PARK COLLEGE OF ENGINEERING AND TECHNOLOGY

KANIYUR, COIMBATORE

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

FOR

2016-17

Submitted to

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

ANNUAL QUALITY ASSURANCE REPORT FOR 2016-17

PART – A

1. Details of the Institution

Name of the Institution	PARK COLLEGE OF ENGINEERING AND TECHNOLOGY
Address Line 1	AVINASHI ROAD (NH 47)
Address Line 2	KANIYUR
City/Town	COIMBATORE
State	TAMILNADU
Pin Code	641659
Institution e-mail address	info@park.ac.in
Contact Nos.	0421 - 2334786, 0421 - 2911100
Name of the Head of the Institution:	DR. G. MOHAN KUMAR
Tel. No. with STD Code:	0421 - 2911200
Mobile:	+91 94437 43348
Name of the IQAC Co-ordinator:	DR. R. VADIVEL
Mobile:	+91 94437 43342
IQAC e-mail address:	drgmk@park.ac.in
NAAC Track ID	
NAAC Executive Committee No. &Date:	EC/44/A&A/11 dated 04-02-2008
Website address:	www.pcet.ac.in
Web-link of the AQAR:	http:// www.pcet.ac.in/AQAR2016-17.pdf

1.6 Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	2.73	2008	5 years
2	2nd Cycle	A	3.08	2016	5 years

Date of Establishment of IQAC: 18/03/2008

AQAR for the year

| 2016-17 |

Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

   i. AQAR2008-09 Submitted to NAAC on 10/08/2009
   ii. AQAR2009-10 Submitted to NAAC on 06/09/2010
   iii. AQAR2010-11 Submitted to NAAC on 18/08/2011
   iv. AQAR2011-12 Submitted to NAAC on 10/08/2012
   v. AQAR2012-13 Submitted to NAAC on 19/08/2013
   vi. AQAR 2013-14 Submitted to NAAC on 20/08/2014
   vii. AQAR 2014-15 Submitted to NAAC on 21/08/2015
   viii. AQAR 2015-16 Submitted to NAAC on 18/08/2016 (uploded in our website)

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 [ ]

(eg. AICTE, BCI, MCI, PCI, NCI)

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 [✓]

Type of Faculty/Programme

Arts [ ]   Science [ ]   Commerce [ ]   Law [ ]   PEI (Phys Edu) [ ]

TEI (Edu) [ ]   Engineering [✓]   Health Science [ ]   Management [ ]

Others(Specify) | . |

Name of the Affiliating University *(for the Colleges)*

Anna University, Chennai

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

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

2. **IQAC Composition and Activities**

No. of Teachers	6
No. of Administrative/Technical staff	2
2.3 No. of students	2
2.4 No. of Management representatives	1
2.5 No. of Alumni	2
No. of any other stakeholder and community representatives	1
No. of Employers/ Industrialists	2
No. of other External Experts	2
Total No. of members	18
No. of IQAC meetings held	4

No. of meetings with various stakeholders: No. [4] Faculty [2]

Non-Teaching Staff Students [1] Alumni [1] Others [ ]

Has IQAC received any funding from UGC during the year?   Yes [ ]   No [✓]

If yes, mention the amount [   ]

Seminars and Conferences (only quality related)

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

Total No. [27] International [3] National [5] State [14] Institution Level [5]

(ii) Themes [Refer Annexure I]

Significant Activities and contributions made by IQAC

> IQAC conducted the following programs
> - IQAC meetings
> - Refresher/Orientation Program
> - Initiatives to conduct career guidance programs
> - Initiatives to conduct Seminars/Conferences/Workshops/Symposiums
> - Feedback analysis from stake holders

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 *

Plan of Action	Achievements
- To meet stakeholders - To conduct Career Guidance Program - To organise Seminars / Conferences / Workshops / Career Guidance Program	Got their feedback for development Students got benefitted Students and Faculty updated their knowledge

* Academic Calendar is attached as Annexure II

Whether the AQAR was placed in statutory body   Yes [✓]   No [   ]

Management [✓]   Syndicate [   ]   Any other body [   ]

Provide the details of the action taken

> The Management has agreed to the proposals given by the IQAC and to support the execution of the same.

PART – B

CRITERION – I

CURRICULAR ASPECTS

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	3	-	-	-
PG	5	-	5	-
UG	8	-	8	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	16	-	16	-

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

(i) Flexibility of the Curriculum: Core/Elective option

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	13
Trimester	Nil
Annual	3

Feedback from stakeholders* Alumni [✓]   Parents [✓]   Employers [✓]   Students [✓]
(On all aspects)

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

*An analysis of the feedback is attached as Annexure III

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

The revision of rules and regulations, curriculum and syllabus are done every four years by the Anna University. For the current academic year 2016-17 no revision was introduced .

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

Nil

CRITERION – II

TEACHING, LEARNING AND EVALUATION

Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others (Lecturers & Senior Lecturers)
152	131	11	10	Nil

No. of permanent faculty with Ph.D.

15

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
26	16	01	10	03	01	NIL	NIL	30	27

No. of Guest and Visiting faculty and Temporary faculty

Nil	Nil	Nil

Faculty participation in conferences and symposia

No. of Faculty	International level	National level	State level
Seminars/Workshops Attended	40	55	3
Presented papers	81	6	-
Resource Persons	3	6	-

Innovative processes adopted by the institution in Teaching and Learning:

Teaching-learning is made more interesting and effective by the use of illustrations and power point presentations apart from non-projected aids. Class rooms are equipped with over-head and LCD projectors. Wired and Wi-Fi internet facilities are made available to faculty and students in entire campus. Value Added courses are also conducted regularly. Advanced Learners are provided additional inputs through journals and e-learning resources.

Students are given opportunities to take up research work along with faculty and to present papers at seminars and conferences on and off campus. Students take up industry oriented innovative projects. Class toppers are invited for special interaction with eminent speakers from industry and academia.

An ICT enabled campus and library facilities provide the necessary support to student-centric learning. Independent learning is promoted among students by allowing students to prepare and present seminar on curriculum based topics. Students undergo in-plant training, internships and use NPTEL and DELNET resources to kindle the imagination towards research and independent learning.

Eminent scientists, entrepreneurs and industrialists from both home and overseas are invited to share their knowledge and success stories with students.

Total No. of actual teaching days during this academic year

| 180 |

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

The institute is affiliated to Anna University , hence reforms can only be introduced by the University.

No. of faculty members involved in curriculum restructuring/ revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

| 3 | | |

Average percentage of attendance of students | 87 |

Course/Programme wise distribution of pass percentage

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E -Aero	96	-	70	20	-	81
B.E. -Mech	125	8	74	2	-	83
B.E. - ECE	75	-	61	5	-	66
B.E. -EEE	85	-	55	13	-	68
B.Tech. - IT	58	-	34	13	-	81
B.E-MCT	42	-	25	5	-	71
B.E.- CSE	50	-	72	10	-	82
MBA	8	38	50	-	-	88
B.Tech. - Textile	32	-	15	1	-	50
M.E. - ED	1	100	-	-	-	100
M.E. -Aero	11	9	72	-	-	81
M.E. -CSE	-	-	-	-	-	-

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

The IQAC of PCET contributes , monitors and evaluates the Teaching & Learning processes by way of conducting the periodical meetings. The outcomes of various proposals are recorded for improving the system of the quality of education and measures to be taken to improve and sustain the quality of higher education are discussed. The regular agenda of IQAC involves the preparation of academic calendar prior to the commencement of the academic year, knowledge assimilation of students after implementation of classroom tests and assignments, maintenance of records of tests and feedback. The IQAC collects on regular basis feedback from the students on quality of education, provision of resources etc and initiates improvement plans to enhance quality of education. Alumni are also a good source to give an honest appraisal about the various matters of the College .IQAC can effectively contribute to the teaching / learning process by monitoring the student performance via FDP and orientation programme.

Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	6
UGC – Faculty Improvement Programme	11
HRD programmes	1
Orientation programmes	5
Faculty exchange programme	3
Staff training conducted by the university	5
Staff training conducted by other institutions	12
Summer / Winter schools, Workshops, etc.	17
Others	1

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	60	01	NIL	NIL
Technical Staff	24	04	NIL	NIL

CRITERION – III

RESEARCH, CONSULTANCY AND EXTENSION

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

- The Research Council supports and encourages participation in research activities.
- Initiatives have been taken to create awareness among students on Entrepreneurship Development
- Lot of extension activities such as TED and INK are planned at the campus
- AURA TV is launched in the campus to inculcate passive learning among students

Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	2	-	-
Outlay in Rs. Lakhs	18,00,000	53,23,000	-	-

Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	-	2	2
Outlay in Rs. Lakhs	20000	-	-	-

Details on research publications

	International	National	Others
Peer Review Journals	19	-	-
Non-Peer Review Journals	2	1	-
e-Journals	5	-	-
Conference proceedings	47	1	-

b

Details on Impact factor of publications:

Range | 0.5 | Average | - | h-index Nos. In | 3 | SCOPUS | 3 |

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 (In Lakh Rupees)	Received (In Lakh Rupees)
Major projects		MNRE	2,780,000	837,000
		NSTL	4,700,000	1,320,000
		AICTE	18,00,000	18,00,000
Minor Projects	2016-2017	PARK College of Engineering and Technology	20,000	20,000
Interdisciplinary Projects		-	-	-
Industry sponsored		-	-	-
Projects sponsored by the University/ College		-	-	-
Students research projects (other than compulsory by the University)		-	-	-
Any other(Specify)		-	-	-
Total			9,300,000	3,977,000

No. of books published   i) With ISBN No. | 1 | Chapters in Edited Books | 2 |

ii) Without ISBN No. | - |

No. of University Departments receiving funds from

UGC-SAP | - | CAS | - | DST-FIST | - |

DPE | - | DBT Scheme/funds | - |

For colleges   Autonomy | - | CPE | - | DBT Star Scheme | - |

INSPIRE | - | CE | - | Any Other (specify) | - |

Revenue generated through consultancy

| Rs. 10000 |

No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	-	-	-	-
Sponsoring-Self	2	-	-	-	-

No. of faculty served as experts, chairpersons or resource persons — 7

No. of collaborations   International — 2   National — 14   Any other — -

No. of linkages created during this year — 1

Total budget for research for current year in lakhs:

From funding agency — MNRE, NSTL   From Management of University/College — -

Total — 5,573,000

No. of patents received this year - Nil

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

Total	International	National	State	University	Dist	College
4	3	-	-	1	-	-

No. of faculty from the Institution
who are Ph. D. Guides — 8
and students registered under them — 58

No. of Ph.D. awarded by faculty from the Institution — 3

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

JRF — -   SRF — 1   Project Fellows — -   Any other — -

No. of students Participated in NSS events:

University level — 100   State level — -

National level — -   International level — -

No. of students participated in NCC events:

University level — -   State level — -

	National level			International level	

No. of Awards won in NSS:

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

No. of Awards won in NCC:

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

No. of Extension activities organized

University forum	-	College forum	-
NCC	-	NSS	2	Any other	-

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

Sl. No.	Details of the Event	Date	Guests / Remarks
1.	Cleaning Campaign- PCET	10-01-2017	-
2.	NSS Camp- ARASUR Village, Sulur, Coimbatore	14-03-2017 to 20-03-2017	Mr .Nandhakumar, NSS Coordinator

CRITERION – IV

INFRASTRUCTURE AND LEARNING RESOURCES

Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area in acres	25.51	-	-	25.51
Class rooms in sq. m	5,256	-	-	5,256
Laboratories in sq. m	15,568.58	-	-	15,568.58
Seminar Halls in sq. m	1748.98	-	-	1748.98
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	26	1	Management	26
Value of the equipment purchased during the year (Rs. in Lakhs)	57.21	1.5	Management	59.21
Others	-	-	-	-

Computerization of administration and library

Smart campus software for administration and library management software, bar coding, reprographic facilities, Liba soft are available.

Library services:

	Existing		Newly added		Total	
	No.	Value (Rs.)	No.	Value (Rs.)	No.	Value (Rs.)
Text Books	36,421	93,25,250.00	1034	2,55,375.00	37301	95,80,625.00
Reference Books	1904	14,73,000.00	60	30,000.00	1964	15,03,000.00
e-Books	NPTEL	2,00,000.00	-	-	-	2,00,000.00
Journals	110	6,43,427.00	110	1,50,000.00	139	7,93,427.00
e-Journals	153+	37,540,79.30	153+	8,20,243.00	153+	45,74,322.00
Digital Database	56	1,00,896.00	6	22,761.60	62	1,23,657.60
CD & Video	77	65,654.70	13	15,171.40	90	81,826.10
Rack	16	16,00,000.00	-	-	-	16,00,000.00
Furniture	-	15,00,000.00	-	-	-	15,00,000.00

Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	880	750	60	10	-	20	40	-

Added	90	21	-	-	-	-	9	60
Total	970	771	60	10	-	20	49	60

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

> Students access E-learning materials e.g. NPTEL from IITs, Eklavya technology channel during regular and outside working hours and also during weekends. The Seminar Halls, LCD projector and Language Lab facilitate enhanced learning experiences for undergraduate and post graduate students. Regular Webinars are organised in the campus by Infosys which enable both students and faculty to interact with subject experts across continents. Students and faculty have access to e-journals on subjects of interest. Technology-skill enrichment courses are offered by MoU partners, FDP conducted by Infosys –Mysore and Mission 10X by Wipro. Entire campus is having Wi-fi connectivity for 24 hours. Workshops on any new development or applications in software are regularly conducted for faculty and students.

Amount spent on maintenance in lakhs:

i) ICT

8.00

ii) Campus Infrastructure and facilities

76

iii) Equipments

25.49

iv) Others

1089.15

Total:

1198.6

CRITERION – V

STUDENT SUPPORT AND PROGRESSION

Contribution of IQAC in enhancing awareness in Student Support Services

IQAC has created awareness with the students for independent learning through NPTEL, DELNET and E-journal for innovative research thinking with social relevance. Eminent scientists and industrialists are invited to enhance their knowledge to give shape to their concept. Student member of IQAC are invited in evaluating present teaching learning process and contributing for its improvement. The student's involvement in enhancing quality initiatives resulting in overall performance of the institution. The quality in academic and administrative excellence is obtained by the involvement of various academic and administrative eminent persons involved in IQAC which gives holistic development of the Institute. IQAC is also acting as nodal agency for internationalisation of quality by voluntary participation.

Efforts made by the Institution for tracking the progression

IQAC of the Institution monitor and enhance students' progress and steps taken for achieving development for excellence. It is also setting up benchmark parameters in various aspects of the Institute and evaluated. The strategies adopted in removing deficiency is monitored and evaluated to achieve the expected result. Periodic feedback of the students and parents are given weightage for the academic and overall development of the students and Institution. The Institutional progress and students' progress are collected, analysed and documented in an organised method. The information of any kind of development is well communicated to all concerned.

(a) Total Number of students:

UG	PG	Ph. D.	Others
1658	24	40	NIL

(b) No. of students outside the state:

73

(c) No. of International students (NRI):

-

Men:

No.	%
1286	76.4

Women:

No.	%
396	23.5

Demand ratio -NIL

Dropout %- 1.35%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2033	263	303	2258	1	2607	129	147	52	1354	-	1682

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

1st YEAR   SOFT SKILL TRAINING

2nd YEAR   ENGLISH LANGUAGE TRAINING

3rd YEAR   APTITUDE&REASONING

4th YEAR   C, C++, DATA STRUCTURES

No. of student beneficiaries : | 1200 (approx.) |

No. of students qualified in these examinations in the academic year 2016-17

NET | - | SET/SLET | - | GATE | - | CAT | |

IAS/IPS etc | - | State PSC | - | UPSC | - | Others | - |

Details of students counselling and career guidance

| Refer Annexure I |

No. of students benefitted | 1400 (approx.) |

Details of campus placement

On Campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
71	400	184	80

Details of gender sensitization programme

Sl. No	Programme	Name of the Chief Guest	Month / year	Remarks
1.	Self Defense (Silambam)	1. Mr.K.Ravichandran Physical Director, Park School, CBE.	March 2017	Girls were educated about Self Defence
2	DURGA 17	1.Mrs.DEVIKA RAMESH. Executive Director RMP Group of company, CBE.	March 2017	International Women's Day Celebration

Students Activities

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

State/ University level [25]   National level [-]   International level [-]

No. of students participated in cultural events

State/ University level [-]   National level [-]   International level [-]

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

Sports : State/ University level [10]   National level [-]   International level [-]

Cultural: State/ University level [-]   National level [-]   International level [-]

Scholarships and Financial Support

	Number of students	Amount (In Rs.)
Financial support from institution	35	20,60,000.00
Financial support from government	1042	69,53,540.00
Financial support from other sources (First Graduate)	282	56,40,000.00
Number of students who received International / National recognitions	Nil	Nil

Student organised / initiatives

Fairs   : State/ University level [-]   National level [-]   International level [-]

Exhibition: State/ University level [-]   National level [-]   International level [-]

No. of social initiatives undertaken by the students

Major grievances of students (if any) redressed: Campus water shortage was resolved by drilling additional bore wells in the campus.

Criterion – VI

Governance, Leadership and Management

State the Vision and Mission of the institution

VISION:
- To pioneer potentials of students and faculty in engineering education through world class infrastructure and educational resources for learning, teaching and research.

MISSION:
- To create infrastructure and facilities of very high standards.
- To maintain world class laboratories, workshop and educational resources for learning, Teaching and research.
- To ensure effective implementation of the given curricula through highly qualified and Competent faculty.
- To provide continuous evaluation, assessment, test and examinations for improving the quality of its educational input processes and outputs.

Does the Institution has a management Information System

Yes, the institute has management information system. Absent report and leave details of students and faculty are generated. Students' academic developments with progressive improvement in their class test, Unit test etc. are monitored and analyzed. The central library is having RFID system for issue, return, verification of books and library user details.

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

Curriculum Development

Curriculum development involves interaction among teachers, academic subject experts, industrialists. The curriculum is revised every four years by Anna University, by constituting an expert committee involved in the subjects and approved in the board of studies and academic council. In every revision the recent developments in technologies and adoption of the same in the industries are considered. The revised curriculum is adopted in our institution since our institution is affiliated to Anna University.

Teaching and Learning

Different methods for teaching and learning followed are:
- Directed study of texts, study of E - learning materials, mediated self-instruction, film and video presentations, conventional lectures, class discussions, seminars, practical work, etc.
- The expert lecture, National and International seminars/conferences/workshops are also conducted to learn the latest developments and also to have interaction with the experts.
- Learning by doing is practiced to encourage the students to plan, probe, experiment and verify on a wide spectrum.

Examination and Evaluation

The programme of study is evaluated continuously through internal evaluation and an external evaluation. Internal evaluation is done throughout semester in the form of internal tests, daily tests and assignments. External evaluation is done at the end of every semester in the form of University examinations. A weightage of twenty percentage is given for internal tests and eighty percentage is for University examinations.

Based on the credits and marks obtained by the student in the internal tests and University examinations the SGPA (Semester Grade Point Average) and Cumulative Grade Point Average (CGPA) will be calculated for entire program. Award of class will be finalized based on CGPA.

Research and Development

Research and Development cell is an integral part of the activities of College. The College conducts research activities under all the departments and the Academic Research Centers.

This cell facilitates, channelizes, records, and regulates all the academic, sponsored, collaborative research projects and consultancy works in the organization. The research is conducted in areas of core and applied subjects, information and communication technology, electronics, electrical, artificial intelligence, machine design, manufacturing, product design, new energy resources, aeronautics, etc. The research projects have also acted as the training ground for the young post-graduates of our college.

Library, ICT and physical infrastructure / instrumentation

The Library of Park College of Engineering and Technology has set its vision as to satisfy the user community. The library is situated on the ground floor of Techno Park with a floor area of about 8000 sq.ft. The library has ever-growing collections of Books, Periodicals, CD's, Back Volumes, Projects, etc in various branches of Engineering, Science and Technology.

Periodical Section:
The periodical section contains journals, magazines and newspapers arranged department wise. More than 293 periodicals are available for reference.

Book Section:
The book section is equipped with open-adjustable-modern-book stock rack for the collection of books which contain 37301 books for lending. The books are conveniently classified department wise. Bay guides and computer information facilities are available for easy access system which makes the process for locating books at ease for the students.

lation Section:
Smart -chip affixed identity cards are provided to all the members of faculty and students. Circulation services are fully computerized with Smart Card and bar code facility

Reference Section:
The library consists of about 1964 reference books including Dictionaries, Encyclopaedias and a collection of University Question Papers for reference. A number of books are available in this section for the preparation of competitive exams like GATE, TOEFL, GRE, GMAT, Civil Service Exam, Defence Service Exam and other similar exams.

Book bank section:
The book bank section is available with the collection of 704 books. These books are being circulated among the SC & ST students.

ICT & Infrastructure:
LCD projectors, Desktop systems, printers, internet switches, 20 KVA UPS and 10 KVA UPS, diesel power Generators (250 KVA), application software and systems software are available readily for students up to 7 pm.

Human Resource Management

> Exclusive HR department is available to take care of assessment of faculty requirements, call for applications, recruitment and appointment.
> Induction training is also provided for new recruits. They also take care of faculty welfare and appraisal.

Faculty and Staff recruitment

- Qualification, eligibility criteria, pay and pay scale are as per the AICTE & state government norms.
- For the recruitment of quality faculty, proper advertisements were given in dailies and the faculty members were selected and appointed after going through following steps:
  1. Subject and skill interview by subject experts
  2. Demonstration
  3. General Interview by the Principal of the college
  4. Interview by Management to finalize the selections

Industry Interaction / Collaboration

> It aims to facilitate the process of close industry-institute interaction and actively promote various co-operative programs for the development of students and faculty. Industry interaction cell strives to enhance industry interaction with students and bridge the gap between academic and corporate world. IIC invites leaders, entrepreneurs, executives and policy makers to address students thereby facilitating practical learning.
> Major events organised in the college are:
> Guest lectures
> Industrial visits
> Placement sessions
> TEDx Programmes

Admission of Students

> A candidate should possess the eligibility of 10+2 qualification with Mathematics, Physics and Chemistry as his/her optional subjects, or any other equivalent examination recognized as equivalent there to. The students are admitted in the Government quota based on the Tamilnadu state counseling for engineering admission for 65% of students.
>
> The Management admits 35% of candidates for the Management and NRI quota based on the norms stated by the AICTE and Tamilnadu Self-financing Engineering Colleges

Welfare schemes:

The following welfare schemes are available for staff and students.

Teaching	Group Insurance, PF
Non-teaching	Group Insurance, PF
Students	Group Insurance

Total corpus fund generated | Rs.75,00,000

Whether annual financial audit has been done   Yes ☑   No ☐

Whether Academic and Administrative Audit (AAA) have been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	A. Selvaraj &Co.	Yes	Committee appointed by the Principal
Administrative	-	-	-	-

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

For UG Programmes   Yes ☑   No ☐

For PG Programmes   Yes ☑   No ☐

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

- University revises the exam rules and regulations for every four year whenever the syllabus is revised.
- Proper guide lines are given for conduct of examination and evaluation of answer scripts and publication of results on time.

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

- Introduced innovative academic programmes whenever needed for research programme.
- Facilitate the introduction of new courses of study, subject to the required minimum number of hours of instruction, content and standards, whenever curriculum is revised.

Activities and support from the Alumni Association

An alumni meeting is conducted every year. They regularly interact with the students to create awareness about the industry environment and industrial opportunities for their career development. Alumni are also invited to give Guest lectures on latest trends and development in technologies.

Activities and support from the Parent – Teacher Association

Parent-Teacher meets are organised regularly. Parents can understand the academic

- Familiarize members of staff with key Institute policies and procedures
- Providing opportunities to enhance their practical skills for teaching and research
- Creating an environment which provides the opportunity to share ideas and experiences with other academic activities in the college

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

PCET has been making a conscious effort to establish the campus as a 'Plastic free" zone. A number of initiatives have been put in place to promote the concept of eradicating plastic from the environment. The management promotes planting of saplings in the campus as a part of making an eco-friendly environment.

E-waste to be disposed in the appropriate manner All ACs to be properly serviced by giving AMC and maintaining temperature at 24o C• Green audit to be conducted•

1. NSS Unit creates awareness of environmental hazards and of the urgent to keep the environment clean green and pollution free. NSS organised Swacch Bharat Abhiyan.

CRITERION VII

INNOVATIONS AND BEST PRACTICES

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

a. The institute undergoes MOU with industries to get involved in the research of product development. Also, creating innovative research interest for new ideas and practicing it by developing, projects. PG and PhD research students are exposed to funded research projects.
b. Tracking the progress of Research Scholars on regular basis (six months once) has resulted into completion of 8 research scholars in these two years.
c. TED and INK programs has resulted into a positive impact on students' learning curve and productivity in terms of good project works and paper publications.
d. Payment of fees in instalment for the needy.
   IQAC organized presentations of teaching techniques of newly recruited faculty, which was evaluated by senior faculty and suggestions were given for improvement

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

- The IQAC has held meetings with the various stakeholders of the institute through IQAC meetings, Alumni meet, Parents meet etc. The employers, alumni and parents feedback is also used as a forum to convey their opinions for better placements and further development of the institute as shown in section 2.15 of Part A.
- Refresher/ Orientation Program, Career Guidance Program are organised by the core departments as well as by training and placement cell for the benefit of the students as per the instruction given by the IQAC which is evident in section 5.4 and Annexure I.
- Seminars/Conferences/Workshops/Symposiums are also conducted for the development of the students as well as the teaching fraternity which is evident in section 5.6 in AQAR

7.3. Give two Best Practices of the institution

Refer Annexure IV

Contribution to environmental awareness / protection.

a. Park Trust has been the regular sponsor for events organized by Raindrops, a non-profit organization.
b. Conducted events such as Marathon, Walkathon etc. in order to create awareness about global warming and environmental changes at Coimbatore.
c. Park Trust adopted Kaniyur Village, demonstrated the mass clean campaign for Guinness Record which will happen in Coimbatore later part of 2015.

Whether environmental audit was conducted? Yes ✓ No

Any other relevant information the institution wishes to add. (For example SWOT Analysis)

Strengths	Opportunities
Teaching Learning Process Exposure to TED, INK and Entrepreneurship activities Sport Activities Funded R & D projects	More Research Publications More R & D funding More Industrial Consultancy Better University Results Innovative projects Patents
Weaknesses	Threats
Non availability of experienced and PhD qualified faculty. Additional Hostel accommodation for students	Faculty attrition

ANNEXURE I

LIST OF VARIOUS PROGRAMS ORGANISED

Sl. No.	Seminar/ Conference /Workshop /Guest Lecture/Care er Guidance/ Counselling	Title of the Program	National / Internati onal/ Target Audienc e	Month & Year	Chief Guest / Resource Person/With affiliation	Source of Funding
Aeronautical Engineering						
1	Workshop	Design of cowling for pumps and fans	Target Audience	June 2016	Dr. Krishnamoorthy, Scientist (Rtd), National Aerospace Laboratories (NAL), Bangalore	Park College of Engineering and Technology
2	Workshop	Stress Analysis of Structures	Target Audience	June 2016	Dr.Jayaraman, Scientist (Rtd), National Aerospace Laboratories (NAL), Bangalore	Park College of Engineering and Technology
3	Symposium	FLIEGEN'16	National	September 2016	Mr. V. Karthik, Scientist-G, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam	Aeronautical Engineering Association
Mechanical Engineering						
1	Conference	ICIRET 2017(INTERNATIONAL CONFERENCE ON INNOVATIVE RESEARCH IN ENGINEERING AND TECHNOLOGY)	Internati onal	March & April 2017	Dr.Gunasekaran (Higher Institute Of Technology, OMEN)	IEI,IIPE,ISTE
2	Project Expo	Park Innolympics 2016	National	OCT 2016	Dr.P.N.Srinivasamurty, Scientist (G), Additional Director Systems, GTRE,Bangalore	PCET
3	Engineers Day Celebrations	49TH Engineers Day Celebrations Excogitate'16	Institutio nal	September 2016	Mr.Jayakanthan, Manager, QC, Dresser Valves, Coimbatore	IEI

Electrical and Electronics Engineering						
1	WORKSHOP	PCB Designing Workshop	II EEE and ECE Students	July 2016	Mr. M. PRADEEP KUMAR Hexbedded Technologies, Coimbatore	EEE Association
2	WORKSHOP	PLC and SCADA Workshop	III EEE Students (57)	July 2016	Mr.Suresh, GIITR, Coimbatore	EEE Association
3	WORKSHOP	Embedded System Workshop	IV EEE and ECE Students (54+11)	July 2016	Mr.Suresh, GIITR, Coimbatore	EEE Association
4	Seminar	Seminar on Power System Studies Using ETAP	Final Year EEE Students (91)	Aug 2016	Mr.Mohamed Ismail, Project Research Engineer Technologic, Bangalore	EEE Association
5	Seminar	Seminar on Power System Studies Using ETAP	Third Year EEE Students	Aug 2016	Mr.Mohamed Ismail, Project Research Engineer Technologic, Bangalore	EEE Association
6	Guest Lecturer	Guest Lecturer	Final Year EEE Students	Aug 2016	Mr. Dinesh Kumar, IDP Education India Pvt.Ltd	EEE Association
7	Guest Lecturer	Switching Training Program	Final Year EEE Students	Feb 2017	Mr. Ramsundar, Stars Enhancing Emplobility, Coimbatore	EEE Association
8	Guest Lecturer	Guest Lecturer, Recent Trends in Industry	II & III Year Students	Feb 2017	Ms. A.T. Nandhini, NIIT, Coimbatore	EEE Association
Computer Science and Engineering						
1.	Workshop	Web Designing in PHP	Students	August 2016	Rintu Mohan, Beyond Zero Software	CSE Association

					Solutions	
2.	Workshop	Web Designing and Development	Students	October 2016	X.Levale, Litz Tech India Pvt Limited	CSE Association
3.	Workshop	Internet of Things	Students	Feb 2017	Avudaiyappan, Pantech Pro Solutions.	CSE Association
4.	Guest Lecture	Big Data	Students	March 2017	Dr.Bhuvaneshvari, Professor, Bharathuyar University	CSE Association
5.	Workshop	Mobile App Development	Students	March 2017	Kiran Kumar, AZE Tech Solutions.	CSE Association

Information Technology

1	Workshop	GnuPG & Kf Sensor Tools	Faculty	August 2016	T.Senthil Kumar Senior Lecturer, Amrita Institute of Technology & Science	Park College of Engineering and Technology
2	Workshop	Web Development using HTML 5	Students	August 2016	Ms.Meenakshi Jayaraman Senior Analyst-Hr-Generalist, DELL India.Pvt.Ltd	Park College of Engineering and Technology
3	Seminar	Data storage using software Hadoop open source software	Students	September 2016	Mr.V.John Vathamuthu,Chairman NOVASOFT E3 Technologies Pvt.Ltd. Mr.Riyaz 3D-Designer, NOVASOFT E3 Technologies Pvt.Ltd.	Park College of Engineering and Technology
4	Carrier Guidance	Awareness on Placement Opportunities	Students	January 2017	Dr.R.Snanth Sayanam, Bharathiyar University, Coimbatore.	Park College of Engineering and Technology

Electronics and Communication Engineering

1	Conference	Innovative Research in engineering and Technology	International/400	Mar & April 2017	Dr.Jayavel, Director Center for Research Anna	Self

					University, Chennai/ Dr.Jonathan Montero Cansino, Professor & Program Director Telecommunication Engineering,Higher college of technology, Muscat, Oman	
Textile Technology						
1	Seminar	Career aspects in fashion designing	Target audience	July 2016	Mrs.V.Bhanurekha Associate Professor Kumaraguru College of Technology Coimbatore Zone	Textile Technology Association
Mechatronics Engineering						
1.	Seminar	Recent trends in CNC machining & programming	Third year students	July 2016	Mr.R.Robinson Gnanadurai Assistant professor Karunya university Coimbatore.	SA-MCT
2.	Guest lecture	Career opportunities for engineering students in Defence sector	Final year & Third year students	July 2016	Lt. Esan Indian army	SA-MCT
3.	Seminar	CNC Programming	Third year students	Sep 2016	Mr.R.Robinson Gnanadurai Assistant professor Karunya university Coimbatore	SA-MCT
4.	Workshop	Industrial automation - PLC	Third year students and Faculty members	Feb 2017	Mr.B.Naresh&Mr.P.Kar thikeyan Axis global automation Coimbatore.	SA-MCT

ANNEXURE III

ALUMNI SURVEY ANALYSIS

Aim:

To assess the level of attainment of graduate attributes (GA)

Assessment Process:

1. Surveys are conducted, consolidated, evaluated and analyzed every year by the respective departments for their department.

2. Survey is taken from the employers of the alumni who have completed their course three years prior to the year of survey

3. Questions are presented to the employers and are asked to rank the achievement of each skill on a 1 to 4 scale

4. The survey form also includes a section for presenting open comments

5. The survey is conducted by sending the form by e-mails

6. Overall analysis for the institute is done by IQAC.

Evaluation:

If the Average credit point (A.C.P) > 3.5; GA achievement level is considered as excellent.

Between 2.5 to 3.4; GA achievement level is considered as Very good

Between 1.5 to 2.4; GA achievement level is considered as good.

Below 1.4; GA achievement level is considered as average.

If the GA achievement level is in the average category, necessary corrective plans/ actions must be initiated.

ALUMINI SURVEY ANALYSIS

Year: 2010-2011   **Period of Survey**: April 2014

1. Methodology

1. Alumni survey is conducted for <u>2011</u> passed out students.

2. Based on the survey results the attainment Level of scale (1-4) is noted.

3. Scale assessments mark range   Level 1= 4 marks

                        Level 2 = 3 marks

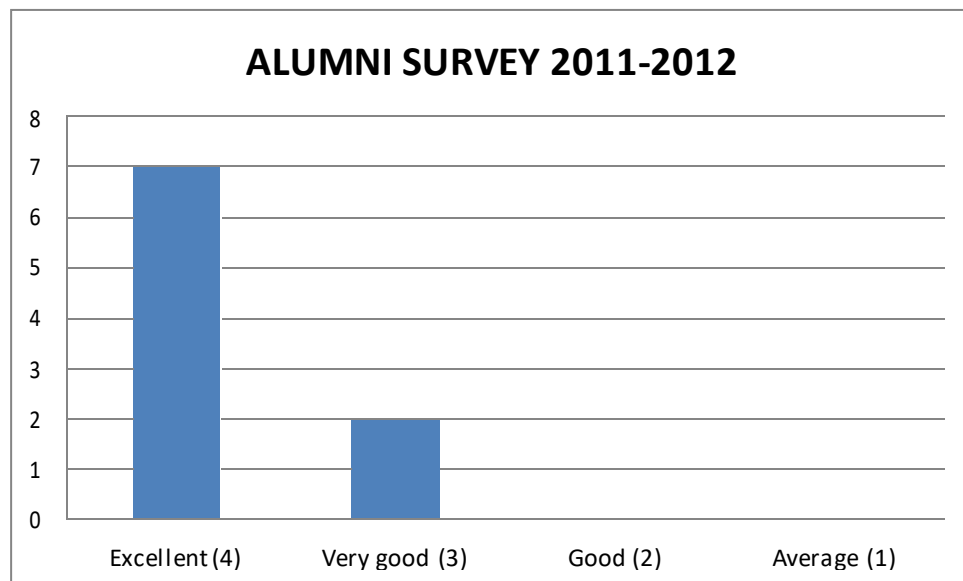   Level 3 = 2 marks

                        Level 4 = 1 mark

2. Tabulation

S. No	Department	No. of Participants	Total Credit points	Average Credit points	Achievement level
1	Mechanical Engineering	35	130	3.7	Excellent
2	Aeronautical Engineering	33	118	3.5	Excellent
3	Electronics and Communication Engineering	31	118	3.8	Excellent
4	Electrical and Electronics Engineering	33	119	3.6	Excellent
5	Information Technology	21	77	3.6	Excellent
6	Computer Science Engineering	19	58	3.0	Very Good
7	MBA	17	55	3.2	Very Good
8	MCA	16	58	3.6	Excellent
9	Textile Engineering	20	70	3.5	Excellent
Overall		**225**	**803**	**3.5**	**Excellent**

Consolidated Report:

Excellent (4)	Very good (3)	Good (2)	Average (1)
7	2	0	0

3. Graphical Representation

ALUMNI SURVEY 2011-2012

4. Comments (if any)

The overall achievement GA level is excellent.

5. Corrective Plans/Actions (if any)

Since the overall GA achievement level is excellent, no corrective plan/action is required.

Principal

EMPLOYER SURVEY ANALYSIS

Aim:

To assess the level of attainment of graduate attributes

Assessment Process:

1. Surveys are conducted, consolidated, evaluated and analyzed every year by the respective departments for their departments

2. Survey is taken from the employers of the alumni who have completed their course three years prior to the year of survey

3. Questions are presented to the employers and are asked to rank the achievement of each skill on a 1 to 4 scale

4. The survey form also includes a section for presenting open comments

5. The survey is conducted by sending the form by e-mails

6. Overall analysis for the institute is done by IQAC.

Evaluation:

If the Average credit point (A.C.P) > 3.5; GA achievement level is considered as excellent.

Between 2.5 to 3.4; GA achievement level is considered as Very good

Between 1.5to 2.4; GA achievement level is considered as good.

Below 1.4; GA achievement level is considered as average.

If the GA achievement level is in the average category, necessary corrective actions/ plans must be initiated.

EMPLOYER SURVEY ANALYSIS

Year: 2011-2012   **Period Of Survey**: April 2015

1. Methods to proceed of Survey

1. Employee survey is conducted for <u>2011</u> passed out students

2. Based on the survey results the attainment Level of scale (1-4)

3. Scale assessments mark range   Level 1= 4 marks

Level 2 = 3 marks

Level 3 = 2 marks

Level4 = 1 mark
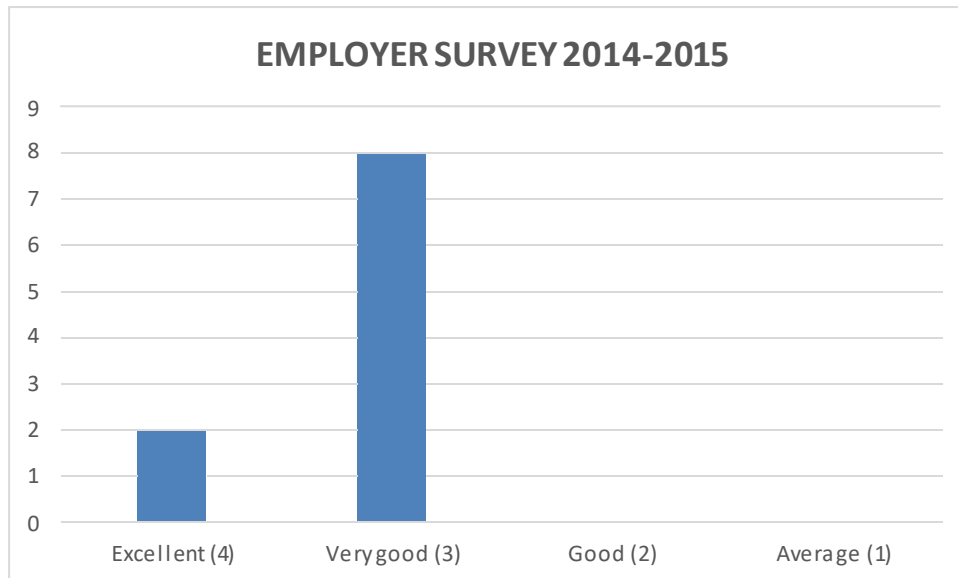
2. Tabulation

S. No	Department	No. of Participants	Total Credit points	Average Credit points	Achievement level
1	Mechanical Engineering	24	82	3.4	Very Good
2	Aeronautical Engineering	22	81	3.6	Excellent
3	Electronics and Communication Engineering	23	84	3.6	Excellent
4	Electrical and Electronics Engineering	24	82	3.4	Very Good
5	Information Technology	22	76	3.4	Very Good
6	Computer Science Engineering	20	78	3.9	Excellent
7	MBA	17	66	3.8	Excellent
8	MCA	19	63	3.3	Very Good
9	Textile Engineering	21	74	3.5	Excellent
Overall		**192**	**686**	**3.5**	**Excellent**

Consolidated Report:

Excellent (4)	Very good (3)	Good (2)	Average (1)
5	4	0	0

3. Graphical Representation

EMPLOYER SURVEY 2014-2015

Rating	Value
Excellent (4)	2
Very good (3)	8
Good (2)	0
Average (1)	0

4. Comments (if any)

The overall achievement level of GA is excellent.

5. Corrective Plans/Actions (if any)

Since the overall achievement level of GA is excellent, no corrective plan/action is required

Principal

PARENT'S SURVEY ANALYSIS

Aim:

To assess satisfactory level of parents, whether the institute provides, adequate teaching, training for placements, etc., to their expectation.

Assessment Process:

1. Surveys are conducted, consolidated, evaluated and analyzed every year by the respective departments for their departments.

2. Survey is taken from the parents of the students who are studying in this college when they visit the campus by the tutor

3. Questions are presented to the parents and are asked to rank the achievement of each skill on a 1 to 4 scale

4. If they are unable to read the questionnaire, member of the faculty assist them

5. The survey form also includes a section for presenting open comments

6. Overall analysis for the institute is done by IQAC.

Evaluation:

If the Average credit point (A.C.P) > 3.5; Parent satisfaction level is considered as excellent.

Between 2.5 to 3.4; Parent satisfaction level is considered as Very good

Between 1.5 to 2.4; Parent satisfaction level is considered as good.

Below 1.4; Parent satisfaction level is considered as average.

If the Parent satisfaction level is in the average category, necessary corrective actions must be initiated.

PARENT'S SURVEY ANALYSIS

Year: 2015-16   **Period of Survey:** Throughout the year

1. Methodology

1. Parents survey is conducted in the academic year <u>2014-2015</u>.

2. Based on the survey results the attainment Level of scale (1-4) is noted.

3. Scale assessments mark range   Level 1= 4 marks

                                     Level 2 = 3 marks

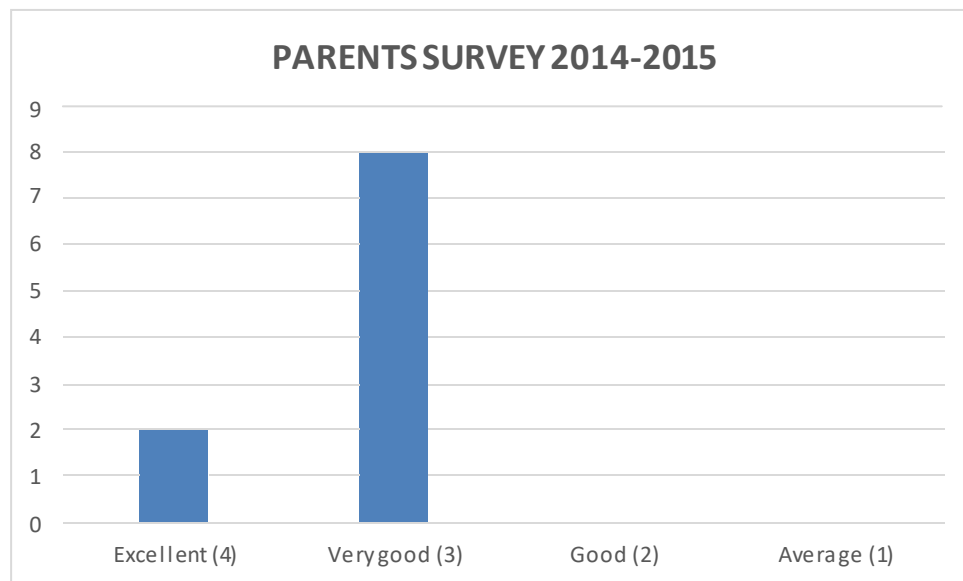   Level 3 = 2 marks

                                     Level4 = 1 mark

2. Tabulation

S. No	Department	No. of Participants	Total Credit points	Average Credit points	Achievement level
1	Mechanical Engineering	18	62	3.4	Very Good
2	Aeronautical Engineering	17	59	3.4	Very Good
3	Electronics and CommunicationEngineering	19	61	3.2	Very Good
4	Electrical and Electronics Engineering	17	51	3.0	Very Good
5	Information Technology	16	54	3.3	Very Good
6	Computer Science Engineering	10	31	3.1	Very Good
7	MBA	8	25	3.1	Very Good
8	MCA	7	26	3.7	Excellent
9	Textile Engineering	10	29	2.9	Very Good
10	Mechatronics Engineering	4	16	4.0	Excellent
Overall		**126**	**414**	**3.2**	**Very Good**

Consolidated Report:

Excellent (4)	Very good (3)	Good (2)	Average (1)
2	8	0	0

3. Graphical Representation

PARENTS SURVEY 2014-2015

A bar chart with the y-axis ranging from 0 to 9. The categories on the x-axis are: Excellent (4) with a value of 2, Very good (3) with a value of 8, Good (2) with a value of 0, and Average (1) with a value of 0.

4. Comments (if any)

The overall parent satisfaction level is very good.

5. Corrective Plans/Actions (if any)

Since the overall parent satisfaction level is very good, no corrective plan/action is required.

Principal

STUDENTS SURVEY ANALYSIS

Aim:

To assess satisfactory level of students, whether the faculty provides, adequate teaching aids, class room delivery as per their expectation.

Assessment Process:

1. Surveys are conducted, consolidated, evaluated and analyzed every year by the respective departments for their departments.
2. Survey is taken from the students by the faculty member of respective department
3. Questions are presented to the students and are asked to rank their opinion on a 1 to 4 scale
4. Overall analysis for the institute is done by IQAC.

Evaluation:

If the Average credit point (A.C.P) > 3.5; Students satisfaction level is considered as excellent.

Between 2.5 to 3.4; Students satisfaction level is considered as Very good

Between 1.5 to 2.4; Students satisfaction level is considered as good.

Below 1.4; Students satisfaction level is considered as average.

If the student's satisfaction level is in the average category, necessary corrective actions must be initiated.

STUDENTS SURVEY ANALYSIS

Year: 2014-15   **Period of Survey:** Twice a Year

1. Methodology

1. Students survey is conducted in the academic year <u>2014-15</u>

2. Based on the survey results the attainment level of scale (1-4) are noted.

3. Scale assessments mark range   Level 1= 4 marks

                Level 2 = 3 marks

                Level 3 = 2 marks
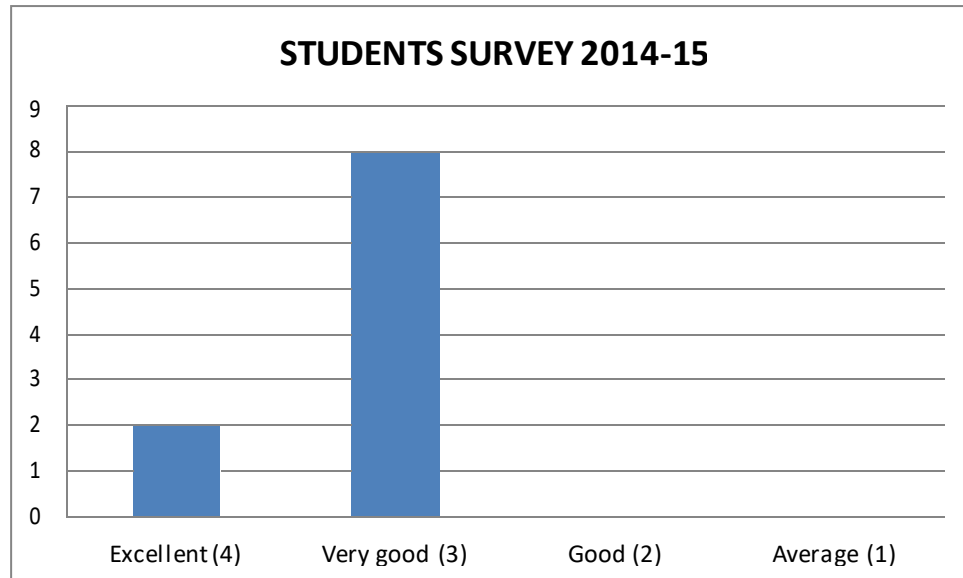
                Level4 = 1 mark

2. Tabulation

S. No	Department	No. of Participants	Total Credit points	Average Credit points	Achievement level
1	Mechanical Engineering	734	2518	3.4	Very Good
2	Aeronautical Engineering	690	2415	3.5	Excellent
3	Electronics and CommunicationEngineering	736	2473	3.4	Very Good
4	Electrical and Electronics Engineering	694	2422	3.5	Excellent
5	Information Technology	402	1352	3.4	Very Good
6	Computer Science Engineering	324	1100	3.4	Very Good
7	Textile Engineering	130	424	3.3	Very Good
8	Mechatronics Engineering	108	346	3.2	Very Good
9	MBA	126	388	3.1	Very Good
10	MCA	124	421	3.4	Very Good
Overall		**4062**	**13864**	**3.4**	**Very Good**

   * Consolidated analysis for year 2014-15

Consolidated Report:

Excellent (4)	Very good (3)	Good (2)	Average (1)
2	8	0	0

3. Graphical representation

STUDENTS SURVEY 2014-15

	Excellent (4)	Very good (3)	Good (2)	Average (1)
Value	2	8	0	0

4. Comments (if any)

Overall satisfaction level of the students is very good.

5. Corrective Plans/Actions (if any)

Since the overall satisfaction level of students is very good, no corrective plan/action is required.

Principal

Annexure IV

Best Practice 1

360 degree growth

1. **Title of the Practice**

   360 degree growth

2. **Goal**

   Park College of Engineering and technology has always concentrating on the all-round development of the students. The college continues to do extremely well in both co curricular and extracurricular activities of the students. To enhance the 36o degree growth of the students the college has created 30 student clubs. 360 degree growth is a platform for students to shape themselves and work on their dreams. Clubs guide them, help them to achieve both technical and non-technical excellence.

3. **Objectives of the Practice**

   The main objective of the clubs is

   - To help the students to work on their dreams and passion.
   - To create a sense of belonging to the college by way of conducting club activities and organizing events and fests.
   - To bring out the creative side in everyone.
   - To exposes the outside real world to the students.
   - To help the students to master everything in a wide spectrum like music, debate, literature, technical, coding etc.

1. **The Context**

   360 Degree growth consists of an umbrella of clubs that are created and managed by the students themselves. These clubs will have their own advisors and governing bodies. Each of these clubs is provided with class rooms or Laboratories to organize the events and activities as per the schedule. The senior students who are experts will train and guide the junior students in the activities. Each club has a staff and

student coordinator to monitor the sessions. The club members will meet every alternative Saturday afternoon to discuss and plan the club activities.

2. The Practice

During the beginning of every odd semester the club coordinators and governing bodies are selected. The first meeting of the club will be started in the second week from the college reopening date after summer vacation. Every month two Saturday afternoon sessions will be allocated for club activities. The club members will meet in those days to discuss and train themselves. Teh club activities are regularly conducted every month other than the exam months during both even and odd semester. All the clubs went about their activities. Tamil mandrum successfully conducted its work by increasing the number of students enrolled by 200%. Technical club organized several workshops and training activity. The students were encouraged to participate in other college technical events.

3. Evidence of Success

The clubs has been instrumental in driving students towards their dreams.

Tamil mandram has actively organized several literary programs which were broadcast in local TV channels

Graphics Club, Web Designing: The members of the club thoroughly understood how to handle graphics and to design websites in a hands-on and practical method.

Foreign Language: German was taught to the students by Foreign Language club.

App Development: Fully functional applications were developed and implemented.

Dance Club: The students of the Dance Club participated in external events held in reputed institutions

Photography Club: A workshop on Photoshop was organized by the club in collaboration with IT department.

4. Problems encountered and Resources required

Limited Open Saturdays: There was a lack of continuity between two consecutive open Saturdays. The major cause was most Saturdays were declared as a holiday by the Government. Another cause was the internal assessment exams had to be conducted on a Saturdays, because considering 6 subjects, it is more practical to complete the internals in one solid week.

Attendance: When the week following an Open Saturday is a holiday, then the number of students attending the Open Saturday also reduces, with most hostel students leaving to their hometowns. This causes a significant drop in the number of students present

Healthy Competition between Clubs: A healthy competition should be ensured to make the clubs even more interesting and even more creative. A suggestion is to encourage competitions between clubs to see who turns out with the upper hand.

5. Suggestions to improve

Reach: Open Saturdays is limited only half day in the afternoon. Morning session can be added to it. Morning session can be utilized for learning something new; afternoon session is implementation of the newly acquired knowledge.

Invite outside lectures: Technical club must encourage students to learn new technologies for that experts can be invited on Saturdays.

Inter club contests: inter-club contests can be introduced and prices can be awarded in the annual day.

Improvement needed: Some club functioning can be improved further. For example more opportunity to be given to students at music club and dance club. Organize fests on the last Open Saturday of the academic year

Best Practice 2

Career Development Programme

1. **Title of the Practice**

   Career Development Programme

2. **Objectives of the Practice**

   - To prepare the students to be successful in job market
   - To shape the students to achieve Core Competencies to face not only local demand but also global requirements
   - To build the capacity of students in soft skills namely, Aptitude, Communication, Intrapersonal and Interpersonal, Group Discussions, Interview and Presentations and Technical Skill

3. **The Context**

   The Chief Executives of MNCs / Vibrant Corporate who rule the job market lament that more than 80% of graduates who come to them for employment are not employable for want of required skills, right temperament and needed leadership acumen. This sad state of affairs may be due to the students' socio-economic background, study in Tamil medium schools and nonexposure to current development. However, this reality is realized, of late, by all the stakeholders of higher education. To arrest this trend of increasing unemployable graduates, the Colleges especially, have to play a vital role by training the students in Soft Skills like Aptitude Skills, Communication Skills, Intrapersonal and Interpersonal, Group Discussions, Interview and Presentations and Technical Skills.

4. **The Practice**

   Considering the mediocre level of students in studies and their insufficient potentialities, the Institution had been offering for many years Spoken English classes for all the First year and second year UG students. The college also provides Aptitude classes for Final year UG and PG students. These classes were handled by the faculty of English and Mathematics respectively with a view to strengthen the Communication Skill in English, Aptitude, Mental Ability and Reasoning Skill of the students to make them successful in getting employment. The Placement Cell of the College arranged PrePlacement Training by conducting Group Discussion, Mock-Interviews, Tests in Aptitude, Analytical and Logical Reasoning at the Final Semester of the UG and PG Programmes. Professionally trained persons in these components are invited and on week training programme is offered to all the students every semester.

5. Evidence of Success

An analysis of the feedback obtained from the UG and PG students on the usefulness and relevance of the Soft Skill courses clearly shows that they welcome this innovative step with open mind. Some of the senior UG and PG students feel this is a right step at right time taken by the college to enhance their performance in getting placements in MNCs and becoming entrepreneurs. The Placement Cell is quite satisfied with the splendid performance of students in Campus / Off Campus interviews. Some of the students, who would have been eliminated at the entry stage itself during recruitment drive, are short-listed in leading corporate organizations due to their proficiency in communicating in English and performance in Aptitude Tests.

6. Problems Encountered and Resources Required

- The expansion of this practice to all students in all semesters has made college to face the problem of shortage of professionally trained teachers to handle Skill Based Subjects. The college, therefore, entered into MoU with Professional Trainers to handle these Subjects which are supportive services to the students. The regular teachers who are not fully resourceful to handle these subjects are recharged with the assistance of Professional Trainers in a regular manner.

- Most of the students belong to first generation learners, rural areas, and Tamil medium schools. As a result, it is a problem to sustain their grasping power, concentration and interest throughout the class. The contents, teaching methodology and evaluation process and constant counseling refined these students to make this practice a fruitful one.

- Competent teachers, well prepared study materials, facilities for conducting on-line tests are the resources required for the successful implementation of this practice.

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