

Part-B(2020-21)

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	Course Structure Changed From R-18 To R -20 (Changes In Syllabus) SUBJECT R-20 / I Semester, BEE (EEE, CE) R-20 / II Semester, BEE (ECE ,CSE, CSE(AI & ML,DS) ,IT) LAB: R-20: / I Semester, BEE Lab (EEE, CE) R-20 / II Semester, BEE (ECE) BES (CSE, CSE(AI & ML,DS),IT) SUBJECT R-20 / III Semester, BEE (ME) LAB: R-20 / III Semester, BEEE Lab (ME)	21/11/2020
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	Python Programming Lab(C26ES9) V-Semester Electrical and Electronics Design Lab (C27PC5) Summer Internship /Seminar (PROJ-EE) Mini Project (PROJ-EE)	21/11/2020
	Not yet Title decided PE-1 to PE-7		
1.2 Academic Flexibility			
1.2.1 New programmes/courses introduced during the Academic year			
Programme/Course	Date of introduction		
B.Tech EEE/Business Economics and Financial Analysis	21/11/2020		
Python Programming Lab (C26ES9) VI-Semester			

Electrical and Electronics Design Lab (C27PC5)					
Summer Internship /Seminar (PROJ-EE)					
Mini Project (PROJ-EE)					
Not yet Title decided OE1 to OE-4					
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
Not yet Title decided					
Already adopted (mention the year) 30.01.2019					
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		128	
SWAYAM – NPTEL		Jan - April		128	
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			93		
TSTRANSCO Lines/Hayathnagar 33/11KV Sub Station Fruit Market, Hyderabad			04		
The Chief General Manager, HRD and Training, TSTRANSCO, Vidhyuth Soudha, Kairathabad, Hyderabad, TS.			08		
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	

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

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.

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 (2018-19)	84+36	60	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	72 /120	11	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 (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
28	28	LCD	02	01	YES

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
03	03	00	03	00
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	
2020-2021	Ms.N.Keerthi	Asst.Prof	NPTEL Course (Non-Conventional Energy Sources)	
	Mrs.V.Swarupa	Assoc.Prof	NPTEL Course (Non-Conventional Energy Sources)	
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	IV - II Semester	16/07/2021	02/08/2021
2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year <i>*Do not include re-evaluation/ re-totalling</i>				
Number of complaints or grievances about evaluation		Total number of students appeared in the examination	Percentage	
Nil		85	I-II 47.06%	
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	132- I Sem	98	74.25%
		128 –II Sem	82	64.06%
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
	Nil		

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	Mr.Dasoju Sharath Kumar	Certificate of Appreciation	Dec-2020	NPTEL
National	Mrs.Veeraraghava Reddy	Certificate of Appreciation	Dec-2020	AICTE

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)	4 months	TKRCET	2,00,000	2020-21
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	
Nil						
3.3.3.1 No. of Incubation centre created, start-ups incubated on campus during the year						
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				NIL		
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	13				
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 Published/ Filed	Patent Number		Date of Award	
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

A new multilevel inverter with reduced switch count for renewable power applications	Dr S.Narasimha	International Journal of Power Electronics and Drive System (IJPEDS)	December - 2020		TKRCET	
A Renewable Energy Source Integrated 3-Phase New Multi-Level Inverter Topology With Switch Count Reduction	Dr S.Narasimha	International journal of analytical and experimental modal analysis	March -2021		TKRCET	
Design And Analysis Of Bldc Motor Driver For Hybrid Electric Vehicles	Dr S.Narasimha	International journal of analytical and experimental modal analysis	March -2021		TKRCET	
Brain Affective System Inspired Control Architecture: An Application to Non-	Dr. MD Qutubuddin, et al	IEEE Access,	June -2021	.(Impact factor, 3.85)	TKRCET	

linear System”						
“Design and Implementation of an Intelligent Multi Modular Joint (MMJ) – Brain Controller : Application to Aircraft and Brushless DC (BLDC) systems" International Journal of Dynamics and Control,	Dr.MD. Qutubuddin, et al	Springer Publication	Feb, 2021	Impact factor, 1.56	TKRCET	
"Performance analysis of Brain Emotional Controller for Induction Motor Drive"	Dr. MD, Qutubuddin, et al	IEEE CONIT 2021 Hubballi, Karnataka, India.	2021		TKRCET	

“Performance analysis of asymmetrical multilevel inverter with logical firing circuit”	Dr.MD Qutubuddin, et al	6 th IEEE International Conference for Convergence in Technology, (I2CT), Pune,	April, 2021		TKRCET	
“Model Predictive Controller for Permanent Magnet Synchronous Motor Drive: Analysis of Speed controllers”	Dr.MD Qutubuddin, et al	4 th IEEE Hydcon	Aug 2020.		TKRCET	
“Performance analysis of Cerebellum controller for Non-linear systems”	Dr.MD Qutubuddin, et al	17 th IEEE India Council International Conference (INDICON 2020)	Dec 2020.		TKRCET	
Performance Evaluation of Neurobiologically inspired brain Emotional adaptive Mechanism for Permanent Synchron	Dr.MD Qutubuddin, et al	AJSE	Aug-2021		TKRCET	

ous Motor Drive						
A Novel finite Control Set Model Predictive control of current source Inverter for Photovoltaic System	Mrs.V.Sangeetha Sarali	International Journal of Analytical and experimental model Analysis (IJAENA)	March-2021		TKRCET	
A Comprehensive study on shunt active power filters for Grid-Tied wind system	Ms.N. Keerthi	IOP Conf. Series: Materials Science and Engineering (ICMECE 2020)	DEC-2020		TKRCET	
PQ Enhancement Of Grid Connected Multi Level APF For Electric Vehicle Charging Using Fuzzy Logic Controller	Ms. N. Keerthi	International journal of analytical and experimental modal analysis	March-2021		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

						public ation
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	33/09/01	Nil	Nil		
Presented papers	Nil	00	Nil	Nil		
Resource Persons	Nil	00	Nil	Nil		
FDPs	Nil	84	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	
Introduced Mandatory Courses Like (Sports ,Yoga, Cultural Activity, Video with social messages) From R-18 to R-20	TKRCET	02			All the Students	

Yoga day Celebration	NSS Unit, TKRCET & in association with SAHAJA YOGA	2	42
Covid-19 Awareness Programme	NSS Unit, TKRCET	2	21
Food and Blanket distribution drive	NSS Unit, TKRCET	2	12
Webinar on "Fighting climate change through our diet"	NSS Unit, TKRCET & in association with Humane society International India	2	52
online blood and Plasma intermediary service	NSS Unit, TKRCET	2	120
10 day awareness campaign "Stay Home Stay Safe"	NSS Unit, TKRCET	2	16
distributed food and essential requirements to the Covid effected people	NSS Unit, TKRCET	2	15
Integrity pledge	NSS Unit, TKRCET & Central vigilance commission of India	2	40
distributed masks and sanitizers	NSS Unit, TKRCET	2	15
quiz competition on the topic "Covid 19 in India"	NSS Unit, TKRCET	2	120
Food and Blanket distribution drive	NSS Unit, TKRCET	2	15

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
Covid-19 Awareness Programme	NSS Unit, TKRCET		2	20
Food and Blanket distribution drive	NSS Unit, TKRCET		2	15
Webinar on "Fighting climate change through our diet"	NSS Unit, TKRCET & in association with Humane society International India		2	45
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
Nil				
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 Interaction	Industrial oriented Mini Project	TS SPCDL CPTI SR Nagar, Hyderabad, TS	06/11/2020 to 11/11/2020	93
		TSTRANSCO Lines/Hayathnagar 33/11KV Sub Station Fruit Market, Hyderabad		04
		The Chief General Manager, HRD and Training, TSTRANSCO, Vidhyuth Soudha,		08

		Kairathabad, Hyderabad, TS.				
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		Ex isti ng	Newly added			
Campus area		10 acr s.				
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 (\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 automa tion		
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)	Others
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

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	NOV, 2020	40	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
2020-2021	PSUs	01	01	01	01
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
COGNIZANT	49	03		00	
MULTIPLIER SOLUTIONS	45	02		00	
ACCENTURE	47	02		00	
AHEX TECHNOLOGIES (D.M)	30	04		00	
SQUARE YARDS	19	04		00	
INFOSYS	41	02		00	
Q SPIDERS	21	02		00	
WIPRO	34	01		00	
Neudesic	15	01		00	
INNOMINDS	18	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	
2020-21	05	TKRCET	EEE	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						
GMAT						
IELTS		05				
CAT						
GRE						
PGCET						
TOFEL						
Civil Services						
State Government Services						
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
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)

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 INDUSTRIAL RELEVANCE OF ELECTRICAL ENGINEERING	5	15-06-2020 to 20-06-2020
FDP ON Challenges & Mitigation methods in Renewable Energy Power systems	2	08-06-2020 to 10-06-2020
FDP ON Design of Solar PV System using PVSYST Software	5	09-06-2020 to 13-06-2020
FDP ON EXPLORE ELECTRICAL ENGINEERING IN INDUSTRIAL APPLICATIONS	2	15-06-2020 to 19-06-2020
FDP ON Recent Challenges & Emerging Techniques on Microgrid	4	16-06-2020 to 20-06-2020
FDP ON Simulation Software for Electrical Engineers	1	08-02-2021 to 12-02-2021
STTP ON TRENDS AND CHANGES OF HYBRID ELECTRIC DRIVE UTILITIES IN TRANSPORT SECTOR	2	02-11-2020 to 07-11-2020
STTP ON SOLAR ENERGY CONVERSION SYSTEMS: TECHNOLOGIES, DESIGN AND APPLICATIONS	6	15-02-2021 to 20-02-2021
FDP on Recent technological advances in power systems and power electronics drives	5	27-07-2020 to 31-07-2020
STTP on Recent developments and entrepreneurship in sustainable green energy technologies and smart grids	1	19-10-2020 to 24-10-2020
FDP on real time typhoon HIL simulation application for power systems power electronics based RES, electrical vehicles in micro grids	3	10-08-2020 to 14-08-2020
REFRESHER COURSE on APPLICATION OF AI TECHNIQUES IN ELECTRICAL ENGINEERING	1	18-11-2019 to 23-11-2019
STTP on Design and technology aspects of off grid and grid connected roof top solar and bio energy (operation and maintenance)	1	22-03-2021 to 27-03-2021
FDP on Challenges & Opportunities in Electrical Engineering - A Research Perspective	1	15-06-2020 TO 20-06 -2020
FDP on Innovative Techniques for Effective Teaching	1	12-06-2020 TO 13 -06-2020
FDP on Research Opportunities in Image Processing and Machine Learning	1	29-06 -2020 to 03-07-2020
FDP on Insights of control systems and signal Processing	1	02-07-2020 to 06-07-2020
FDP on Research trends in image processing	2	15-06-2020 to 19-06-2020
FDP on Explore Electrical engineering in industrial applications	2	15-06-2020 to 19-06-2020

FDP on Electric power grid modernization trends ,challenges and opputunities	2	09-06-2020 to 13-06-2020
FDP on Challenges and Mitigation Methods in Renewable Energy Power Systems	2	08-06-2020 to 10 -06 -2020
FDP on Present Control Systems in Industry and Research Perspective	1	21-06-2020 to 23-06-2020
FDP on Power Conversion Techniques and Challenges in Renewable Energy Systems	1	02-06-2020 to 06 -06-2020
FDP on Recent innovations and technologies in Electrical Vehicles	4	08-06-2020 to 12-06-2020
FDP on Moving to Master Science in Technology	1	18-06-2020 to 20-06-2020
FDP on Grid Integration and Protection	4	22-06-2020 to 27-06-2020
FDP on Tools for Scientific Communication and Effective Teaching	1	02-06-2020 to 06-06-2020
FDP on Open Modelica and Open IPSL	1	17-06-2020 to 23-06-2020
FDP on Teaching & Learning Of Software Applications On Mobile platform	1	09-06-2020 to 13-06-2020
FDP on AI Techniques to Electrical Engineering	2	06-07-2020 to 10-07-2020
FDP on Recent technological advances in Power Systems and Power Electronic Drives	1	06-07-2020 to 11-07-2020
FDP on Applied Research in Electric Vehicle Technologies	1	15-06-2020 to 20-05-2020
FDP on RECENT TRENDS IN RENEWABLE ENERGY SOURCES AND THEIR INTEGRATION TO SMART GRID	1	23-11-2020 to 28-11-2020
FDP on ARDUINO	1	29-06-2020 to 03-07-2020
FDP on python programming and its applications	3	29-06-2020 to 04-07-2020
FDP on cutting edge technologies for electrical engineering	1	18-05-2020 to 22-05-2020
FDP on emerging trends and challenges in electrical engineering	1	22-06-2020 to 27-06-2020
FDP on Electric Vehicles and Battery Management Systems.	1	28-01-2021 to 30-01-2021
FDP on Recent Trends in EV Technologies	1	23-02-2021 to 01-03-2021
FDP on Creative writing	1	12-01-2021 to 21-02-2021
FDP on Research Challenges in Renewable Energy Technologies	1	14-09-2020 to 20-09-2020
FDP on REAL TIME HARDWARE IN THE LOOP(HIL) SIMULATION FOR POWER ELECTRONICS AND POWER SYSTEMS	1	27-05-2021 TO 29-05-2021
FDP on Electric cars technologies and modern power system	1	27-07-2020 to 01-08-2020

FDP on RECENT CHALLENGES IN INDUSTRIAL AUTOMATION AND EMBEDDED SYSTEMS	2	06-07-2020 to 11-07-2020
FDP on Recent trends in microgrid technologies	2	06-07-2020 TO 11-07-2020
FDP on emerging power conversion techniques & challenges in renewable energy systems	1	02-06-2020 to 06-06-2020
FDP on Energy Audit in Process Industries – A Practical Approach	1	07-01-2021 to 3-01-2021
FDP on Deep Learning Networks and Applications	1	26-08-2020 to 29-08-2020
FDP on Power Electronics Converter of Renewable Energy System	1	27-05-2020 to 02-06-2020
FDP on Smart Grid Technology	1	17-07-2020 to 23-07-2020
FDP on Faculty Induction Programme-4	1	10-02-2021 to 19-02-2021
FDP on Electrical Vehicle Components, Technologies, Challenges and Future Development	1	18-01-2021 to 30-01-2021
FDP on AI Applications in Power Electronic Systems	1	20-01-2020 to 25-01-2020
STTP on Renewable energy sources with Electrical Vehicles for Green Transportation	1	01-02-2021 to 06-02-2021
STTP on Recent Trends in Renewable Energy Sources and their Integration to Smart Grid	2	12-10-2020 to 17-10-2020
FDP on Electric vehicle components, technologies, challenges and future	1	18-01-2021 to 30-01-2021
FDP on Integration of renewable energy sources with electric vehicles for green transportation	1	01-02-21 TO 06-02-2021
FDP on Sustainable Energy and Smart Grid	1	18-12-2020 to 29-12-2020
STTP on Advantages in power electronics to renewable energy system and E- mobility application	1	04-01-2021 to 09-01-2021
STTP on Design and technology aspects of off grid & grid connected roof top solar and bio-energy	1	22-03-2021 to 27-03-2021
STTP on RECENT TRENDS IN RENEWABLE ENERGY SOURCES AND THEIR INTEGRATION TO SMART GRID	1	12-10-2020 to 17-10-2020
FDP on Recent trends in Electrical Engineering	1	08-06-2020 to 12-06-2020
FDP on Short Term Training Program On automation and intelligent control of electrical system	1	16-11-2020 to 21-11-2020
FDP on One Week National Level Online Short Term Training Program On MATLAB for ALL	1	04-06-2020 to 08-06-2020
FDP on Insights of control system and signal procesing	1	02-07-2020 to 06-07-2020

STTP on Recent trends in Hybrid vehicle Technologies	1	06-07-2020 to 11-07-2020		
STTP on Challenges Electric Vehicular Battery Charging & Grid integration Issues (phase-II)	1	24-08-2020 to 29-08-2020		
FDP on Electric vehicles with smart grid integration	1	19-04-2021 to 30-04-2021		
STTP on Integration of renewable energy sources with electric vehicles for green transportation	1	01-02-2021 to 06-02-2021		
FDP on Recent Advances in Electrical Engineering	1	22-06-2020 to 27-06-2020		
6.3.4 Faculty and Staff recruitment (no. for permanent recruitment):				
Teaching		Non-teaching		
Permanent	Fulltime	Permanent	Fulltime	
28	28	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				
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

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
Covid-19 Awareness Programme	02/11/2020	25	15
Food and Blanket distribution drive	21/10/2020	10	20
online blood and Plasma intermediary service	05/08/2020	75	175

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	1
Scribes for examination	Yes	5
Special skill development for differently abled students	No	5 (Institution)
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

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



Signature of the Coordinator, IQAC

Name

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)

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