAJA YOGA	2		200
2. On Teachers day - "Best Message contest"	NSS Unit, TKRCET & in association with IBS(ICFAI BUSINESS SCHOOL) ICFAI GROUP	2		18
3. ESSAY WRITING COMPETITION on "ALL LOVE IS EXPANSION- ALL SELFISHNESS IS CONTRACTION"	NSS Unit, TKRCET	2		30
4. Awareness on "NO PLASTIC"	NSS Unit, TKRCET	2		51
5. Maintenance of Harvesting pits in the college	NSS Unit, TKRCET	2		24
6. Career Guidance Program	ABACUS (Overseas)	2		05

7. A CLEAN AND GREEN programme	NSS Unit, TKRCET	2	50
8. A TREE PLANTATION PROGRAMME	NSS Unit, TKRCET	2	45
9. Elocution Competition on “KILL CANCER”	NSS Unit, JNTUH & in association with ISKON	2	24
10. Awareness Programme on “REDUCING CRIME”	NSS Unit, TKRCET & in association with ASEZ ORGANISATION, South Korea	2	51
11. BLOOD DONATION CAMP	Mechanical Department , TKRCET in association with RED CROSS Society.	2	35
12. VIVEK BAND - BE GOOD DO GOOD	SAMSKRITHI FOUNDATION at Ramakrishna Matt, Hyderabad	2	52
13. BLOOD DONATION CAMP	NSS Unit, TKRCET & in association with DURGABAI DESHMUKH HOSPITAL	2	57
14. USEFUL THINGS from WASTE MATERIALS	NSS Unit, TKRCET & in association with VIDYA KALA MANDIR	2	58

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
Nil			

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

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers co-ordinated such activities	Number of students participated in such activities
1. Awareness on “NO	NSS Unit, TKRCET	Cleaning	2	38

PLASTIC”				
2. A CLEAN AND GREEN programme	NSS Unit, TKRCET	Plant trees	2	26
3. Awareness Programme on “REDUCING CRIME”	NSS Unit, TKRCET & in association with ASEZ ORGANISATION, South Korea	Reducing Crime	2	80

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
Nil			

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
Industry-Institute Interactio	Industrial oriented Mini Project	TS SPCDL CPTI SR Nagar, Hyderabad, TS	1 weeks	103

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
Nil			

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 acrs.	
Class rooms	06	00
Laboratories	09	02
Seminar Halls	01	
Classrooms with LCD facilities	01	
Classrooms with Wi-Fi/ LAN	00	

Seminar halls with ICT facilities	00	
Video Centre	00	
No. of important equipments purchased (≥ 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: EEE Department

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	392					
Reference Books	100					
e-Books	147					
Journals	12					
e-Journals	14					
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

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MGBPS)	C t h e r s
Existing	60	02	01	01				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		
Nil					
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		
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, 2019	21	Faculty	
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

2019-20	Indian Postal	01	01	01	01
	Electrical Department	01	01	01	01
	CRT	132	132	17	17

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

Name of Organizations Visited	Number of Students Participated	On campus		Off Campus	
		Number of Students Placed	Number of Students Placed	Number of Students Placed	Number of Students Placed
GLENWOOD	30	04		00	
EUTHISSA CARE TECHNOLOGY	23	02		00	
ALIENS GROUP	17	01		00	
HTC HOLDING PVT,LTD	20	01		00	
24/7	15	01		00	
DELOTTE	16	01		00	
Capgemini	25	01		00	
AMAZON	21	01		00	
NNIIT	15	01		00	
INDIAN POSTAL	10	00		01	
Electrical Department	01	00		01	
PROTAX EXPERY COMPLIANCE PVT.LTD	01	01		00	

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2019-2020	06 (PGCET)	TKRCET	EEE	1.St. Peters Engineering College,	POWER ELECTRONICS,

16K91A0253			2.Anurag Group of Institutions	POWER SYSTEMS POWER ELECTRONICS AND DRIVES
16K91A0263				
16K91A0265			3. St. Peters Engineering College	
16K91A0266			3.GRIET	
16K91A0270			4. St. Peters Engineering College	
			5.Institute of Aeronautical Engineering	

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		
GMAT		
IELTS		
CAT		
GRE		
PGCET	06	16K91A0253, 16K91A0263, 16K91A0265 16K91A0266,16K91A0270
TOFEL		
Civil Services		
State Government Services	(10) Indi an po	16K91A0210 17K95A0214

		sta l (1 0) El ec tri ca l D ep art m en t				
Any Other						
5.2.4 Sports and cultural activities / competitions organised at the institution level during the year						
Activity		Level			Participants	
Nil						
5.3 Student Participation and Activities						
5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)						
Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2019-20	Nil					
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 :						
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)						
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	
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)
2019-20		FDP on PEDAGOGICAL TRAINING	09-12-2019 to 13-12-2019	33	04
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)	
FDP on PEDAGOGICAL TRAINING			5	09-12-2019 to 13-12-2019	
FDP on Emerging Trends in power & energy : A Research Perspective			3	07-08-2019 to 13-08-2019	

FDP on Recent Trends of Power Electronics & Control	2	21-05-2020 to 25-05-2020	
STTP on Engineering Research Methodologies, Uce, OU	1	13-05-2020 to 17-05-2020	
FDP on art of writing papers and research methodologies	1	07-05-2020 to 13-05-2020	
FDP on research opportunities in power engineering	1	22-04-2020 to 27-04-2020	
STTP on Application of AI Techniques in Electrical Engineering	1	18-11-2019 to 23-11-2019	
FDP on Introduction to Smart Grid	1	01-07-2019 to 24-09-2019	
FDP on Research opportunities in Electrical Engineering	1	20-05-2020 to 21-05-2020	
FAP on NBA Accreditation Process	1	21-5-2020	
FDP on online teaching method and assessment using G-suite	1	24-05-2020	
FDP on Implementation and Simulation of Electrical Engineering Applications Using PLECS Tool	1	25-05-2020 to 29-05-2020	
FDP on Research Challenges and Opportunities Post COVID-19 (RECOP 2020)	2	04-05-2020 TO 09-05-2020	
FDP on Introduction to Smart Grid	3	July to September 2019	
FDP on Non- Conventional Energy Resources	2	January to April 2020	
FDP on Power Systems	2	23-09-2019 to 27-09-2019	
FDP on Emerging Trends in Power and Energy	1	07-08-2019 to 13-08-2019	
FDP on AI Applications of Power Electronics Systems	1	20-01-2020 to 25-01-2020	
FDP on Recent Advances in Power systems and Power Electronics in the Environment of smart grid and RES	1	09-12-2019 to 21-12-19	
FDP on Artificial intelligence	1	22-05-2020 to 26-05-2020	
FDP on Control systems	1	Jan to april 2020	
FDP on Power system analysis	1	June to oct 2019	
6.3.4 Faculty and Staff recruitment (no. for permanent recruitment):			
Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
28	28	04	04
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			
6.4 Financial Management and Resource Mobilization			

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				
6.5 Internal Quality Assurance System				
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?				
Audit Type	External			Internal
	Yes/No	Agency	Yes/No	Authority
Academic	YES	Other Engg college	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				
6.5.4 Post Accreditation initiative(s) (mention at least three)				
6.5.5				
a. Submission of Data for AISHE portal : Yes				
b. Participation in NIRF : Yes				
c. ISO Certification : No				
d. NBA or any other quality audit : Yes				
6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2019-20	Induction Programme	Awareness Programmes	05.08.2019 to 18.08.2019	159

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
Yoga day Celebration	21/07/2019	220	180
Awareness on “NO PLASTIC”	13/09/2019	25	20
A CLEAN AND GREEN programme	24/09/2019	30	25

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	Yes	10 (Institution)
Provision for lift	Yes	6
Ramp/ Rails	Yes	5
Braille Software/facilities	No	
Rest Rooms	No	30
Scribes for examination	Yes	5
Special skill development for differently abled students	No	5 (Institution)
Any other similar facility		10 (Institution)

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

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

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)

Planning to Introduce of innovative programs.

Name Mrs.V.Swarupa

Name

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

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

For Communication with NAAC

The Director

National Assessment and Accreditation Council (NAAC)

(An Autonomous Institution of the University Grants Commission)

P.O. Box. No. 1075, Nagarbhavi

Bengaluru - 560 072

Phone : +91-80-2321 0261/62/63/64/65

Fax : +91-80-2321 0268, 2321 0270

E-mail : director.naac@gmail.com

Website : www.naac.gov.in