KPR

Institute of Engineering and Technology

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai - 25)
Accredited by NBA (CSE, ECE, EEE & MECH) and NAAC with 'A' Grade
An ISO 9001:2015 and ISO 14001:2015 Certified Institution
DSIR Certified Scientific and Industrial Research Organization
Arasur, Coimbatore - 641 407

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

2017 – 2018

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
P.O. Box No. 1075
Nagarbhavi
Bangalore – 560072

Dr. K. Bommanna Raja
Principal

20/09/2018

To

The Director,

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL,

P.O. Box No. 1075, Nagarbhavi,

Bangalore – 560072.

Dear Sir,

Sub: Submission of Annual Quality Assurance Report (AQAR) 2017-2018 in respect of KPR Institute of Engineering and Technology, Coimbatore – 641407

Preamble

KPRIET has been accredited by National Assessment & Accreditation Council (NAAC) with CGPA of 3.08 on four point scale at 'A' grade valid from 29.03.2016 and upto 28.03.2021. The first Annual Quality Assurance Report (AQAR 2016-2017) was submitted on 28/08/2017. I take this opportunity to once again sincerely thank your good self and all the officials of NAAC for their excellent co-operation and support extended to the Institution during the entire process.

KPRIET – IQAC

Internal Quality Assurance Cell (IQAC) of KPRIET is successfully maintaining the quality aspects under the chairmanship of Dr. K. Bommanna Raja, Principal, as a post- accreditation quality sustenance and enhancement measure. Dr. S. Ramesh Babu, Professor, Mechanical Engineering, has been nominated as Director of IQAC. KPRIET has made significant strides in teaching, research and extension activities and has achieved pre-eminent position at international levels. The second AQAR has been duly compiled and reported. AQAR is used for meticulous planning, guiding, and monitoring quality assurance and quality enhancement activities. All the departments channelize and systematize their efforts and measures towards academic excellence.

The Institution has prepared the second Annual Quality Assurance Report (AQAR 2017-2018) as per prescribed guidelines. The AQAR report along with necessary enclosures is submitted herewith for kind information. Kindly acknowledge the same.

With warm regards,

KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY ARASUR Po. CBE-407.

20/09/18

DR. K. BOMMANNA RAJA
PRINCIPAL
KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY
ARASUR, COIMBATORE-641 407

CONTENTS

S. NO	DESCRIPTION	PAGE NO
	Part - A	
1	Details of the Institution	01
2	IQAC Composition & Activities	04
	Part – B	
3	Criterion I – Curricular Aspects	08
4	Criterion II – Teaching, Learning & Evaluation	10
5	Criterion III – Research, Consultancy and Extension	13
6	Criterion IV – Infrastructure & Learning Resources	19
7	Criterion V – Student Support & Progression	21
8	Criterion VI – Governance, Leadership & Management	26
9	Criterion VII – Innovations & Best Practice	34
10	Action Plan	44
	Annexure	
11	Academic Calender	45
12	Feedback from stakeholders	54

Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution	KPR Institute of Engineering and Technology
1.2 Address Line 1	SF. No. 204/2 & 204/4
Address Line 2	Arasur, Coimbatore
City/Town	Coimbatore
State	Tamil Nadu
Pin Code	641 407
Institution e-mail address	info@kpriet.ac.in
Contact Nos.	0422 - 2635600
Name of the Head of the Institution:	Dr. K. Bommanna Raja
Tel. No. with STD Code:	0422 - 2635600
Mobile:	09843328082

Name of the IQAC Co-ordinator:	Dr. S. Ramesh Babu
Mobile:	09443910920
IQAC e-mail address:	iqac@kpriet.ac.in
1.3 **NAAC Track ID**	TNCOGN25587
1.4 **NAAC Executive Committee No. & Date:**	EC(SC)/14/A&A/21 dated 29-03-2016
1.5 Website address:	www.kpriet.ac.in
Web-link of the AQAR:	www.kpriet.ac.in/NAAC/AQAR 2017-18.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.08	2016	5 years
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :	25.02.2015
1.8 AQAR for the year ***(for example 2010-11)***	2017-2018

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

i. AQAR 2016-2017 submitted to NAAC on 28/08/2017 (28/08/2017)
ii. AQAR _____ (DD/MM/YYYY)
iii. AQAR _____ (DD/MM/YYYY)
iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

University	State	✔	Central	-	Deemed	-	Private -
Affiliated College			Yes	✔	No		
Constituent College			Yes		No	✔	
Autonomous college of UGC			Yes		No	✔	
Regulatory Agency approved Institution			Yes	✔	No		
Type of Institution	Co-education	✔	Men		Women		
	Urban		Rural	✔	Tribal		
Financial Status	Grant-in-aid		UGC 2(f)	✔	UGC 12B		
	Grant-in-aid + Self Financing		Totally Self-financing	✔			

1.11 Type of Faculty/Programme

Arts		Science		Commerce		Law		PEI (Phys Edu)	
TEI (Edu)		Engineering	✔	Health Science		Management			

Others (Specify)

1.12 Name of the Affiliating University *(for the Colleges)* Anna University, Chennai

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	DSIR		
University with Potential for Excellence		UGC-CPE	
DST Star Scheme		UGC-CE	
UGC-Special Assistance Programme		DST-FIST	
UGC-Innovative PG programmes		Any other (*Specify*)	SIRO Certified
UGC-COP Programmes			

2. IQAC Composition and Activities

2.1 No. of Teachers	09
2.2 No. of Administrative/Technical staff	03
2.3 No. of students	04
2.4 No. of Management representatives	01
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	01
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	01
2.9 Total No. of members	22
2.10 No. of IQAC meetings held:	04

2.11 No. of meetings with various stakeholders: No. 09 Faculty 04

Non-Teaching Staff Students 02 Alumni 02 Others 01

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ✔

If yes, mention the amount -

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. 01 International ☐ National ☐ State ☐ Institution Level 02

(ii) Themes 1) Scientific educational practices
2) Adherence to quality –Areas of improvements

2.14 Significant Activities and contributions made by IQAC

- Academic calendars with complete schedules of the all the events were disseminated before the commencements of the classes
- R&D cell has submitted 07 sponsored research projects prepared by the faculty with a total value of Rs.4.57 crores.
- Four Departments, Mechanical, EEE, ECE and CSE were accredited by National Board of Accreditation (NBA)
- Six Departments were recognised as research centres of Anna University Chennai
- Various awareness programs were organised to the public through IPR Cell inaugurated in the institution
- A team of students with Faculty were trained in Malaysian University for a period of one week
- 125 students and faculty were certified by IIT for clearing NPTEL courses
- Four academic audits were convened through IQAC members to ensure the quality of teaching learning outcomes.
- Effective centralized Examination process is implemented for the conduct of Internal and University examinations
- Audit of question papers were done before every internal examinations to ensure the mapping of CO & PO and the relevancy of questions formulated pertained to the subject as per the blooms taxonomy. Scrutiny of answer papers to ensure the correctness of the evaluation process.
- Implementation of course plan to organise the course content in a structured format.
- Completed the accreditation preparation process of B.E.,- Civil Engineering, as per the norms of NBA.
- As an outcome of the teaching learning process, 467 placement offers are provided to the students, with a highest salary of 10 lakhs and an average salary of 3.2 lakhs.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Action Plan:

- Planned to upgrade for autonomous status in the current academic year
- Planned to enhance IIPC, EDC, R&D and alumni related activities
- Planned to improve the language skills of the students by signing MoUs with French, German, Japanese centres / embassies and conduct training sessions.
- Planned to convene International conference/technical symposiums with foreign universities collaborated, to provide a platform for the academicians, researchers, students to interact, discuss the present and future scope in the domain of engineering
- Planned for schedule academic visits to foreign universities for the benefit of the students to participate in International workshop/programmes, improve the scope of research and higher studies for the students.

- Planned to improve the success rate in the internal and university examinations to facilitate the institution in achieving a position among the top ten institutions in Anna University Results.
- Planned to improve students' learning with better assessment and evaluation methods through IQAC audit procedure.
- Planned to arrange internship programs for the faculty and students to bridge the institution industry gap.
- Planned to organise many social awareness programs through NSS, YRC and Retract to support public and to inculcate the idea of volunteerism, organising skills in the minds of students.
- Planned to implement skill development programmes in our institution and the Career Guidance Counselling to enhance the skill development of the school students.
- Planned to motivate/encourage the faculty and students to enrol for online courses of NPTEL, Swayam, cousera to improve the teaching and learning process.

Achievements:

- The institution is ranked top 200 band in NIRF ranking.
- The institution is certified by ISO with 1SO 9001:2015 and 1SO 14001:2015
- The Institution has received grant of Rs.25,75.000 from DST-SERB
- Centre for Research established in the Department of Civil Engineering, Department of Computer Science Engineering, Department of Electronics and Communication Engineering, Department of Mechanical Engineering, Department of Physics and Department of Chemistry have accommodated 43 research scholars to carry-out their research
- Intellectual Property Rights (IPR) cell has filed 58 Patents and 18 Copyrights from the institute, out of which 41 patents have been published and 15 copyrights have been approved.
- The institute is Ranked VII in filing patents by academic institutions at National level.
- The under graduate BE programme in the Department of Computer Science Engineering and Department of Electronics and Communication Engineering is increased to 180. The Department of Biomedical Engineering is also introduced with an intake of 60.
- Industry Interaction with many industries in the state had facilitated internship and in-plant training to students and faculty to provide technical support for carrying out projects and Product Development.
- Interdisciplinary projects, workshops, value added courses and add-on courses are conducted for the welfare of students and members of the faculty.
- Green campus initiatives and forums had organised several programmes on societal issues like cleanup drive, organic gardening, street plays.

** Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes ☐ No ☐

Management ✔ Syndicate ☐ Any other body Academic Council

Provide the details of the action taken

The AQAR is presented to the members of the academic council and areas for improvements in each department is identified

Part – B

Criterion I	Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	6	-	6	2
PG	4	-	4	4
UG	6	1	6	16
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	16	1	16	22

Interdisciplinary				15
Innovative				5

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options(Affiliated to Anna University, Chennai)

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	10 (6 UG + 4 PG)
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni ✓ Parents ✓ Employers ✓ Students ✓

(On all aspects)

Mode of feedback : Online ✓ Manual ✓ Co-operating schools (for PEI) ✓

Please provide an analysis of the feedback in the Annexure

The sample feedback forms and analysis are given in Annexure (Pg no. 54 – 64)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes. Anna University –Regulations 2017 is followed. Salient aspects:

- Choice based credit system
- Categorization of courses
- Personality and character development
- Credit for value added courses
- Credit for online courses
- Flexibility to drop courses

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Yes. Bachelor of Engineering in Biomedical Engineering is introduced in July 2017 with an intake of 60.

Criterion II	Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
204	160	26	18	-

2.2 No. of permanent faculty with Ph.D. 43

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
15	-	2	-	1	-	-	-	18	-

2.4 No. of Guest and Visiting faculty and Temporary faculty 21 | 8 | -

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	54	36	12
Presented papers	85	58	4
Resource Persons	5	2	1

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Seminars, NPTEL videos, Guest lecture from industry persons and academicians from reputed institutions, Industrial visits, E-learning , Wi-Fi enabled campus, digital library, mentor-mentee meetings

2.7 Total No. of actual teaching days during this academic year 171

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Two sets of internal test question paper for each course, Random question paper selection and cross valuation

2.9 No. of faculty members involved in curriculum

3	10	13

Restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students 93.45 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E(Civil)	133	0.75	53.38	33.83	-	87.96
B.E (CSE)	82	-	85.37	8.53	-	93.90
B.E (ECE)	111	3.60	81.09	9.90	-	94.59
B.E(EEE)	75	2.67	80.00	13.33	-	96.00
B.E (Mechanical)	135	1.48	76.3	14.81	-	92.59
M.E (VLSI)	-	-	-	-	-	-
M.E (CSE)	4	-	100	-	-	100
M.E (Structural)	7	-	100	-	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

The IQAC was constituted to take up the following activities:

- A structured course plan format pertaining to course content
- Implementation of centralized examination system for internal tests
- Implementation of academic audits 4 times in a semester which includes
  - Verification on the authentication of curriculum and syllabi
  - Verification of quality of lecture materials
  - Ensuring the references and link sheets that provides easy access to online learning resources like NPTEL and other leading resources
  - Question paper setting for internal tests
  - Question paper scrutiny at two different levels
  - Ensuring the correctness on the evaluation of answer script

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	14
UGC – Faculty Improvement Programme	-
HRD programmes	17
Orientation programmes	30
Faculty exchange programme	2
Staff training conducted by the university	13
Staff training conducted by other institutions	51
Summer / Winter schools, Workshops, etc.	90
Others (Seminar, Internship, Resource Person)	32

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	43	-	9	-
Technical Staff	38	-	10	-

Criterion III	Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Some of the key initiatives taken by the institution for strengthening R&D activities are summarized below:

1. Centre for Research and Development

All the administrative and managerial support for research funding, consultancy and other R & D related activities of the Institute are controlled and monitored by Centre for Research & Development (CFRD). The CFRD facilitates interaction with external agencies, both national and international. It also promotes and manages all externally funded research and development projects. CFRD acts as a liaison between the Institute and funding agency to undertake sponsored projects.

At CFRD, the faculty members are encouraged to publish their findings in reputed journals and present papers at conferences. Support is given to participate in National/International conferences and thereby building network and interacting with experts from India and abroad. The Institute has taken steps to provide support to faculty to file for patents if the research is likely to fructify in a commercially viable products or processes. The Institute works with Industries and provides sustainable solutions for real-time problems.

2. Research Advisory Committee (RAC)

RAC is constituted with the approval of Governing Council and is chaired by the Principal and co-chaired by the Professor in-charge of Centre for Research and Development (CFRD). RAC is a forum to discuss issues in the direction of development of the research potential and capability and to support in promoting and coordinating research work at KPRIET.

The objectives of the committee are:

- To review research activities of the Institute
- To promote and coordinate research capabilities of KPRIEnT
- To provide strategic guidance for high level research
- To streamline the process of developing research proposals and establish mechanisms for coordinating research at different levels
- To suggest measures for improving existing infrastructural facilities both for academic and sponsored research and enhancing research ambiance.

3. Project Review Committee (PRC)

PRC is constituted with the approval of RAC and responsibilities of providing impetus to the Institute research and development activities and to provide support, advice and assist the Professor in-charge of Centre for Research and Development (CFRD). PRC consists of members from each department including Basic science & Humanities. R & D meeting is regularly scheduled once in a month for monitoring and motivating the research culture inside the campus. It has the mandate to:

- Encourage faculty members to write research proposals to national and international funding agencies
- Review the project proposals submitted by PI

- Ensure that all finances are handled as per the norms of funding agency, KPRIET and Government of India, and the utilization certificates are submitted in a timely manner to the funding agencies; d. Ensure all purchase related items are routed through the Stores & Purchase
- Propose policies related to conduct of R&D Projects at the Institute
- Streamline the functions of the Directorate and guide it from time to time.

4. Other support and benefits for the faculty:

- Encouraging the faculty members to participate in workshops, seminars and conferences
- Providing partial financial assistance and On-Duty to faculty for presenting technical papers in National/International Conferences/Seminars
- Providing cash incentives for research publications in the referred international/national journals etc.,
- Partial financial assistance for procuring Laptop for faculty to facilitate their teaching and research work.
- The faculty members are motivated to register their Ph.D. in various Universities.
- Four departments in the institution got research centre approval from Anna University, Chennai
- Special Interest Group (SIG) has been constituted in all departments to create research culture in the department. This provides a structured way of monitoring and motivating the progress of research. Monthly SIG meetings are made mandatory.

The role of SIG includes the following:

- Publishing research articles in reputed peer-reviewed journals / conferences.
- Applying for research funding to sponsoring agencies.
- Guiding student projects in the corresponding area

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	1	-	7
Outlay in Rs. Lakhs	-	25.75	-	457.82

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	-	-	-
Outlay in Rs. Lakhs	0.151	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	107	1	0
Non-Peer Review Journals	-	-	-
e-Journals	8	-	-
Conference proceedings	99	25	-

3.5 Details on Impact factor of publications:

Range 0.14 - 8.05 Average 2.97 h-index 68.16 Nos. in SCOPUS 52

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs)	Received (Rs)
Major projects	3 years	SERB	25,75,000	14,25,000
Minor Projects	1 year	TNSCST	28,100	28,100
Interdisciplinary Projects	-	-	-	-
Industry sponsored	1 year	KPR Mills Ltd	6,32,000	6,32,000
Projects sponsored by the University/ College	1 year	KPR Charities	4,40,000	4,40,000
Students research projects *(other than compulsory by the University)*	8 months	KPR Charities	1,10,000	1,10,000
Any other (Specify) 1. Two days workshop on Green construction techniques for climate resilient affordable housing	3-4, Oct,2017	Science and Engineering Research Board (SERB)	1,00,000	1,00,000
2.3rd International Conference on Sustainable Practices in Civil Engineering	10-11,April, 2018	Science and Engineering Research Board (SERB)	2,00,000	2,00,000
Total	-	-	40,85,100	29,35,100

3.7 No. of books published i) With ISBN No. 3 Chapters in Edited Books -

ii) Without ISBN No. -

3.8 No. of University Departments receiving funds from

UGC-SAP - CAS - DST-FIST -

DPE - DBT Scheme/funds -

3.9 For colleges Autonomy - CPE - DBT Star Scheme -

INSPIRE - CE - Any Other (specify) DSIR-SIRO

3.10 Revenue generated through consultancy Rs. 2, 36,950/-

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	02	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons: 27

3.13 No. of collaborations International 5 National 3 Any other 16

3.14 No. of linkages created during this year

International 2 National 8

3.15 Total budget for research for current year in lakhs:

From Funding agency 25.75 From Management of University/College 73.60

Total 99.35

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	34
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
13	2	2	3	1	1	4

3.18 No. of faculty from the Institution

who are Ph. D. Guides 16

and students registered under them 27

3.19 No. of Ph.D. awarded by faculty from the Institution 02

S.No.	Name of the Faculty	Department
1	Dr. G. K. Arunvivek	Civil Engineering
2	Dr. G. Ramya	EEE

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF 1 SRF - Project Fellows - Any other -

3.21 No. of students Participated in NSS events:

University level 36 State level 63

National level 5 International level -

- NAWA Award of Excellence for NSS
- "Best college of the year in donating stem cells" by DATRI, Chennai an NGO working around the world to save Lukemia patients. By NSS

3.22 No. of students participated in NCC events:

University level - State level 6

National level 1 International level -

3.23 No. of Awards won in NSS:

University level - State level 1

National level - International level -

NAWA Award of Excellence for NSS

3.24 No. of Awards won in NCC:

University level	-	State level	-
International level	-	National level	-

3.25 No. of Extension activities organized

University forum	03	College forum	36		
NCC	01	NSS	19	Any other	10

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Details of No. of Extension activities organized are provided in **Annexure XIV**

Criterion IV	Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	66 acres 9 cent	-	KPR Charities	66 acres 9 cent
Class rooms	48	32 units	KPR Charities	80
Laboratories	42	51	KPR Charities	93
Seminar Halls	4	2	KPR Charities	6
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	08	1	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	20.4 lakhs	3.7 lakhs	-	-
Others	11 lakhs	-	-	-

4.2 Computerization of administration and library

- Wi-Fi enabled CCTV has been implemented in the campus.
- Books overdue remainder sent to each borrower through user mail ID.
- Daily News clipping service has been sent to all faculty members through their mail id.
- Library automation software has been updated from LAN version to Web Version.
- Attendance report is generated on a daily basis and is updated to the online database
- Students are able to check their Fee pending report through computerised fee checking monitor and digitized account.
- The Course plan and Lecture plan materials are frequently updated to the online database as a student study aid.
- Highly smart and controlled Electricity grid is installed in the campus and monitored regularly.
- Computerized booking system for venues inside the college for various programs

4.3 Library services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	19301	52,47,709	2979	11,44,349	22280	63,92,058
Reference Books	1724	9,15,650	108	83,436	1832	9,99,086
e-Books	203	-	50	-	253	-
Journals	130	2,87,668	-	-	130	2,80,755
e-Journals	320	7,63,332	-	-	309	6,52,412
Digital Database	-	-	-	-	-	-
CD & Video	1078	-	72	-	1150	-
Others (specify)	9000	-	300	-	9300	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	812	706	36	30	-	30	10	-
Added	8	4	-	-	-	-	4	-
Total	820	710	36	30		30	14	-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up-gradation (Networking, e-Governance etc.)

- i7 processor is provided.
- 84 Mbps internet is provided.

4.6 Amount spent on maintenance in lakhs:

i) ICT	9.36 L
ii) Campus Infrastructure and facilities	248.3 L
iii) Equipments	6.2 L
iv) Others	-
Total:	293.36 L

Criterion V	Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Semester plan of the Institution and the Department are disseminated to the students before the commencement of the classes
- Chief mentors and mentors of the classes along with the Head of the Department schedule the co-curricular activities needed for the particular class
- Students are counselled one to one and the individual need of the students are taken care by an effective mentoring system
- Students are trained in the foreign collaborated universities twice in a year to improve the standards and updations
- First class committee meeting is conducted within a week of commencement of classes and the rest two are conducted periodically to collect the course feedback, faculty feedback, student's performance in the class.
- Details of services like scholarships, internet facilities, conduct of coaching classes, sports facilities, online courses offered, events organized, library facilities etc are communicated through messages and notice boards maintained at different locations in the campus.
- Research labs, project facilities and laboratories are available for the students at extended hours to make use of facilities available
- Students participations in national and international level events are completely funded by the management
- Head of the Institution meets all the class representatives to collect the general feedback and fulfil the needs of the students
- Grievances from the stake holders are addressed through the grievance redressal cell is constituted
- Creativity of the students are nurtured by Project exhibition/Project contests conducted
- Online feedbacks collected from the students are addressed every semester for continuous improvements
- Add-on credits from online courses like NPTEL are encouraged and the same is accounted on the academic marks of the students
- NSS is functioning effectively to encourage the students to participate in social and community development activities
- Placement & Training cell is organizing the students career support program periodically and conduct the training classes

5.2 Efforts made by the institution for tracking the progression

- Progress of the students is examined continuously through three Internal Assessment Test (CIAT) conducted once in a month
- The performance of the students are monitored and they are trained in different groups like quality circles, remedial classes, according to their ability
- Performance information records are maintained for all individual students and they are counselled and motivated for their betterment towards innovative thinking, problem solving ability, good communication
- As a part of motivation management provides scholarships for the students who have scored more than 9 CGPA in the University examination
- Funds from the Entrepreneurship Development Cell (EDC), Entrepreneurship Awareness Camps are conducted for students which really motivates the students to become entrepreneurs
- Students are motivated for innovative projects and register for patents through the Intellectual Property Rights (IPR) cell of the institution
- In association with the British Council, Business English Certification (BEC) Programme is conducted for all the students
- Soft skills of the students are developed by the Placement & Training (P&T) department by conducting classes every week scheduled in the regular timetable of the classes for all the years
- Implant training, Industrial projects, Industrial visits are arranged regularly to make the students aware of the current industrial standards and requirements in their field of study.
- Parents are communicated regularly about the progress of the students and parents meeting is also conducted every semester to discuss about the performance of the wards

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2830	44	19	-

(b) No. of students outside the state: 9

(c) No. of international students: 0

Men	No	%
	2147	74.16

Women	No	%
	748	25.84

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
142	108	01	2336	-	2587	343	94	01	2392	-	2,830

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Business English Certification (BEC) Programme is conducted for all the students of I year In association with the British Council
- Placement and training department conducts all types of trainings (aptitude, soft skill, etc.,) for the students regularly
- Interested students are trained through KPR IAS Academy for competitive exams like, UPSC, IAS exams
- All the departments conduct GATE coaching classes regularly
- GATE materials and previous year GATE questions are available in the digital library for easy reference

No. of students beneficiaries: 235

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	-	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	16

5.6 Details of student counselling and career guidance

Faculty mentors counsel their students regularly. An active Grievance Redressal Cell established takes care to provide proper advocacy to students to express their grievances freely without any feel of fear of being victimized.

No. of students benefitted: ALL STUDENTS

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	**Number of Students Participated**	**Number of Students Placed**	**Number of Students Placed**
59	493	462	5

5.8 Details of gender sensitization programmes

Health Awareness Programme - Managing Anaemia & Malnutrition through Home Remedies – Ms. Hemamalini, Director, Aarogya Foundation of India - 22.07.2017

5.9 Students Activities.

5.9.1 No. of students participated in Sports, Games and other events

State/ University level: 807 National level: - International level: -

No. of students participated in cultural events

State/ University level: - National level: - International level: -

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports :

State/ University level: 214 National level: - International level: -

5.10 Scholarships and Financial Support

	Number of students	**Amount**
Financial support from institution	649	2,86,54,800
Financial support from government	996	1,02,19,075
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs	: State/ University level	-	National level	-	International level	-
Exhibition:	State/ University level	-	National level	4	International level	-

5.12 No. of social initiatives undertaken by the students 15

5.13 Major grievances of students (if any) redressed

- Established more water facility
- New dining hall for students was established
- Shuttle trips for students

Criterion VI	Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

To become a premier institute of academic excellence by imparting technical, intellectual and professional skills to students for meeting the diverse needs of the industry, society, the nation and the world at large.

Mission

- Commitment to offer value based education and enhancement of practical skills.
- Continuous assessment of teaching and learning process through scholarly activities.
- Enriching research and innovative activities in collaboration with industry and institute of repute.
- Ensuring the academic process to uphold culture, ethics and social responsibility.

6.2 Does the Institution has a management Information System

Yes, the institution has a management information system to support and record the academic and administrative activities of the Institution accessible to the stake holders.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Since the institute is affiliated to Anna University, the design and development of academic curriculum is done by the University, the Institute supplements the curriculum through enrichment programs in the form of value added courses and soft skills training to meet the competitive needs of the industry. Well framed syllabi for enrichment program based on the feedback from various stake holders is planned, executed, monitored and updated through the team of Training and Placement cell constituting subject and management experts for bridging the industry institution gap.

6.3.2 Teaching and Learning

The Institute functions with the vision of educating the students to meet the global challenges with ethics and social consciousness.

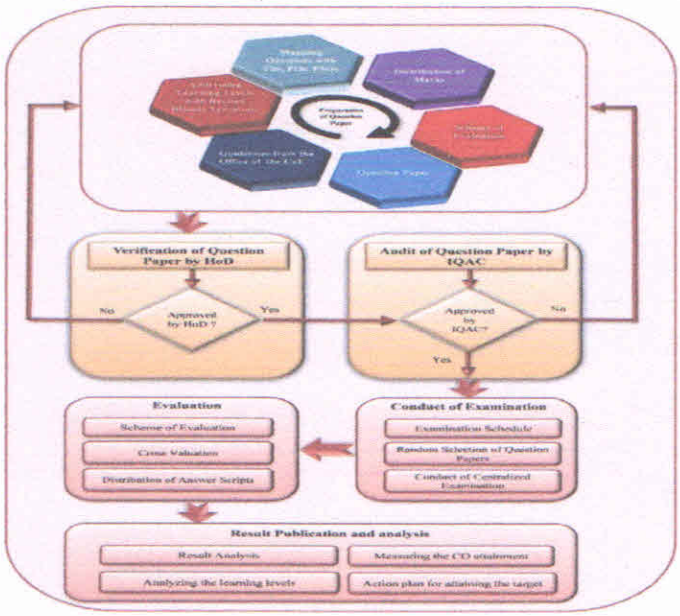
- By considering the academic schedule from the University, Academic Council Meeting (ACM) is conducted to finalize the institutional activities and an institute academic calendar has been prepared and released by the Head of Institution and circulated among the departments during the commencement of the academic year.
- Based on the academic calendar, the departments prepare their department calendar constituting the planned activities.

- Effective teaching and learning is achieved through students' centric teaching approach like lecture with discussion, demonstration of models, periodical field visits, tutorials and assignments. The teaching and learning process is also made effective through audio-visual tools and faculty lecture presentations.
- The provision for exposing the modern tool usage, content beyond syllabus, augmented experiments and industrial visits to the students is made in the department for bridging the curricular gap.
- The faculty members are continuously evolving and updating the teaching practices, by attending domain specific faculty development programs, pedagogical workshops, seminars, internships, orientation programs in premier institutions.
- The effective teaching learning process is demonstrated through peer to peer learning, group discussion, mini project, faculty seminar series and student seminars.
- During the course of academic schedule, based on the performance, learners are categorized into slow learners, average learners and advanced learners.
- Academic activities like remedial classes are convened to support and upgrade the technical competency of slow and average learners. The slow and average learners are closely followed by the subject faculty, monitored by the mentor with parents support to ensure continuous improvement during the internal exams and university examinations.
- Self-learning culture is inculcated among the students through value added courses and competitive exam preparations. Students are also motivated to register for online certification courses like NPTEL, EdX, Swayam etc. to enhance their proficiencies on par with the expectations of recruiters/industry.
- Experts in various fields from industries and premier educational institutions are invited to share advanced information which serves as a learning platform for the students. The department organizes activities and events in collaboration with Professional Chapters (IEEE, ISTE, IE(I), ICI, SAE, ISHRAE, CSI, ICTACT/ Associations / Forum / Clubs) to enhance the significant participation of students in various arena.
- Students secure university ranks on par with other affiliated colleges and exhibit academic proficiency at the department / institution level which paves the way for their career advancements, scholarships and opportunities to admissions in National / International Institutes of repute.

6.3.3 Examination and Evaluation

The end semester examinations of all the theory and practical courses are conducted and evaluated by Anna University. The internal and model exams are convened as per the schedule given by the University and monitored by the IQAC of the institution. Two question papers are set based on Anna University pattern for each courses as per blooms taxonomy. The question papers are audited by IQAC and the answer scripts are cross

evaluated by the respective course faculty. The evaluated papers, calculation of internal marks, pre and post web portal entries are audited by IQAC.



6.3.4 Research and Development

- Institute has a Centre for Research and Development (CFRD) to promote the research activities like publications, funding proposals, grants, patents, innovative projects, MoUs and consultancy activities among internal stake holders.
- Research groups are formed based on the specialization of faculty members to enhance research activities in the Department.
- Awareness programmes are periodically organised to discuss about the latest development in technology and encourage the faculty members and students to participate in the research activities and prepare articles and research proposals.
- Maintaining the database of all funding agencies, publications of the faculty / students, the details of various conferences organized by reputed institutions, collection of literature on various latest research areas and sharing the research and project related information are communicated to faculty members and students through official e-mail ID.
- Faculty and students are motivated to involve in the innovative projects, patent registration and consultancy activities to bring creativity and scientific temper.
- Separate IPR cell has been established to enhance patent filing activity among the faculty and student community.
- Research laboratories are established in the department to carry out the research/project activities among the faculty and students
- Faculty and students are motivated to publish quality research articles in refereed /SCI Journals.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The central library consists of 22280 volumes of books, 49 periodicals and 275 e-resources/e-journals. The library has OPAC facility to access and locate the available material from the catalogue. Library is fully equipped with internet connection through leased line. The stake holders can utilize the digital library facility (192.168.15.91/localguru), on their own personal computer. A specific hour is allotted per week in the time table for utilizing the library resources. The library functions from 8.30 a.m. to 10.00 p.m.
- Wi-Fi and internet facility with 100 Mbps speed is available in both Academic and hostel blocks.
- Globarena (A licensed tool for improving the communication skills) software is available in Communication laboratory. Students can prepare for TOEFL/IELTS Examinations in the Communication laboratory.
- Class rooms are enabled with ICT tools and the laboratories are equipped with live demonstration models. The target learning outcomes are attained through students' centric teaching approach like demonstration of models and periodical field visits.
- Laboratories are well equipped with the state of the art facilities over and above the norms prescribed by AICTE and Anna University with ample working space. The computer labs are provided with an exclusive leased line internet connection providing a platform for the students and faculty members to share their contents.
- Training halls and Seminar halls with ICT tools are available to promote knowledge sharing by subject experts from premier institutions, R & D laboratories, industries in addition to the convening department activities.
- In addition NPTEL videos, MOOCs, TED videos, Webinars, Online Certification Courses(NPTEL, EdX, Coursera etc.), Value Added and Skill Oriented Training Courses(Staad Pro, Auto CADD, Rivet, Pro E, ANSYS, CADD, PCB Designing, MATLAB, LabVIEW, VLSI Design, Embedded Systems, Core Java, CCNA, PHP, Big Data) are also provided to the students.
- The management has allocated sufficient funds for the development, maintenance of infra-structure and Laboratory equipment during budgeting and the progression is monitored by a team of academic and administrative heads. Periodic servicing and calibration of Instruments and machineries are being carried out.

6.3.6 Human Resource Management

The management recruits adequate number of faculty, technical staff and supporting staff required for teaching and administration. Based on the academic performance index, teaching performance index and the other contributions made by the faculty, they are rewarded.

Regular feedbacks are taken from the students by online and counseling is given to faculty if required. Cash awards are provided to faculty for producing excellent results and journal publication. Faculty and technical staff are encouraged to take their higher studies and also to interact with experts in the industry and academia through industrial visits, faculty internships and training programmes. The institution encourages the faculty to participate in orientation programmes, seminars, conferences and FDP by sponsoring their registration fee and travelling expenses

6.3.7 Faculty and Staff recruitment

An announcement of faculty/ staff recruitment is published in leading dailies and college website. The received applications are scrutinized by a selection committee constituting the HOD and a senior professor in the Department. An internal technical panel is constituted for Phase-I technical Interview. Candidates selected in Phase-I technical interview are interviewed by a panel of external technical, Human Resource experts and offers are provided to the selected candidates.

6.3.8 Industry Interaction / Collaboration

Industry Institute Partnership Cell has been a bridge among faculty, students and the industry. The IIPC has provided internships, industrial visits, project opportunities and consultancy for various departments. MoUs with professional bodies like IBM, CODISSIA, COINDIA, BSNL and consultancy discussions at ITC, Indoshell, KPR Dying Unit SIPCOT are in progress. A few organizations like ECI Systems Pvt. Ltd and Steer Engineering have shown interest in setting up labs for Center of Excellence in our campus. IIPC has felicitated internship for faculty members in 10 companies and for 168 students, across all departments, in 54 companies. 5 MoUs (3 in ECE, 1 in Civil and 1 in EEE) have been signed in the last academic year 2017-2018. Internship opportunities have been identified at companies like DANFOSS, DRDO, Eurocast and many more.

6.3.9 Admission of Students

The institution admits students through TNEA counseling for government quota and management quota seats are admitted based on their Talent test score and cut-off marks in higher secondary examination. Students with high cut-off and/ high talent test scores are given merit scholarship up to 100% fee waiver. Lateral entry students are admitted based on the CGPA secured in their Diploma course and post graduate students are admitted based on the CGPA in their undergraduate course.

6.4 Welfare schemes for

Teaching	6	Group Insurance, subsidized transport, sponsorship of registration fee for participating in conference/seminar and FDP, rewards for publications, staff quarters and on-duty for research
Non teaching	4	Group Insurance, subsidized transport, on-duty for pursuing higher studies and sponsorship for training programmes
Students	5	Merit scholarship, Group Insurance, on-duty for participating in conference/seminar, sponsorship for participating in technical event/competitions and special training for competitive examinations.

6.5 Total corpus fund generated YES

6.6 Whether annual financial audit has been done [√] Yes [ ] No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	YES	NBA, ISO	YES	IQAC
Administrative	YES	NBA, ISO	YES	IQAC

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes [√] Yes [ ] No

For PG Programmes [√] Yes [ ] No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The examination reforms made by the University are option for registration of courses for examination revaluation, review of revaluation and challenge review.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The University promotes autonomy in the affiliated colleges to conduct value added courses to bridge the gap between the institution and industry, selection of elective subjects and conduction of project work.

6.11 Activities and support from the Alumni Association

KPRIEnT convenes Alumni meet (Institute level and Department level) once in a year to get the feedback for the institutional growth and student's welfare. Based on the feedback, the curriculum enrichment program through value added courses and soft skill training are provided. Alumni also provide training, guest lecture and mentoring for the students.

6.12 Activities and support from the Parent – Teacher Association

A Mentor-Mentee system is followed to ascertain the progress of every student. Each mentor is allocated twenty mentees, who understands them completely by maintaining a rapport with the parents and grooms them holistically. The mentor also monitors the performance of the students in examinations (internal and university scores) and communicates the attendance of the mentees to their parents. Mentors will be in regular touch with the parents of their respective mentees over the phone/letter communication to provide sensible support at times of poor performance in academics or any disciplinary issues. Parent - Teacher meeting is conducted by the respective department every semester after the publication of university results to discuss about the progress of their ward in academics and extracurricular activities. Parents are informed to meet the mentor and subject faculties to discuss the performance of their wards after every internal examination. Parents are at free will to contact the mentor and the respective Head of the Department for any clarification or requirement. Feedback obtained from the parents about their wards and the facilities provided at the Institute level helps to assess and improve the overall quality of education.

6.13 Development programmes for support staff

The institution takes utmost care in ensuring the growth of supporting staff as it is one of the main functional aspects for any institutional growth. Supporting staff are encouraged to pursue higher education and training is given for improving their skills. Subsidized food, transport/accommodation, medical facilities are provided. The institution has a Women Development Cell to create a space for them to interact, rejuvenate and work for the welfare of women. Maternity leave, medical leave, on duty, vacation and contribution for EPF are provided for the supporting staff.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- More than 25000 trees are planted in the campus and groomed organically
- Rain water harvesting system throughout the campus
- Efficient waste disposal system in hostel and academic blocks
- Solar panels in hostels/academic blocks
- Reuse of recycled waste water for greenery development
- Bio gas plant
- Sewage treatment plant

Criterion VII	Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details

The list of innovations and best practices are presented as given below and the key innovations are elaborately presented:

- The under graduate BE programme in the Department of Computer Science Engineering and Department of Electronics and Communication Engineering is increased to 180. The Department of Biomedical Engineering is also introduced with an intake of 60.
- Centre for Research established in the Department of Civil Engineering, Department of Computer Science Engineering, Department of Electronics and Communication Engineering, Department of Mechanical Engineering, Department of Physics and Department of Chemistry have accommodated 43 research scholars to carry-out their research
- Intellectual Property Rights (IPR) cell has filed 58 Patents and 18 Copyrights from the institute, out of which 41 patents have been published and 15 copyrights have been approved.
- The institute is Ranked 7 in filing patents by academic institutions at National level.
- There are nearly 84 project proposals submitted to external funding agencies.
- Industry Interaction with many industries in the state had facilitated internship and in-plant training to students and faculty to provide technical support for carrying out projects and Product Development.
- Interdisciplinary projects, workshops, value added courses and add-on courses are conducted for the welfare of students and members of the faculty.
- 3705 faculty and students have registered and 210 have successfully cleared the lectures in NPTEL
- Guest Lectures by industrial experts are arranged for faculty and students periodically.

- Alumni of KPRIEnT conducted Sports Q a platform for alumni interactions with the society.
- Feedback from alumni is collected periodically for the improvement process. Action plan is proposed based on the feedback to perform better.
- The number of publications and patents increased as students and faculty members started exploring project/case study/problem based and experiential learning.
- The Rotaract, Eco, Nanal, RRC, YRC and NSS clubs had conducted many events related to environmental protection, drug abuse, misuse of technologies and ethics and values.
- The institution planted more than 6000 saplings during the year 2017-2018.
- Green campus initiatives and forums had organised several programmes on societal issues like cleanup drive, organic gardening, street plays.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- As per plan the institute applied for NIRF ranking and has been ranked in National level.
- As per the action plan the institute was DSIR certified.
- The institute has also been certified with ISO 9001:2015 and ISO 14001:2015 as per the action plan.
- R&D meeting with Ph.D. holders was conducted as per the plan and research projects worth 7 crore were submitted to various funding agencies.
- One project funded by SERB, DST worth Rs. 25,75,000 has been sanctioned.
- As per plan, Leadership & Start up summit was conducted to encourage entrepreneurship and leadership skills among the students.
- Career guidance programs were conducted for the final year and pre- final year students
- KPRIET has signed a student and faculty exchange information with Mokpo National University, South Korea, University of Derby, United Kingdom, University of Malaya, Malaysia, Rochester Institute of Technology, United State America, Universiti Teknologi, Malaysia, University of Melbourne, Australia and Indiana State University, United State America.

- IPR Cell conducted "Make in India" awareness workshop to the faculty members and for the industry people As per the plan of Training and Placement Cell, students of final year and pre- final year were given placement oriented and technical training.
- A team of 25 students along with two faculty members had visited four universities in Malaysia to know about the research facilities available, to get international exposure, and to attend a workshop.
- Academic audit, research & development meeting, programs related to QCFI were conducted as per the plan
- Performance analysis of all departments was conducted based on the report by IQAC.
- Budgetary approvals for the projections based on the strategic plan have been duly approved.
- As per the plan, the department wise review meeting was conducted in the month of June 2017 and Heads of the Department have presented the data and statistics to the Principal in REST (Reach – Exposure – Skill - Technology) format.
- Academic council meeting is conducted every week to discuss about the internal and external issues, progress and development of the institute.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

Best Practice - I

(i) Title

Promotion of Research

(ii) Objective

- To encourage the faculty to pursue Ph.D.
- To enable the staff and the students to be globally competent.
- To motivate the faculty to apply for the major and minor research projects by providing guidelines and details of funding agencies
- To enhance the quality of higher education.
- To collaborate with other institutions and universities in and abroad
- To arrange for interface among the institutions, industries and the public to take up

research projects relevant for the present day.

- Collaborations and MoUs to provide international exposure in academics, research and administration.
- To publish quality research articles in reputed journals, edit study materials for the prescribed syllabus and author books of high originality.

(iii) Context

The Institute is highly conscious of quality enhancement and quality sustenance on par with the progress of technology of foreign universities. The institute generates knowledge for dissemination and so its main focus is on quality research. It has created a research ambience through strengthening infrastructure facilities, motivating staff members and guiding them to acquire grants from the funding agencies to launch on research undertakings, pursuing Ph.D., taking up minor or major research projects, guiding research scholars and publishing research papers.

The institute strives to offer exposure to faculty and students by giving them an opportunity to gain global exposure. The institute has established MoUs with International Universities in USA, UK, Australia, South Korea, Singapore and Malaysia. Over a period of time, the number of universities and institutions with which the College has tie-ups is increasing considerably, which paves a way for more students and faculty to gain global competence. In this era of globalized research, education and teaching, this avenue has become imperative for the sustainable growth of the institution.

(iv) Execution of the Practice

The Centre for research and development (CFRD) actively involves in promoting research culture among the staff and students in the campus. It sets the target for achievement in the action plan presented and submitted in the Planning and Evaluation Committee meeting every year. The attainment of the target is reviewed at the end of every month.

The institute provides an opportunity for faculty to pursue Ph. D. under Full or Part Time research privately. The College also motivates Scholars by providing funds to pay their base fee. Research equipment has also been purchased by the management

relevant to research to encourage scholars in completing their research. The institute also motivates faculty to apply for grants from funding agencies.

The faculty members who publish papers in journals with high impact factor are recognised with awards.

(v) Evidence of Success

- Recently six staff members have successfully defended their doctoral degrees in different Universities.
- A good number of staff have availed the opportunities for presenting papers, publishing articles and books.
- One Major Research Projects is undertaken during the assessment period.
- 27 faculty members are University approved supervisors for guiding Ph.D. scholars.
- Final year UG and PG students undertake mandatory and funded, individual and group projects.
- E-journals, NPTEL and Internet laboratory are added in the library.
- Publication of research papers in reputed journals with high impact factor evinces the keen interest of the faculty in research.
- Competitive grants have been won by the Principal investigators for major research projects.
- The students and faculty, who go on exchange programmes, become competent to initiate new trends and innovations in their area of specialization.

(vi) Problems Encountered and Resources Required

- International collaboration and co-operation could not be sought to make research more qualitative.
- Approved study leave can be sanctioned for research projects.
- A research journal can be published by maintaining the standard of the articles and making the peer review process strict.

(vii) Outcome

Faculty are highly encouraged to apply for funded projects. Research had motivated, bright and potential students to aspire for admission at KPR Institute of Engineering and Technology and vice-versa. The students took research projects in consultation with the Professors from foreign Universities and one month internship was given to five students to work in the research project. The number of research papers from the institute is raised to large number. The institute is Ranked number 7 in filing patents by academic institutions at National level.

Best Practice - II

(i) Title

Improved Teaching, Learning and Evaluation Process

(ii) Objective

Improved teaching, learning and evaluation process helps to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

(iii) Context

- Latest methods of teaching such as modern classroom, design thinking, self-learning, online learning tools.
- Faculties are upgraded with frequent faculty development programmes convened by faculty from IITs and industrial background on how to teach with new technology and make the course interesting.
- Assessment of student done periodically
- Quality IQAC audit done for benchmark academic process.
- Quality parameters for the various academic and administrative activities of the institution.
- Students are engaged in all academic and research work so they learn more and are more productive.

(iv) Execution of the Practice

Students are given prior knowledge about a particular subject that helps learning. They are taught to organize their curriculum which influences them to learn and apply what they know. Students are motivated frequently. Goal directed practice coupled with targeted feedback enhances the quality of students learning. Student level of development increases when they interact with the social, emotional and intellectual climate of the course which creates impact in learning. They become self-directed learners and adjust their approaches to learning.

(v) Evidence of Success

Bench marking results among colleges under Anna University. Created a quality mechanism for ensuring timely, efficient and progressive performance in academics. Created a procedure for the optimizing and integrating of modern methods of teaching, learning and evaluation. A happy and homely environment for students and faculty has made them excel in academics and research.

(vi) Problems Encountered and Resources Required

- Students though they are interested to stay back and work for academics and research they do not have time as the subject load is high.
- Students are financially backward

(vii) Outcome

- Students work with their peer, so the student teacher relationship develops.
- Students and faculty work with latest technology that brings out productive outcomes vice versa.
- Students are connected to the real world that leads to the project based learning.
- Bring in visuals
- Student choice is given priority which makes him enjoy his studies.
- High level of clarity and focus in institutional functioning towards quality enhancement and facilitates internalization of the quality culture.

7.4 Contribution to environmental awareness / protection

- Conducted a environment awareness camp at Kongadai a village near Bargur, Gobichettipalayam Taluk.
- A mini marathon with a health is wealth
- Planted 450 saplings in the banks of the sulur lake.
- Maintaining the banks of the Coimbatore dam at Perur.
- Constructed 6 toilets at Balamalai, Periyanayakanpalayam Block, Coimbatore District.

7.5 Whether environmental audit was conducted? ☑ Yes No

7.6 Any other relevant information the institution wishes to add. (for example, SWOT Analysis)

1. SWOC analysis

Strength

- State-of-the-art academic environment
- Well planned content delivery with student centric learning environment
- Benchmarking results

Weakness

- Limited academic flexibility to cater needs of industry
- Limited research grants from external funding agencies

Opportunities

- Utilizing E-learning resources and improving skills through real time projects
- Facilitating global exposure and engaging with reputed institutions

Challenges

- Effective engagement of students & faculty and time frame hurdles
- Changing policies, demand by industries and volume of institutions

2. Institute Recognition

- The institute is NIRF ranked.
- The institute is DSIR certified.
- The institute is certified with ISO 9001:2015 and ISO 14001:2015.
- One project funded by SERB, DST worth Rs. 25,75,000 has been sanctioned.

3. Recognized Academic Partners

- NASSCOM.
- Confederation of Indian Industries (CII).
- ICT Academy of Tamil Nadu (ICTACT).
- ICTACT – Youth Circle.
- Centre for Development of Advanced Computing (CDAC)

4. Institute Achievements

- ICTACT – Best Practices Award.
- Microsoft Campus Award.
- Member - GEDC/IFEES, USA.
- Nodal Centre - Tamil Nadu Science Forum Activities.
- ISTE – Best Chapter Award.

- Oracle Academy – Training Centre.
- Award of Excellence – National Rural People Welfare and Development Trust

5. Institute rating

- The institute is NIRF ranked as 174 at National level.

6. Faculty Recognition / Achievements

- Journal Publication of faculty members in 2017-18 were 92
- About 162 faculty members Presented Papers in International and National journals.
- 27 Faculty at KPR Institute of Engineering and Technology were called as Guests to deliver lecturers at various institutes.

7. Student Recognition / Achievements

- Students completed 134 projects
- Students presented 76 papers
- Students have attended 246 technical events
- Students participated in sports events and won 226 medal and certificates.

8. Quality Assurance Initiatives & Impact

Internal Quality Assurance Cell (IQAC)

- Improves the academic and administrative performance.
- Promotes quality enhancement through best practices.

Quality Circle Forum of India (QCFI)

- To bring in quality circle concepts from the industry and bridge the industry-institute gap.

Centre for Knowledge Upgradation in Technical Education (C – KUTE)

- Promotes research and facilitate exchange programmes with industry.
- Establishment of various centers of excellence.

KPR – IPR Cell

- Facilitates prior art search, patent drafting and filing and commercialization analysis.
- Creates awareness about IPR activities among the research scholars and industry personnel.

KPR Staff Training Academy

- Recognizes the industry needs and offers training courses to the members of faculty.
- Organizes training programmes for management representatives and senior academicians.
- Conducts orientation programme for incumbent faculty.
- Offers skill based training to technical assistants.

Plans of institution for next year

- Attaining Autonomous Status
- Aiming for NIRF ranking (within top 100)
- Establishing more incubation centres
- MoUs with more foreign universities
- Enhance IIPC, EDC activities
- Educational tour to foreign universities
- Strengthening the infrastructure facilities and support system
- Improving research and consultancy activities
- Getting research funding from funding agencies
- Improving the teaching learning process
- Conducting career support programs to the students

Name Dr. S. RAMESH BABU,

Signature of the Coordinator, IQAC

INSTITUTE OF ENGINEERING AND TECHNOLOGY
ARASUR Po.
CBE-407.

Name Dr. K. Bommanna Raja

20/09/18

Signature of the Chairperson, IQAC

DR. K. BOMMANNA RAJA
PRINCIPAL
KPR INSTITUTE OF ENGINEERING
AND TECHNOLOGY
ARASUR, COIMBATORE-641 407

Revised w.e.f. 18.08.17.

KPRIENT

JUNE 2017

DATE	DAY	W / H	EXAM SCHEDULE	ACTIVITY / EVENT
1-Jun	Thursday	W		
2-Jun	Friday	W		
3-Jun	Saturday	W		
4-Jun	Sunday	H	HOLIDAY	
5-Jun	Monday	W		
6-Jun	Tuesday	W		
7-Jun	Wednesday	W		
8-Jun	Thursday	W		
9-Jun	Friday	W		
10-Jun	Saturday	H	HOLIDAY	
11-Jun	Sunday	H	HOLIDAY	
12-Jun	Monday	W		
13-Jun	Tuesday	W		
14-Jun	Wednesday	W	Commencement of Classes for UG Programme - Semester: 3 , 5 & 7	
15-Jun	Thursday	W		
16-Jun	Friday	W		
17-Jun	Saturday	W		
18-Jun	Sunday	H	HOLIDAY	
19-Jun	Monday	W		
20-Jun	Tuesday	W		
21-Jun	Wednesday	W		
22-Jun	Thursday	W		
23-Jun	Friday	W		
24-Jun	Saturday	W		
25-Jun	Sunday	H	HOLIDAY	
26-Jun	Monday	H	HOLIDAY - RAMZAN	
27-Jun	Tuesday	W		
28-Jun	Wednesday	W		
29-Jun	Thursday	W		
30-Jun	Friday	W		

Total days = 30 Working days = 24 Holidays = 6

Revised w.e.f. 18.08.17.

KPRIENT

JULY 2017

DATE	DAY	W / H	EXAM SCHEDULE	ACTIVITY / EVENT
1-Jul	Saturday	W		
2-Jul	Sunday	H	HOLIDAY	
3-Jul	Monday	W		
4-Jul	Tuesday	W		
5-Jul	Wednesday	W		
6-Jul	Thursday	W		
7-Jul	Friday	W		
8-Jul	Saturday	W		
9-Jul	Sunday	H	HOLIDAY	
10-Jul	Monday	W		
11-Jul	Tuesday	W		
12-Jul	Wednesday	W		
13-Jul	Thursday	W		II , III & IV Year Students' Online Feedback - 1
14-Jul	Friday	W		
15-Jul	Saturday	H	HOLIDAY	
16-Jul	Sunday	H	HOLIDAY	
17-Jul	Monday	W		
18-Jul	Tuesday	W		
19-Jul	Wednesday	W		
20-Jul	Thursday	W		
21-Jul	Friday	W		
22-Jul	Saturday	W		
23-Jul	Sunday	H	HOLIDAY	
24-Jul	Monday	W		
25-Jul	Tuesday	W	Placement Test - 1 for B.E. - II , III & IV Year	
26-Jul	Wednesday	W	CIAT - 1 for B.E. - II , III & IV Year	
27-Jul	Thursday	W	CIAT - 1 for B.E. - II , III & IV Year	
28-Jul	Friday	W	CIAT - 1 for B.E. - II , III & IV Year	
29-Jul	Saturday	H	HOLIDAY	
30-Jul	Sunday	H	HOLIDAY	
31-Jul	Monday	W		

Total days = 31 Working days = 24 Holidays = 7

Revised w.e.f. 18.08.17.

KPRIENT

AUGUST 2017

DATE	DAY	W / H	EXAM SCHEDULE	ACTIVITY / EVENT
1-Aug	Tuesday	W	Last date for submitting CIAT Supplementary form to the office of CoE	
2-Aug	Wednesday	W	Last date for submitting CIAT Result Analysis to the office of CoE	
3-Aug	Thursday	W	Supplementary CIAT - 1 for B.E. - II , III & IV Year	
4-Aug	Friday	W	Supplementary CIAT - 1 for B.E. - II , III & IV Year	
5-Aug	Saturday	W	Supplementary CIAT - 1 for B.E. - II , III & IV Year	RARM (Higher Sem) - 1 - MECH
6-Aug	Sunday	H	HOLIDAY	
7-Aug	Monday	W		
8-Aug	Tuesday	W		
9-Aug	Wednesday	W		RARM (Higher Sem) - 1 - CIVIL
10-Aug	Thursday	W		RARM (Higher Sem) - 1 - CSE
11-Aug	Friday	W		RARM (Higher Sem) - 1 - ECE
12-Aug	Saturday	W		RARM (Higher Sem) - 1 - EEE
13-Aug	Sunday	H	HOLIDAY	
14-Aug	Monday	H	HOLIDAY - KRISHNA JAYANTHI	
15-Aug	Tuesday	H	HOLIDAY - INDEPENDENCE DAY	
16-Aug	Wednesday	W		
17-Aug	Thursday	W		
18-Aug	Friday	W	Commencement of Classes for UG Programme (Semester: 1)	
19-Aug	Saturday	W		
20-Aug	Sunday	H	HOLIDAY	
21-Aug	Monday	W		
22-Aug	Tuesday	W		
23-Aug	Wednesday	W		
24-Aug	Thursday	W		
25-Aug	Friday	H	HOLIDAY - VINAYAGAR CHATHURTHI	
26-Aug	Saturday	W		
27-Aug	Sunday	H	HOLIDAY	
28-Aug	Monday	W		
29-Aug	Tuesday	W	Placement Test - 2 for B.E. - II , III & IV Year	
30-Aug	Wednesday	W	CIAT - 2 for B.E. - II , III & IV Year	
31-Aug	Thursday	W	CIAT - 2 for B.E. - II , III & IV Year	

Total days = 31 Working days = 24 Holidays = 7

Revised w.e.f. 18.08.17.

KPRIENT SEPTEMBER 2017

DATE	DAY	W / H	EXAM SCHEDULE	ACTIVITY / EVENT
1-Sep	Friday	W	CIAT - 2 for B.E. - II , III & IV Year	
2-Sep	Saturday	W / RH	RESTRICTED HOLIDAY - BAKRID	
3-Sep	Sunday	H	HOLIDAY	
4-Sep	Monday	H	LOCAL HOLIDAY - ONAM	
5-Sep	Tuesday	W	Last date for submitting CIAT Supplementary form to the office of CoE	
6-Sep	Wednesday	W	Last date for submitting CIAT Result Analysis to the office of CoE	
7-Sep	Thursday	W	Supplementary CIAT - 2 for B.E. - II , III & IV Year	RARM (Higher Sem) - 2 - CIVIL
8-Sep	Friday	W	Supplementary CIAT - 2 for B.E. - II , III & IV Year	RARM (Higher Sem) - 2 - CSE
9-Sep	Saturday	W	Supplementary CIAT - 2 for B.E. - II , III & IV Year	RARM (Higher Sem) - 2 - ECE
10-Sep	Sunday	H	HOLIDAY	
11-Sep	Monday	W		RARM (Higher Sem) - 2 - EEE
12-Sep	Tuesday	W		RARM (Higher Sem) - 2 - MECH
13-Sep	Wednesday	W		
14-Sep	Thursday	W		
15-Sep	Friday	W		I Year Students' Online Feedback - 1
16-Sep	Saturday	W	Compensatory Working Day for 04.09.2017	
17-Sep	Sunday	H	HOLIDAY	
18-Sep	Monday	W		
19-Sep	Tuesday	W		
20-Sep	Wednesday	W		
21-Sep	Thursday	W	CIAT - 1 for B.E. - I Year	
22-Sep	Friday	W	CIAT - 1 for B.E. - I Year	II , III & IV Year Students' Online Feedback - 2
23-Sep	Saturday	W	CIAT - 1 for B.E. - I Year	
24-Sep	Sunday	H	HOLIDAY	
25-Sep	Monday	W		
26-Sep	Tuesday	W	Last date for submitting CIAT Supplementary form to the office of CoE	
27-Sep	Wednesday	W	Last date for submitting CIAT Result Analysis to the office of CoE	
28-Sep	Thursday	W		
29-Sep	Friday	H	HOLIDAY - SARASWATHI POOJA	
30-Sep	Saturday	H	HOLIDAY - VIJAYA DASHAMI	

Total days = 30 Working days = 23 Holidays = 7

Revised w.e.f. 18.08.17.

KPRIENT

OCTOBER 2017

DATE	DAY	W / H	EXAM SCHEDULE	ACTIVITY / EVENT
1-Oct	Sunday	H	HOLIDAY - MUHARRAM	
2-Oct	Monday	H	HOLIDAY - GANDHI JAYANTHI	
3-Oct	Tuesday	W		RARM (1st Sem) - 1 - CSE
4-Oct	Wednesday	W	Supplementary CIAT - 1 for B.E. - I Year	RARM (1st Sem) - 1 - BME & ECE
5-Oct	Thursday	W	Supplementary CIAT - 1 for B.E. - I Year	RARM (1st Sem) - 1 - EEE
6-Oct	Friday	W	Supplementary CIAT - 1 for B.E. - I Year	RARM (1st Sem) - 1 - MECH
			Last Date for Syllabus completion (B.E. - II , III & IV Year)	
7-Oct	Saturday	W	Placement Test - 3 for B.E. - II , III & IV Year	RARM (1st Sem) - 1 - CIVIL
8-Oct	Sunday	H	HOLIDAY	
9-Oct	Monday	W	CIAT - 3 for B.E. - II , III & IV Year	
10-Oct	Tuesday	W	CIAT - 3 for B.E. - II , III & IV Year	
11-Oct	Wednesday	W	CIAT - 3 for B.E. - II , III & IV Year	
12-Oct	Thursday	W	CIAT - 3 for B.E. - II , III & IV Year	
13-Oct	Friday	W	CIAT - 3 for B.E. - II , III & IV Year	
14-Oct	Saturday	W	CIAT - 3 for B.E. - II , III & IV Year	
15-Oct	Sunday	H	HOLIDAY	
16-Oct	Monday	W		
17-Oct	Tuesday	W		
18-Oct	Wednesday	H	HOLIDAY - DIWALI	
19-Oct	Thursday	W		
20-Oct	Friday	W		RARM (Higher Sem) - 3 - ECE
21-Oct	Saturday	W		RARM (Higher Sem) - 3 - CSE
22-Oct	Sunday	H	HOLIDAY	
23-Oct	Monday	W	Commencement of AU Practical Exams for B.E. - II , III & IV Year	
				RARM (Higher Sem) - 3 - MECH
24-Oct	Tuesday	W		RARM (Higher Sem) - 3 - CIVIL
25-Oct	Wednesday	W	CIAT - 2 for B.E. - I Year	RARM (Higher Sem) - 3 - EEE
26-Oct	Thursday	W	CIAT - 2 for B.E. - I Year	
27-Oct	Friday	W	CIAT - 2 for B.E. - I Year	
28-Oct	Saturday	W	CIAT - 2 for B.E. - I Year	
29-Oct	Sunday	H	HOLIDAY	
30-Oct	Monday	W	Commencement of AU Theory Exams for B.E. - II , III & IV Year	
			CIAT - 2 for B.E. - I Year	
31-Oct	Tuesday	W	CIAT - 2 for B.E. - I Year	

Total days = 31 Working days = 24 Holidays = 7

Revised w.e.f. 18.08.17.

KPRIENT

NOVEMBER 2017

DATE	DAY	W / H	EXAM SCHEDULE	ACTIVITY / EVENT
1-Nov	Wednesday	W		
2-Nov	Thursday	W	Last date for submitting CIAT Supplementary form to the office of CoE	
3-Nov	Friday	W	Last date for submitting CIAT Result Analysis to the office of CoE	
4-Nov	Saturday	W		
5-Nov	Sunday	H	HOLIDAY	
6-Nov	Monday	W	Supplementary CIAT - 2 for B.E. - I Year	RARM (1st Sem) - 2 - EEE
7-Nov	Tuesday	W	Supplementary CIAT - 2 for B.E. - I Year	RARM (1st Sem) - 2 - MECH
8-Nov	Wednesday	W	Supplementary CIAT - 2 for B.E. - I Year	RARM (1st Sem) - 2 - CIVIL
9-Nov	Thursday	W	Supplementary CIAT - 2 for B.E. - I Year	RARM (1st Sem) - 2 - CSE
10-Nov	Friday	W	Supplementary CIAT - 2 for B.E. - I Year	RARM (1st Sem) - 2 - BME & ECE
11-Nov	Saturday	W	Supplementary CIAT - 2 for B.E. - I Year	
12-Nov	Sunday	H	HOLIDAY	
13-Nov	Monday	W		
14-Nov	Tuesday	W		
15-Nov	Wednesday	W		
16-Nov	Thursday	W		I Year Students' Online Feedback - 2
17-Nov	Friday	W		
18-Nov	Saturday	H	HOLIDAY	
19-Nov	Sunday	H	HOLIDAY	
20-Nov	Monday	W		
21-Nov	Tuesday	W		
22-Nov	Wednesday	W		
23-Nov	Thursday	W	Last Date for Syllabus completion (B.E. - I Year)	
24-Nov	Friday	W		
25-Nov	Saturday	W	CIAT - 3 for B.E. - I Year	
26-Nov	Sunday	H	HOLIDAY	
27-Nov	Monday	W	CIAT - 3 for B.E. - I Year	
28-Nov	Tuesday	W	CIAT - 3 for B.E. - I Year	
29-Nov	Wednesday	W	CIAT - 3 for B.E. - I Year	
30-Nov	Thursday	W	CIAT - 3 for B.E. - I Year	

Total days = 30 Working days = 25 Holidays = 5

Revised w.e.f. 18.08.17.

KPRIENT

DECEMBER 2017

DATE	DAY	W / H	EXAM SCHEDULE	ACTIVITY / EVENT
1-Dec	Friday	W	CIAT - 3 for B.E. - I Year	
2-Dec	Saturday	H	HOLIDAY - MILAD - UN - NABI	
3-Dec	Sunday	H	HOLIDAY	
4-Dec	Monday	W		
5-Dec	Tuesday	W	Last date for submitting CIAT Result Analysis to the office of CoE	
			Model Examination for B.E. - I Year	RARM (1st Sem) - 3 - CIVIL
6-Dec	Wednesday	W	Model Examination for B.E. - I Year	RARM (1st Sem) - 3 - CSE
7-Dec	Thursday	W	Model Examination for B.E. - I Year	RARM (1st Sem) - 3 - BME & ECE
8-Dec	Friday	W	Model Examination for B.E. - I Year	RARM (1st Sem) - 3 - EEE
9-Dec	Saturday	W	Model Examination for B.E. - I Year	RARM (1st Sem) - 3 - MECH
10-Dec	Sunday	H	HOLIDAY	
11-Dec	Monday	W	Model Examination for B.E. - I Year	
12-Dec	Tuesday	W		
13-Dec	Wednesday	W	Commencement of AU Practical Exams for B.E. - I Year (Tentative)	
14-Dec	Thursday	W	Last date for submitting Model Examination Result Analysis to the office of CoE	
15-Dec	Friday	W		
16-Dec	Saturday	W		
17-Dec	Sunday	H	HOLIDAY	
18-Dec	Monday	W		
19-Dec	Tuesday	W		
20-Dec	Wednesday	W		
21-Dec	Thursday	W		
22-Dec	Friday	W		
23-Dec	Saturday	W		
24-Dec	Sunday	H	HOLIDAY	
25-Dec	Monday	H	HOLIDAY - CHRISTMAS	
26-Dec	Tuesday	W	Commmencement of AU Theory Exams for B.E. - I Year	
27-Dec	Wednesday	W		
28-Dec	Thursday	W		
29-Dec	Friday	W		
30-Dec	Saturday	W		
31-Dec	Sunday	H	HOLIDAY	

Total days = 31 Working days = 24 Holidays = 7

LEGENDS

CIAT	Continuous Internal Assessment Test
RARM	Result Analysis Review Meeting with Dean (A&A)

SUMMARY - ODD SEMESTER (2017-2018)

TEST	No. of working days before CIAT			
	Year: 1	Year: 2	Year: 3	Year: 4
CIAT - 1	25	22	22	18
CIAT - 2	20	24	21	21
CIAT - 3	20	26	26	26
Total working days (excluding CIAT)	65	69	69	65
Total working days (including CIAT & MODEL)	86	84	84	80

PRINCIPAL

KPR Institute of Engineering and Technology, Coimbatore

EVEN SEMESTER ACADEMIC CALENDAR 2017 - 2018

December 2017						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	W = 23		H = 08		T = 31	

January 2018						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			
	W = 22		H = 09		T = 31	

February 2018						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			
	W = 22		H = 06		T = 28	

March 2018						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
	W = 22		H = 09		T = 31	

April 2018						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					
	W = 23		H = 07		T = 30	

May 2018						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
	W = 24		H = 07		T = 31	

Description	Year: 2, 3 & 4	Year: 1
Commencement of classes	11.12.17	22.01.18
CIAT - 1	17.01.18 to 20.01.18	23.02.18 to 26.02.18
CIAT - 2	19.02.18 to 22.02.18	22.03.18 to 28.03.18
CIAT - 3	02.04.18 to 07.04.18	02.05.18 to 08.05.18
Last date for syllabus completion	28.03.18	30.04.18
University Practical Exam (tentative)	12.04.18 to 17.04.18	11.05.18 to 16.05.18
University Theory Exam (tentative)	23.04.18 onwards	21.05.18 onwards

List of Holidays:

2nd Dec 17	Sat	Milad-un-Nabi		17th Mar 18	Sat	Holiday
23rd Dec 17	Sat	Holiday		29th Mar 18	Thu	Mahaveer Jayanthi
25th Dec 17	Mon	Christmas		30th Mar 18	Fri	Good Friday
1st Jan 18	Mon	New Year		31st Mar 18	Sat	Holiday
13th to 16th Jan 18	Sat to Tue	Pongal Holidays		14th Apr 18	Sat	Tamil New Year
26th Jan 18	Fri	Republic Day		28th Apr 18	Sat	Holiday
3rd Feb 18	Sat	Holiday		1st May 18	Tue	May day
17th Feb 18	Sat	Holiday		12th May 18	Sat	Holiday
3rd Mar 18	Sat	Holiday		26th May 18	Sat	Holiday

Legends:

CIAT - Continuous Internal Assessment Test W - Working days H - Holidays T - Total days

Summary:

No. of Working days before CIAT	CIAT - 1	CIAT - 2	CIAT - 3	Total Working Days (excluding CIAT)	Total Working Days (including CIAT)
Year : 1	25	18	23	66	81
Year :2, 3 & 4	25	21	27	73	87

PRINCIPAL

FACULTY OF CIVIL ENGINEERING : ALUMNI SURVEY

The alumni survey is an indirect assessment tool prepared to measure the graduates career and professional accomplishments of Civil Engineering Programme

1. Personal Information

Name of the Graduate	: Karthik. A.
Roll No.	: 711312103036
Year of Graduation	: 2016
Contact Number	: 8148598229
Email ID	:
Address	: 23 sugam, ASM colony, Tirupur.

2. Employment information

Name of the Employer	: cad eday
Job Title	: Trainee
Annual Income (Rs)	: 2,00,000
Contact Number	: 8148598229.
Website/ Email ID	
Address	: Tirupur.

3. Achievement of Programme Educational Objectives (PEOs)

The following are the PEOs for the Civil Engineering Programme at KPR Institute of Engineering and Technology. We expect the graduates to achieve these objectives after few years of their graduation.

PEO 1 Graduates will attain adequate knowledge in core areas of Civil Engineering with good communication and presentation skills and excel in their chosen profession

Scanned by CamScanner

3.3.1 Did your UG Curriculum prepare you for excelling in your career?

YES | NO

3.3.2 Was it an easy task for you to respond to the arising challenges in your working environment?

YES | NO

3.3.3 Do you feel that you are competitive with other equivalent professionals hired by your company?

YES | NO

3.3.5 Do you feel that the modern engineering tools which were taught during your undergraduate programme helped you to improve further?

YES | NO

3.3.6 Do you feel that your graphical communication ability helped you to improve your career?

YES | NO

3.3.7 Are you comfortable enough to communicate effectively among your team member?

YES | NO

3.3.8 Are you comfortable enough to use Indian Standard Codes of Practice which were taught during your undergraduate programme?

YES | NO

3.3.9 Are you practicing independently?

YES | NO

3.3.10 Do you possess adequate managerial skills necessary for your profession?

YES | NO

3.3.11 Are you familiar with government norms and bye-laws for building construction?

YES | NO

3.3.12 Your rating on a four point scale on the achievement of PEO I

Disagree	1	2	3	4	Agree

Scanned by CamScanner

PEO II

Graduates will become successful Civil Engineers by applying their technical and managerial skills and disseminate the knowledge with confidence in various disciplines of Civil Engineering as a responsible citizen

3.2.1 Are you employed in a Civil Engineering Profession after your undergraduate programme? **YES | NO**

3.2.2 Are you continuing in the same organisation? **YES | NO**

3.2.3 Are you satisfied with the progress made in your career? **YES | NO**

3.2.4 Are you a member of any professional body or do you participate in any meeting related to the professional societies? **YES | NO**

3.2.5 Are you a licensed profession engineer? **YES | NO**

3.2.6 Have you been promoted since first employed? **YES | NO**

3.2.7 Your rating on a four point scale on the achievement of PEO II

Disagree	1	2	3	4	Agree

PEO III

Graduates will initiate an active programme for lifelong professional achievement and expertise through continuous development

3.3.1 Have you pursued any higher education after your undergraduate programme? **YES | NO**

3.3.2 Are you involved in any research oriented activities? **YES | NO**

3.3.3 Have you participated in technical workshops, conferences, seminars or other similar programmes? **YES | NO**

3.3.4 Have you published any technical papers in refereed journals or presented papers in any technical conference on your own interest? **YES | NO**

3.3.5 Your rating on a four point scale on the achievement of PEO III

Disagree	1	2	3	4	Agree

Scanned by CamScanner

KPR Institute of Engineering and Technology, Coimbatore-641 407.

DEPARTMENT OF ECE

Parents Meeting –Feedback form Date : 11/2/17

Name of the Parent	V. Rajan	Name of the Student	R. Priyadharshini
Designation & organization	Technician, Flowlink	Year of Study	✓ II / III Year
Contact No. & Mail Id.	9003863276	Contact Address	2/343, bathrakaliamman koil St, Kurumba Palayam, MS Pudur (Po), Cbe.

1. Whether the Parent meeting is informed well in advance? ~~YES~~ / NO
2. Are you willing to participate this kind of meeting frequently? ✓ YES / NO
3. Are you satisfied about your son/daughter academic performance? ✓ YES / NO

   (If NO, give reason)

4. Are you aware of the Dept. /Institute development activities? ✓ YES / NO
5. Suggestion for improvement:

V. Rajan

Signature

KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY,
COIMBATORE-641 407.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Employer Feedback Form

Information of the Employee:

Name of the Employee	Saravanakumar suba
Designation of the Employee	Supervisor
Name & address of the organization	Dencil pumps private Limited, Mumbai.

Feedback about the employee:

S.No	Parameter	Excellent	Good	Average	Unsatisfactory
1.	Contribution in development of Organization		✓		
2.	Quality of work			✓	
3.	Communication Skills		✓		
4.	Ability to work independently		✓		
5.	Interest and motivation			✓	
6.	Involvement in social activities		✓		
7.	Develop practical solutions for workplace problems			✓	
8.	Appearance (e.g. dress code)		✓		
9.	Inclination to adopt new Technology		✓		
10.	Overall impression about the performance		✓		

Signature

KUNAL SINGH

Name & Designation of the authority

(HR)

CIVIL ENGINEERING PROGRAMME: EXIT SURVEY

This exit survey is an assessment tool prepared to evaluate the outcomes of our Civil Engineering students who just recently graduated from the Civil Engineering (CE) programme at KPR Institute of Engineering and Technology (KPRIET), Coimbatore

[1] Personal Information

Name of the Graduate : S. Karthik Priya
Roll No. : 711314103057
Year of Graduation : 2018
Contact Number : 9488711463
Email ID : karthikpriya5796@gmail.com
Address : 2B1 Bafnasaidarshan apartments 16, Sathyamoorthy street, CBE-25

[2] Outcome Achieved after Completing the CE Programme

(Please rate your achievement)

a) **Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems**

Strongly Disagree 1 2 3 4 Strongly Agree

b) **Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences**

Strongly Disagree 1 2 3 4 Strongly Agree

c) **Design solution for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations**

Strongly Disagree 1 2 3 4 Strongly Agree

d) **Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions**

Strongly Disagree 1 2 3 4 Strongly Agree

Scanned by CamScanner

e) Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

Strongly Disagree 1 2 3 4 Strongly Agree

f) Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

Strongly Disagree 1 2 3 4 Strongly Agree

g) Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development

Strongly Disagree 1 2 3 4 Strongly Agree

h) Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice

Strongly Disagree 1 2 3 4 Strongly Agree

i) Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

Strongly Disagree 1 2 3 4 Strongly Agree

j) Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentation, and give and receive clear instructions

Strongly Disagree 1 2 3 4 Strongly Agree

k) Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and a leader in a team, to manage projects and in multidisciplinary environments

Strongly Disagree 1 2 3 4 Strongly Agree

Scanned by CamScanner

l) **Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change**

Strongly Disagree 1 2 3 4 Strongly Agree

m) **Able to design, construct and provide sustainable solutions through consultancy service**

Strongly Disagree 1 2 3 4 Strongly Agree

n) **Able to execute projects, prepare reports and practice professional licensure service**

Strongly Disagree 1 2 3 4 Strongly Agree

[3] Education Experience(please kindly encircle your choice)

a. **Does the department of CE satisfy your expectations?**

Strongly Disagree 1 2 3 4 Strongly Agree

b. **Do you think that the department of CE prepared you for employment in your core area?**

Strongly Disagree 1 2 3 4 Strongly Agree

c. **Does the curriculum of CE satisfy your academic requirements to compete with other graduates of the same programme in other institutions?**

Strongly Disagree 1 2 3 4 Strongly Agree

d. **Are you satisfied with the use of modern engineering tools and engineering codes of practice related CE during your course of study?**

Strongly Disagree 1 2 3 4 Strongly Agree

e. **Are you satisfied with the teaching methodology and content delivery of CE programme?**

Strongly Disagree 1 2 3 4 Strongly Agree

f. **Do you think that the CE programme have given you an exposure to R &D activities?**

Strongly Disagree 1 2 3 4 Strongly Agree

Scanned by CamScanner

g. **Are you confident enough that the CE programme has prepared you to practice as a professional Civil Engineer after 3 years from now?**

Strongly Disagree 1 2 3 4 Strongly Agree

h. **Are you satisfied with the faculty competency?**

Strongly Disagree 1 2 3 4 Strongly Agree

i. **Do you recommend the CE programme of KPRIET to others?**

Strongly Disagree 1 2 3 4 Strongly Agree

[4] Future Plan of Action(please kindly tick your choice)

a. **Do you have any current job offer?** YES | NO

b. **Have you planned for higher studies?** YES | NO

c. **Have you got any admission for higher studies at abroad?** YES | NO

[5] Do you have any suggestions for quality improvement of CEP?

Industrial guest lectures can be arranged in more numbers.

SIGNATURE

Scanned by CamScanner

KPR Institute of Engineering and Technology

Arasur, Coimbatore - 641 407

21/03/2018
5:02:03PM

Feedback Scoring Sheet for individual Staff in EEE FB EVEN SEM MAR 2017-18 for a Sem Period Even Sem - 2017

III B.E.Electrical and Electronics Engineering - A

Total No. of Students attended: 46 out of 52

Staff	Availability to assist students outside the class & after	Communication of ideas and information	Completion of syllabus as per plan	Description of course objective, outcome and plan	Display of enthusiasm & energy in presenting course materials	Encouraging the students for discussion / active participation	Make the student to understand the concepts & clear doubts	Not showcasing partiality among students	Punctuality in class timing	Use of teaching aids, ICT tools and clarity in writing	Average
LALITHA B / PST	97.17	96.30	97.61	96.52	97.17	96.74	95.87	96.52	96.96	96.74	96.76
MOHAMED IBRAHIM A / PE LAB	96.74	97.39	95.87	97.17	95.87	97.39	96.52	97.39	97.17	97.17	96.87
MOHAMED IBRAHIM A / PSOC	97.83	96.74	98.26	97.83	96.52	98.26	96.96	97.61	96.74	97.61	97.43
SARAVANAN G / PSTS	95.22	96.52	96.09	94.78	95.65	96.30	94.78	96.09	95.43	95.65	95.65
SARAVANAN G / SSD	94.13	94.35	95.43	93.26	95.22	95.87	95.00	94.57	94.35	92.17	94.43
SIDDHARTHRAJU K / CE	95.43	95.22	93.48	94.13	96.09	95.65	96.74	95.87	95.87	96.09	95.46
SIVAKUMAR K / ES	96.30	96.74	98.04	96.52	96.96	97.17	96.30	95.87	97.17	96.74	96.78
SRIRAMPRAKASH S / MPMC LAB	96.30	97.61	98.04	96.30	96.96	97.39	97.39	96.74	97.61	97.39	97.17
VIVEKANANDAN S / DEM	96.52	97.17	96.30	97.83	97.83	96.96	96.74	96.74	98.04	97.61	97.17

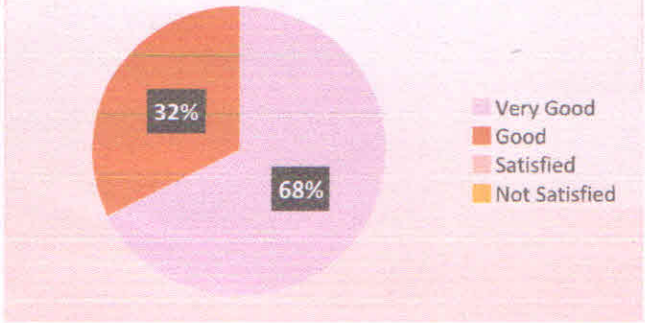
* No. of Students Answered for a Question * Avg Scored by Staff for a Question * Avg Scored by Staff for Feedback

HOD / EEE

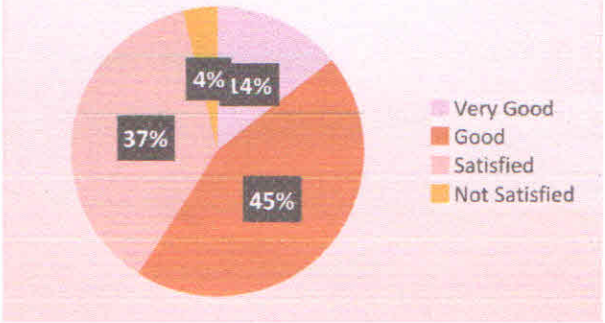
PRINCIPAL 22/02/18

Institutional Feedback

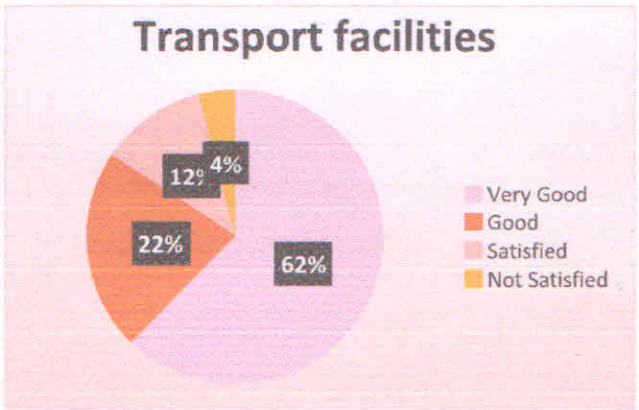
Academic facilities



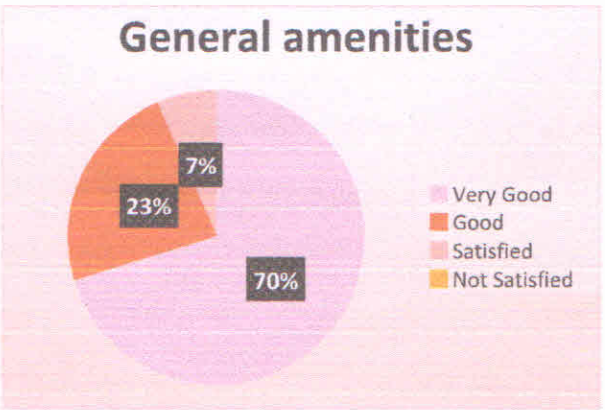
Basic amenities



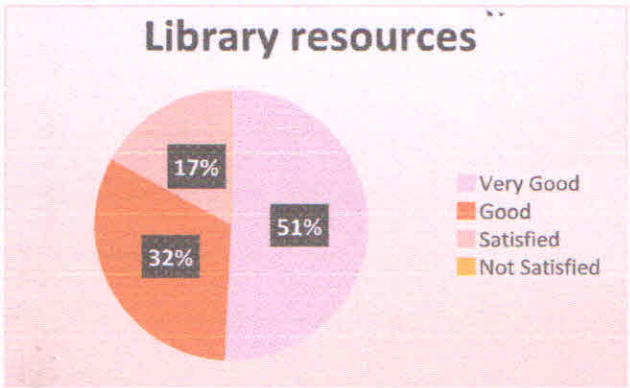
Transport facilities



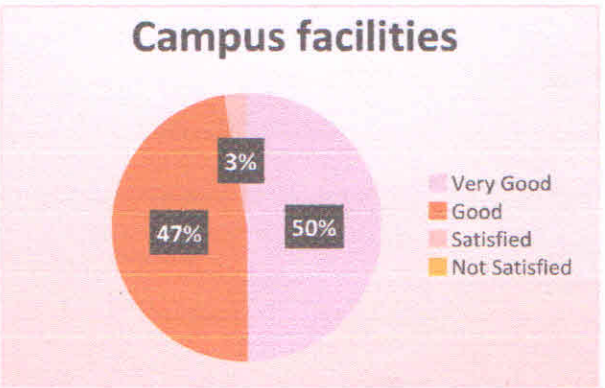
General amenities



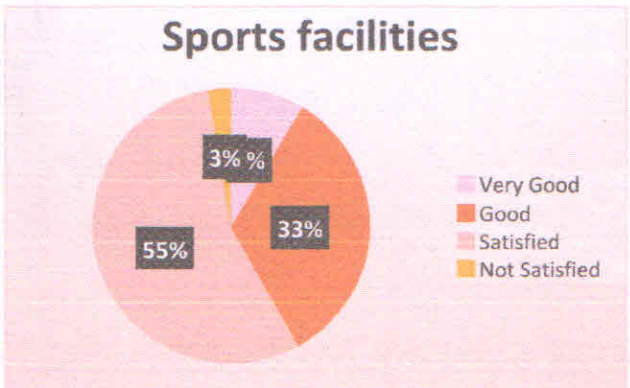
Library resources



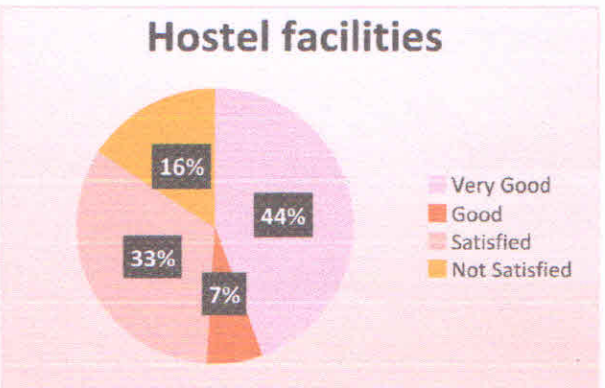
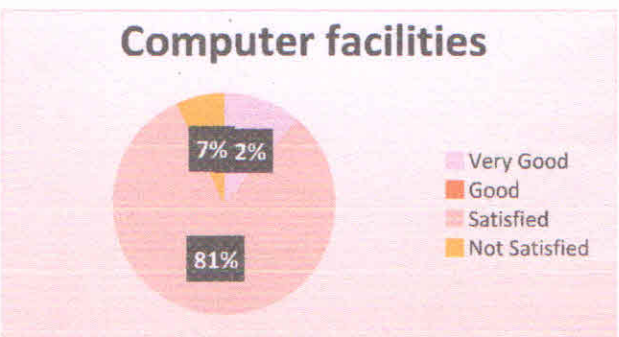
Campus facilities



Sports facilities



Hostel facilities



Computer facilities