KARPAGAM
COLLEGE OF ENGINEERING
Rediscover | Refine | Redefine
Coimbatore - 641 032

Autonomous | Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade | Accredited by NBA (ECE, EEE, CSE and IT)

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

Academic Year 2015 –16

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

Contents

The Annual Quality Assurance Report (AQAR)

All NAAC accredited Institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the Institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.

Part – A

AQAR for the year

> June 1, 2015 – May 31, 2016

1. Details of the Institution

1.1 Name of the Institution

> KARPAGAM COLLEGE OF ENGINEERING

1.2 Address Line 1

> Myleripalayam Village

Address Line 2

> Othakkalmandapam

City/Town

> Coimbatore

State

> Tamilnadu

Pin Code

> 641032

Institution e-mail address

> principal@kce.ac.in

Contact Nos.

> 0422-2619001

Name of the Head of the Institution:

Dr. P. VIJAYAKUMAR

Tel. No. with STD Code:

0422-2619001

Mobile:

9894994643

Name of the IQAC Director:

P.Sundaram

Associate Professor / Mechanical Engineering

Mobile:

8056128236

IQAC e-mail address:

iqac@kce.ac.in

1.3 NAAC Track ID

TNCOGN25084

OR

1.4 NAAC Executive Committee No. & Date:

EC (SC)/11/A&A/57.1
dated 19.01.2016

1.5 Website address:

www.kce.ac.in

Web-link of the AQAR:

www.kce.ac.in/KCE_AQAR_2015-16.pdf

1.6 Accreditation Details

S. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.32	2016	5 Years
2	2nd Cycle	-	-	-	-
3	3rd Cycle	-	-	-	-
4	4th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC:

12/10/2015

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

　i. AQAR
　ii. AQAR
　iii. AQAR
　iv. AQAR

Not Applicable

1.9 Institutional Status (Refer Annexure I and II)

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 ☑

1.10 Type of Faculty/Programme

Arts ☐ Science ☐ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ✔ Health Science ☐ Management ✔

Others (Specify)   Master of Computer Applications

1.11 Name of the Affiliating University *(for the Colleges)*   ANNA UNIVERSITY, CHENNAI

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

Autonomy by State/Central Govt. / University   UGC & ANNA UNIVERSITY

University with Potential for Excellence   NA   UGC-CPE   NA

DST Star Scheme   NA   UGC-CE   NA

UGC-Special Assistance Programme   NA   DST-FIST   NA

UGC-Innovative PG programmes   NA   Any other (*Specify*)

UGC-COP Programmes   NA

2. IQAC Composition and Activities

2.1 No. of Teachers   8

2.2 No. of Administrative/Technical staff   2

2.3 No. of Students   1

2.4 No. of Management Representatives   1

2.5 No. of Alumni   1

2. 6 No. of any other Stakeholder and

   Community Representatives   1

2.7 No. of Employers/ Industrialists   1

2.8 No. of other External Experts   -

2.9 Total No. of members   15

2.10 No. of IQAC meetings held   4

2.11 No. of meetings with various stakeholders: No. 5   Faculty 2

   Students 1   Alumni 2   Non-Teaching Staff -   Others -

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. 2   International ☐   National ☐   State ☐   Institution Level 2

   (ii) Themes

        1. NAAC Orientation Programme
        2. Two days interactive session on NAAC accreditation process

2.14 Significant Activities and contributions made by IQAC

Internal Quality Assurance Cell (IQAC) is formed to develop a system for conscious, consistent and catalytic improvement in the overall performance of the Institution. It is aimed to internalise and institutionalise the quality improvement procedure. Besides, it will be a facilitative and participative voluntary system to enforce quality enhancement initiatives by working out planned interventionist strategies to remove deficiencies and enhance quality in the academic processes.

With the above objectives in mind and to initialise the I cycle of accreditation process, the following were organised by IQAC.

S.No.	Activities	Date(s)
1	NAAC Orientation Programme for faculty	31/12/2015
2	Two days interactive session on NAAC accreditation process	02/01/2016 & 03/01/2016
3	IQAC First meeting	12/10/2015
4	IQAC Second meeting	05/11/2015
5	IQAC Third meeting	23/02/2016
6	IQAC SPOC meeting	07/03/2016
7	IQAC Fourth meeting	21/05/2016

2.15 Plan of Action by IQAC/Outcome

IQAC was formed in the College during October 2015. The Institution has obtained the NAAC certification during January 2016 i.e., at the end of the academic year 2015-16. Though the quality enhancement activities and programmes organised during the academic year were not pre-planned, it shall be planned and executed from the next academic year.

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

Management ☐ Syndicate ☐ Any other body ☐

Provide the details of the action taken

The AQAR would be submitted to the Governing Council of the College in the ensuing meeting for approval. The comments on the report submitted will be informed to the respective heads for further action. It is intended to carry the positive attributes forward in practice and for the improvement on any of the deficiencies noticed.

Significant Achievements

➢ The College is accredited by the National Assessment and Accreditation Council (NAAC) with "A" Grade with a CGPA of 3.32.

➢ Four UG programmes ECE, EEE, CSE and IT have been accredited by the National Board of Accreditation (NBA) with effect from 01.01.2016.

➢ The College has become eligible to receive UGC's support in respect of teachers and students related schemes under section 12(B) of the UGC act.

➢ Permanent affiliation granted for CSE, EEE, ECE, Mech, IT and MBA programmes with Anna University, Chennai.

➢ The College is an "Autonomous Institution" since 2010. The status has been now renewed by UGC/ Anna University for a further period of 6 years upto 2022.

➢ The College is accredited by WIPRO and TCS for its Academic performance and Industry interaction.

➢ The College has been recognized as "Premium Partnering Institute" by Infosys Limited for its Campus Connect Programme.

➢ The College has introduced Choice Based Credit System (CBCS) for all the programmes from the Academic year 2015-16 onwards.

➢ The IEEE students' branch of the College was awarded with A grade by IEEE Madras section during the academic year in appreciation of the maximum number of activities organised.

Placement Achievement

➢ 1024 placement offers received by 727 eligible students during the academic year 2015-16 from reputed companies like Infosys, Cognizant, Wipro, Amazon, VMWare, ZOHO Corporation, Informatica, iNautix, L&T InfoTech, Musigma, GlobalEdge, IVTL Infoview, Huawei and others.

➢ 947 students have successfully completed Business English Certificate (BEC) Examination conducted by the University of Cambridge. The Institution is one of the centres for conducting BEC Higher, Vantage and Preliminary Examinations.

Faculty Achievement

➢ Mr.V.JothiPrakash, Asst.Professor/ IT has been awarded with "Cognizant Best Faculty Award" for the year 2015-2016 by Campus HR, Cognizant Technology Solutions, Chennai.

➢ Dr.V.Rajeshwari and Mr.P.D.Mahendran, Faculty of Information Technology Department were recognized as Gold Partner Faculty under Inspire – "The Campus Connect Faculty Partnership Model" of the Infosys Ltd.

- Ms K.MohanaGowri, AP/CSE and Ms.R.Indupoornima AP/IT were recognized as Silver Partner Faculty under Inspire – "The Campus Connect Faculty Partnership Model" of the Infosys Ltd.

- Ms.N.Divya, Asst.Prof/EIE has received "Best Mentor" Award for guiding the Project which won the best project award in the National Conference "Emerging Trends in Instrumentation System" held at Sri Ramakrishna Engineering College, Coimbatore.

- The College has received Rs 20.44 Lakhs as grant for Seventeen number of projects from organisations such as The Institution of Engineers (India) and others.

- Start up conclave was organised by Karpagam Innovation and Skill Development Centre during February 2016 with a grant of Rs.75,000/- from IEEE Madras Section. This event attracted and encouraged more than 100 startups and among them 27 startups have their venture pitched upto the larger audience. The startups were provided opportunity to have discussions with mentors, investors and service providers. More than 25 prospective investors from all over the world participated and chose 7 projects for financing.

- The Department of EIE received a grant of Rs. 50,000/- from DRDO for conducting the Second International Conference on "Electrical, Electronics, Instrumentation and Computer Communication.

- The Department of ECE received a grant of Rs. 10,000/- from IEEE Electron Devices Society (India) for organising two days workshop on "FGPA based Embedded System Design" during 11th and 12th March 2016.

- The Department of ETE received Rs. 25,000/- from Tamil Nadu State and Council for Science and Technology for conducting the International Conference on "Electronics and Communication systems - 2016" during 25th and 26th February 2016.

- The Department of Management Studies received a grant of Rs. 20,000/- from DST/NIMAT for conducting a three days "Entrepreneurship Awareness Camp" during January, 2016.

- The Department of Mechanical Engg. received a grant of Rs 10,000/- from ISTE Delhi Section and Rs. 5,000/- from ISTE Tamilnadu and Pondicherry section for conducting the International Conference on Advanced Engineering and Technology for Sustainable Development.

- Three Faculty members of IT department attended a DDFEP on Campus Connect Industry Elective - "Big Data and Analytics" at Infosys Limited, Mahindra World City, Chennai.

- Three faculty members got their Ph.D. awarded during the academic year and 18 Scholars from the Institution's research centres have been awarded with Ph.D.

- Dr.K.Nithyananthan published a book titled "Logixpro based SCADA simulations for Dry Ice Plant" (ISBN: 978-3-659-74990-2).

Innovation Programme

- Two Mega events were organised in the college as an attempt of LIMCA BOOK OF RECORDS:

  1. "Developers 2015", with the participation of over 2500 students on the Engineer's Day of 15th September 2015 on developing an application for Android mobiles.

  2. "Colouring the Dreams"- Sketching and Colouring on the theme 'Vision 2020'.

- E-Cell NIT, Trichy in association with Karpagam Innovation Centre Conducted "Epiphany" - Ideation Boot Camp in Karpagam College of Engineering on 16th November 2015. Mentors and Judges took part in the Ideation Boot Camp and Cash Awards and Prizes were awarded for the participants who pitched their innovative ideas.

- The 3rd National level Technical contest on "Mini-Bike Design, Fabrication and Racing" was conducted by the Department of Automobile Engineering, on 11th September 2015 in which 106 teams participated.

- Five Entrepreneurship development programmes were organised for the benefit of students in the College.

Infrastructure Development

- A Service centre for Two Wheeler Puncture was established by the Department of Automobile Engineering.

- The Design Academy for Mechanical and Automobile Engineering was established on 7th August 2015.

- MATLAB laboratory was established in the Science and Humanities department for training the students on its applications.

Students Achievement

- ➤ The Students of the College have secured top ten positions in the National Level contest "The Great Mind Challenge" conducted by IBM Corporation successively for the last three years.

- ➤ M.Srinivasan, I Year student of Automobile Engineering got Fifth prize in the state level Tamil Poem Writing Event conducted by "Kaviarasar Kalai Tamil Sangam", Namakkal.

- ➤ R.Priyadharsini, III year student of Civil Engg, got Fifth prize in the State level Tamil Essay Writing Event conducted by "Kaviarasar Kalai Tamil Sangam", Namakkal.

- ➤ Mr. P. Kalimuthu, III year student of Civil Engg won First prize in paper presentation in the National Level Contest Conducted by Coimbatore Institute of Technology, Coimbatore.

- ➤ Mr. P. Kalimuthu, III year student of Civil Engg won First prize in AutoCAD Contest Conducted by Karpagam Academy of Higher Education, Coimbatore.

- ➤ KCE Kho-Kho team were the Winners of Title in Zonal Kho-Kho Event of Anna University.

- ➤ Ms.S.Krithiga, III Year student of CSE got Second Prize in the Intercollegiate event ADZAP organized by SNS College of Engineering, Coimbatore.

- ➤ Ms. Mohana Priya G, III Year student of CSE got First Prize in the TECHWIZARD, a Debugging event organised by Sri Krishna Arts and Science College, Coimbatore.

- ➤ Mr. N. Ranjith and Mr.Naveen, students of Final year ECE Department received First prize of Rs 20,000/- from M/S. Kalycito InfoTech Pvt. Ltd, coimbatore for the "Open Automation Challenge 15".

- ➤ Mr. S.Gokul, student of Final year ECE Department got Second Prize in the National level contest "Make In India Hackathon" on the theme "Smart Approaches to Sustainable Energy" conducted by IIT, Bombay.

- ➤ Mr. S.Sugumar, III year student of EEE Department got First place in Embedded Application development using LabVIEW organized by VIT, Vellore.

- ➤ Ms. J. Bindhu, student of III year EEE Department got Second place in "Simulation" organized by Sri Krishna College of Technology, Coimbatore.

- ➤ Ms. J. Bindhu student of III year EEE Department got Third place in Debate on "Youth Assembly" Organized by Kumaraguru College of Technology, Coimbatore.

- Mr.E.R.Hari Prasath and Mr.M.Gopurasingh Gadavarayar students of II year EEE Department got Third place in -CENTIES 2015, organized by Erode Builder Educational Trust College.

- Mr. P. Arun Pandi III year EIE Department got Sixth place in the National Level event on "Top Coders" organised by Sri Eshwar College of Engineering, Coimbatore.

- Mr. S. Bhuvaneshwaran, student of III year Mech. got Second place in CAD Modelling on MECHFUEGO 2015 organised by P.A. College of Engineering and Technology, Pollachi.

- Mr. S. Bhuvaneshwaran, student of III year Mech. got Second place in the event "Uddeshah 2016" organised by Dr.Mahalingam College of Engineering and Technology, Pollachi.

- Mr.J.Prathap Singh and Mr.S.Subbiah, students of Final year EIE got Best Project Award in the National Conference "Emerging Trends in Instrumentation System" organised by Sri Ramakrishna Engineering College on 29th March 2016.

Other Achievements

- Students from the College have filed five patents while the faculty have filed two patents during the academic year.

- Our students participated in Youth Parliament Organised by Kumaraguru College of Technology. The College has won "Best Group" and Ms.J.Bindhu & Mr.S.Pallavaraj, III year EEE had won "Best Speaker Award along with a cash prize of Rs. 2000/-.

- Mr.D.Prasannan, Asst.Professor, Department of Civil Engineering got "Bharathidasan Award" in the state level event conducted by "Kaviarasar Kalai Tamil Sangam", Namakkal.

- The College Chess team won First place in the Zonal meet of Anna University Chess Tournament and also won Third Position in the CENTIES Chess Tournament.

- The College Kho-Kho Mens Team won First place in the Anna University Zone 10 Kho-Kho Tournament.

- The College Women volley ball team achieved First place in "Sri Krishna Trophy" a State level Volley ball tournament.

- The College Athletics team won Gold Medal in 100 Meters, Silver Medal in Long jump and two Bronze Medals in Triple jump in the Anna university Zone 10 Athletics meet.

Part – B
Criterion – I

1. 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	4	-	4	-
PG	5	-	5	-
UG	9	-	9	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	14
Total	18	-	18	14

Interdisciplinary	1	-	-	-
Innovative	-	-	-	-

-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
   (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	14
Trimester	-
Annual	-

Programmes offered by the Institute

Under Graduate Programme 4 Years	Post Graduate Programme 2 or 3 Years
B.E-Civil Engineering	
B.E- Electrical and Electronics Engineering	
B.E- Electronics and Communication Engineering	M.E- Communication Systems M.E- VLSI Design
B.E-Electronics and Tele Communication Engineering	
B.E- Electronics and Instrumentation Engineering	
B.E-Computer Science and Engineering	
B.E-Mechanical Engineering	M.E- Mechatronics
B.E-Automobile Engineering	
B.Tech–Information Technology	
	M.B.A- Master of Business Administration
	M.C.A- Master of Computer Applications

1.3 Feedback from stakeholders*

Alumni [✔]   Parents [✔]   Employers [✔]   Students [✔]

(On all aspects)

Mode of feedback   :

Online [✔]   Manual [✔]   Co-operating schools (for PEI) [-]

The Institution has a system of getting feedback from the students on teaching-learning process. The feedback is obtained from the students through on-line process using a pre-devised feedback format. First feedback is obtained before CIA-I and the second before CIA-II. The feedback attributes are graded on a scale with maximum 5 points. A score below 3.5 is taken as unsatisfactory and hence remedial action is taken by sponsoring the faculty for FDP towards skill enhancement or counselling by the HoD/ Dean/ Director/ Principal towards improvement of the teaching process.

* Analysis of the feedback is provided in the Annexure – III

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

The Choice Based Credit System (CBCS) has been introduced for all the Programmes from the Academic Year 2015 – 2016 (Regulations 2015).

CBCS allows students in deciding their academic plan and permits students to alter it as they progress with studies. Under CBCS, the students can register for courses of their choice. It enables fast, normal and slow learners to plan and pace the same in a Semester as may be necessary and register for more/average/lesser credits from the prescribed limits based on their learning capacities as observed and alter the pace of learning within the broad framework of academic course and credit requirements.

Students have the option of choosing courses of their choice from among the various categories of courses. Options are given to choose interdisciplinary courses from other Engineering programmes which will help the student to develop needed skills. Slow learners will also benefit by evenly planning for their credit accumulation. Suitable provisions are included to reward academically sound students.

CBCS offers flexibility for students to plan their own curriculum besides enhancement of their skill levels. A Faculty Adviser facilitates students in identifying the courses based on programme requirements, course prerequisites, students' innate abilities and interest towards their academic progression.

Every B.E. / B. Tech. Programme will have a curriculum with syllabi consisting of theory and practical courses which are categorized as follows:

I. **Humanities and Social Sciences (HS)** courses include Technical English, Employability Skills, Engineering Ethics and Human Values, Communication Skills and Environmental Science and Engineering.

II. **Basic Sciences (BS)** courses include Mathematics, Physics, Chemistry, Biology etc.

III. **Engineering Sciences (ES)** courses include Engineering practices, Engineering Graphics, Basics of Electrical / Electronics / Mechanical / Computer Engineering, Instrumentation etc.

IV. **Professional Core (PC)** courses include the core courses relevant to the chosen specialization/branch.

V. **Professional Elective (PE)** courses include the elective courses relevant to the chosen specialization/ branch.

VI. **Open Elective (OE)** courses include the courses relevant to the chosen specialization / branch which a student can choose from the curriculum of other B.E. / B. Tech. programmes and courses offered by the Departments under the Faculty of Science and Humanities.

VII. **Employability Enhancement Courses (EEC)** includes Project Work and/or Internship, Seminar, Professional Practices, Case Study and Industrial/Practical Training.

The College firmly adheres to the guidelines of AICTE and UGC while framing and restructuring the curricula. The AICTE recommendation for curriculum structure and the percentage credit distribution of curriculum grouping for its various components of an UG programme are given below as a sample.

Curriculum Structure based on AICTE Guidelines

Category Curriculum	Maths/ Science	Humanities	Engineering Sciences	Professional Core	Electives		Employability Enhancement Courses (Project)
					PE	OE	
% Credit stipulated by AICTE	15 - 20	5-10	15-20	30-40	10 -15	5-10	10-15
B.E. (Regulations 2015) in %	15	10	18	30	10	5	12

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

Karpagam Innovation and Skill Development Centre (KISDC) has been established by Karpagam College of Engineering to develop leading-edge innovations and skill development.

The Karpagam Innovation Centre nurtures innovation and encourages entrepreneurial talent among students, faculty and people of the region. It facilitates inter-disciplinary research and provides incubation facilities to start ups and budding entrepreneurs.

Karpagam Skill Development Centre transforms students ready for the industry by conducting skill developing courses / programmes.

KISDC has enabled student Entrepreneurs to have start-ups instituted while in their third or fourth year of study.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty (Academic year 2015-16)

Total	Asst. Professors	Associate Professors	Professors	Others
363	290	27	30	16

2.2 No. of permanent faculty with Ph.D. | 48 |

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

Asst. Professors		Associate Professors		Professors		Others	
R	**V**	**R**	**V**	**R**	**V**	**R**	**V**
110	0	3	0	4	0	117	0

2.4 No. of Guest and Visiting faculty and Temporary faculty:

- ➢ Guest Faculty : 2

- ➢ Temporary Faculty :Nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	101	31	22
Presented papers	20	12	0
Resource Persons	13	14	0

Details of the Conference presentation

S. No.	Name, Designation & Department	Paper Title	Name of the Conference
1	Dr.P. Karthigaikumar/ HoD/ETE.	A Novel 128 bit hybrid Key generation for security Enhancement in Bio Cryptography.	IEEE 3rdInternational Conference on Electronics and Communication systems, Coimbatore, India.
2	Dr.K.Mahalakshmi Professor/IT.	A Design Framework to Detect Corrupted Files Using Frame Based Technique.	National Conference On Advanced Computing and Changing Paradigms in Computer Applications.
3	Dr.V. Narayani Director/MCA.	An Expert System to Detect Systemic Lupus Erythematosus Disease using Apriori Algorithm and Neural Network Algorithm.	International Conference on Recent Advances in Engineering Science and Management.
4	Dr.J.Ganesh Murali HoD/Auto.	Similar, Dissimilar, Composite Materials and Tailor Made Blanks of Friction Stir Welding of Aluminium Alloys - An Overview.	International Conference On Modern, Intelligent And Green Manufacturing.
5	Dr. S.Karthikayan Professor/Mech.	A Performance, Combustion and Emission Study on HCCI Engine: Trends and Innovations.	SAE India International Mobility Conference SIIMC, India Habitat centre, New Delhi.
6	Dr.P.Poongodi Professor/ECE.	Performance Analysis Of Temperature Process System With Soft Computing Control Strategies.	International Conference On Engineering Technology And Science.
7	K. Anuradha Asso. Professor/MCA.	Effective Way of Diagnosing the Facial Tumors using Segmentation Algorithms.	National Conference On Advanced Computing and Changing Paradigms in Computer Applications.
8	Mrs.K.S. Bhuvaneswari Asst.Professor/CSE.	An Enhanced Rough Set Based Technique For Elucidating Learning Styles In E-Learning System.	International Conference on Systems, Science, Control, Communication, Engineering and Technology.
9	Mr.T.K.Sethuramalingam Asso. Professor/ECE.	A Proposed System Of Ship Trajectory Control Using Particle Swarm Optimisation.	International Conference On Recent Trends In Computer Science And Engineering.
10	T.Karthick Asst.Professor/ECE.	Efficient And Error –Free Digital Communication	International Conference On Innovations In Information

		Using Modified Decimal Matrix Code.	Embedded And Communication System.
11	R.Suguna Asst.Professor/ECE.	Course Line parameter And DWT – QA Algorithms Based Epileptic Seizure Detection.	National Conference On Advanced communication And Electronic Systems.
12	D.Prasannan Asst.Professor/Civil.	Mechanical properties of natural fibre reinforced concrete using sugar cane bagase.	National Conference on Infrastructure advances and research.

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

INNOVATION IN TEACHING LEARNING PROCESS

∗ **SMART CLASS ROOM:**

A Smart Class Room Solution is implemented to provide the interactive, rich multimedia content-enabled education system, which illuminates abstract and difficult concepts with crystal clarity. It bridges the learning gap between faculty and students and helps them realize their true potential.

∗ **e- LEARNING:**

The Quality Improvement Cell of the College has created KCE- online resource centre for e-learning through online web and video courses in Engineering, Sciences and Humanities streams. All the faculty members and students can make use of this portal with the link http://172.16.100.10/TutorialPoint in the campus. The KCE-Online Resource centre contains the following resources.

- NPTEL Video lectures jointly developed by the IITs and IISc.

- Spoken tutorial consists of video tutorials for self learning of free and open source softwares developed by IIT Bombay.

- Virtual Labs in various disciplines of Science and Engineering with additional web resources, video lectures and animated demonstrations developed by IITs.

- Job seekers application package is available to students to improve their soft skills and prepare themselves for interviews and group discussions.

* **APPLICATION OF NETWORK:**

        The entire Campus is provided with internet facility and WIFI connectivity with 71 access points available for student and faculty. This enables the students and faculty to access e-journals and e-books thereby enrich knowledge in the technical fields.

* **INFOSYS CAMPUS CONNECT AND WEBINAR**

        As an institute- industry initiative, Infosys – Campus Connect and webinar are the major steps taken-up by the College.

- **Campus Connect:** Infosys Limited extends their active co-operation for the development of IT skills of our students. This is achieved through their state of the art training tools and lectures offered. Besides their executives contribute in the development of syllabi by participating in the College "Board of Studies" meeting.

- **Webinar:** It is a Video lecture delivered by eminent professionals of Infosys. A resource person through video conferencing delivers lecture on the latest development in the IT field. These initiatives improve the students' knowledge besides updating their skill level at par with the needs of Industry.

* **C EXHIBIT**

    "C" – EXHIBIT is an Industry-Academia initiative launched by Karpagam College of Engineering. Students from various streams of Engineering develop applications in their respective streams using C Programming as a platform. This exhibit on C Programming aims to enhance the knowledge of KCE students and increase the industrial credibility. Industries share their proven courseware and training methodology with Karpagam College of Engineering which helps to groom the Students as "Industry Ready" Engineers. The involvement of students in developing projects and participating in the exhibition boosts their confidence level and enhance their placement prospects.

2.7 Total No. of actual teaching days   during this academic year   180

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

Introduction of Dummy Numbers for the Answer Scripts.

The bundle of answer scripts of a particular course is opened in the presence of the Controller of Examinations (COE) and shuffled. They are then arranged in small bundles of twenty scripts each. The dummy numbers as per the guidelines is stamped on each script at two places; on the counterfoil and in the index page of the script. The counter foil is then collected and preserved confidentially. The scripts in a batch of twenty kept in a sealed cover are ready for evaluation. The dummy number and corresponding marks are entered in the customised software to generate the mark sheet after evaluation.

Scrutiny of questions papers of the end semester Examinations.

The End Semester Examination question paper for all the courses are scrutinised for correctness of language and adequacy of syllabus coverage. Experts in a particular domain for each course is identified and invited by the COE to carry out the scrutiny in his presence. Any deviation is analysed and corrections adopted based on the necessity.

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

University Representatives	12
Industry experts	24
Academic experts - (external member)	24
Academic experts - (internal member)	91
Alumnus	11

2.10 Average percentage of attendance of students   85%

2.11 Programme wise   distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division			
		Distinction	I Class	II Class	Pass
ME (VLSI)	11	7	2	-	81.82
ME (CS)	16	7	9	-	100
ME (MM)	8	2	6	-	100
MBA	76	3	56	9	89.47
MCA	52	4	45	-	94.23
BE(CSE)	132	17	100	11	96.97
BE(EEE)	204	33	154	7	95.10
BE(ECE)	193	23	155	5	94.82
BE(MECH)	201	14	169	6	94.03
BTECH(IT)	115	9	93	8	95.65
BE(CIVIL)	93	8	71	2	87.10
BE(EIE)	93	7	78	4	95.70
BE(AUTO)	68	1	66	1	100.00
BE(ETE)	52	2	44	5	98.07

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

Monitor the quality of teaching - learning process:

The Internal Academic Audit (IAA) is functional since June 2014 in the Institution. The team is headed by a team head and experts from various academic disciplines are the auditors. The IAA is a continuous exercise undertaken to monitor the academic process and thereby improve the quality of teaching – learning process in the Institution. The team audits two vital documental-evidences which reflect the quality of teaching - learning and evaluation process, namely Course file and Attendance and Assessment Register (AAR) maintained by each faculty for each of the course handled during a semester.
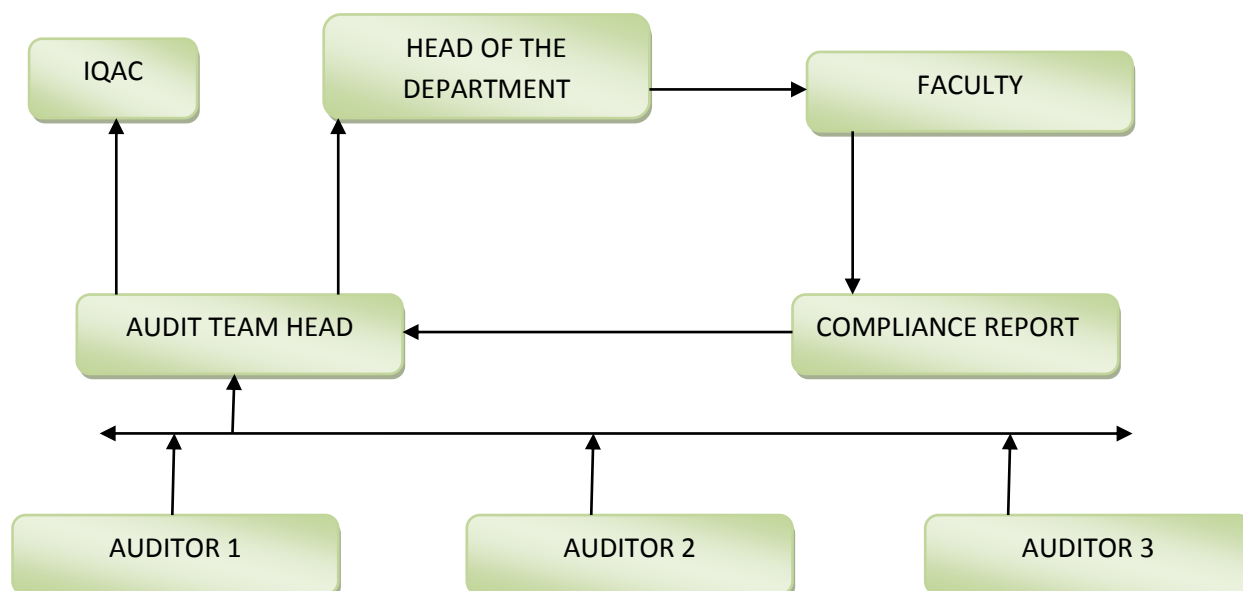
Fig. Flow diagram of Internal Academic Audit Process

The AAR consists of data on students' attendance, progress of course work and entry of marks for each CIA, unit tests and assignments / tutorials conducted. The course file consists of syllabus prescribed for the course, course plan, previous End Semester Examination question paper samples, time table, list of students enrolled for the course, CIA question paper along with complete answer key, sample answer scripts and mark statements with result analysis. Besides, it includes feedback on both End Semester Examination question paper and on the course handled by the faculty member. Audit is performed based on the above two records under the following criteria:

a) Record maintenance
b) Attendance and assessment register
c) Syllabus coverage and question paper setting
d) Answer keys
e) Evaluation of answer scripts (Sample Audit)
f) Result analysis

(a)   Record maintenance:

- Verified whether the papers / documents are filed as per the index in the course file
- The syllabus copy filed must be a true extract from the regulations.
- Question bank is necessary if previous End Semester Examination question papers are not available and for the newly introduced course(s).
- The papers / documents filed in the course file must be approved by the concerned HoD.

- The instruction hours planned are in accordance with the credit weightage of each course etc.

(b) Attendance and Assessment Register (AAR):

- AAR will be checked for continuous updating of data such as Attendance and progress of the course.
- Check for any deviation in the progress of course work.
- See data consistency among attendance, progress of course work and fortnight reports filed.
- CIA marks with ERP result compared for correctness.
- Neatness of entries and record maintenance.

(c) Syllabus coverage and question paper setting:

- Ensure coverage of syllabus prescribed for each CIA test.
- Pattern of Questions asked must follow the guidelines issued and of uniform Spread and depth.

(d) Answer keys:

- Complete answer key for all the questions in a CIA test (without choice).
- Provide split up of marks for long answers.
- The sketch / diagram should be drawn neatly.

(e) Evaluation of answer - scripts:

- Evaluation is verified by drawing sample answer booklets for each course.
- The sample booklets shall include below average/ average/ above average percentage of marks.
- Ensure fair valuation of the answer scripts without bias and conforming with the answer key.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefited
Refresher courses	5
UGC – Faculty Improvement Programme	15
HRD programmes	-
Orientation programmes	2
Faculty exchange programme	-
Staff training conducted by the university	6
Staff training conducted by other Institutions	29
Non-teaching staff training programme	6
Others Summer / Winter schools, Workshops, etc.	140

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	63	19	19
Technical Staff	53	8	8

Criterion – III

3. Research, Consultancy and Extension

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

Research is given prime importance in the Institution. The Institution has formed a Research Committee during the academic year 2015-16. The Principal is the chairperson and eleven Senior Professors are the members of the committee. The policy document on "Research Policies, Guidelines and Data" complied follow the rules, regulation, processes which are in consonance with that of the affiliating university. It is a fact that research forms the basis of creativity and innovation which is regarded as critical for sustainable growth and development of Technology. Research also makes teaching learning effective and practice oriented. The College devices manual for promotion of research climate, undertake cutting edge research, give due recognition and priority to research, motivate faculty members and higher order thinking students to go for research, explore the possibility of funding for institute industry research collaboration, disseminate and transfer the research findings from laboratory to the field through extension, apply for patent and commercialize the patented product and continue further improvements.

The Research committee develops capacity with appropriate facilities and provisions to:

➢ Undertake cutting edge research.

➢ Give due recognition and priority for research.

➢ Motivate faculty members and higher order thinking students to go for research.

➢ Explore the possibility of funding for institute – industry research collaboration.

➢ Disseminate and transfer the research findings from laboratory to the field through extension.

➢ Apply for patent and commercialize the patented product..

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	5	1	5
Outlay in Rs. Lakhs	--	8.15	0.5	46.42

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	-	-	--
Outlay in Rs. Lakhs	0.3	-	-	--

3.4 Details on research publications

	International	National	Others
Peer Reviewed Journals	246	0	0
Non-Peer Reviewed Journals	102	0	0
e-Journals	14	0	0
Conference proceedings	133	10	0

3.5 Details on Impact factor of publications:

Citations 1.21   h-index 10   i10 Index 15

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	Received
Major projects	-	-	-	-
Minor Projects	2015-16	The Institution of Engineers(India)	50,000	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	2015-16	Karpagam Charity Trust, Veradis Technologies, Karthik Enterprises, SS Power systems, Ojas Excellent in automation	19,94,458	19,94,458
Projects sponsored by the University/ College	-	-	-	-
Any other(Specify) Students research projects	-	-	-	-
Total	-	-	20,44,458	19,94,458

3.7 No. of books published

i) With ISBN No. | 1 | Chapters in Edited Books | - |

ii) Without ISBN No. | - | Lab Manuals | 90 |

S.No	Name of the Faculty	Title of the Book	Publisher	ISBN NO
1	Dr. K. Nithiyananthan	LOGIXPRO Based SCADA Simulation for Dry Ice Plant	Lambert Academic Publisher. Europe	978-3-659-74990-2

3.8 No. of University Departments receiving funds from

UGC-SAP | - | CAS | - |

DST-FIST | - | DPE | - |

3.9 For Colleges

Autonomy | ✓ | CPE | - | DBT Star Scheme | - |

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

3.10 Revenue generated through consultancy

SCIENCE AND HUMANITIES

S. No.	Name, Designation	Nature of Job/ Projects	Sponsor Details	Outlay(Rs)	Relevant Period
1	Department of English	Communicative English course	M/S. Erbatech Machinery Private Limited, Coimbatore	Rs. 25,000/-	1 MONTH (2 Batches) April and August 2015

COMPUTER SCIENCE AND ENGINEERING

S. No.	Name, Designation	Nature Of Job/ Projects	Sponsor Details	Outlay(Rs)	Relevant Period
1	Dr.A.Pasumpon Pandian, Prof/CSE. Ms.J.Vadivambigai, AP/CSE. Ms.K.Mohanagowri, AP/CSE.	Integrated Modern Software System.	M/S.Karpagam Charity Trust.	Rs.1,55,000/-	6 months (July 2015 - December 2015)
2	Dr.S.Kannimuthu, ASP/CSE Mr.Krishna prasath, AP/CSE. Mr.G.Gurusamy, AP/CSE.	Financial Management Information System.	M/S.Veradis Technologies.	Rs.1,60,000/-	5 months (September 2015- January 2016)
3	Mr.A.R.Sivakumaran ASP/CSE. Ms.M.Vanitha, AP/CSE. Ms.E.Ramakalaivani, AP/CSE.	Online Shopping System.	M/S.Karthik Enterprises.	Rs.1,34,500/-	6 months (August 2015- February 2016)
4	Ms.K.S.Bhuvaneswari, AP/CSE. Ms.S.Ramamani, AP/CSE. Ms.J.Kiruba, AP/CSE.	Student Information System.	M/S.Karpagam Charity Trust.	Rs.1,48,500/-	6 months (October 2015-March 2016)
5	Dr.A.PasumponPandian, Prof/CSE. Dr.M. Rajesh Babu, Prof/CSE.	"Development of Ardusat for Real Time Weather Monitoring Applications using mobile phones".	Institution of Engineers (India) R& D Grant-in-aid Scheme.	Rs. 50,000/-	6 Months (May 2016 to Dec 2016)

INFORMATION TECHNOLOGY

S. No.	Name, Designation	Nature Of Job/ Projects	Sponsor Details	Outlay(Rs)	Relevant Period
1	Dr. S.Smys, Prof/IT.	Consultancy Project - "Web Based Information Technology Tools for Knowledge Management".	M/S. Knowledge Partners Technologies.	Rs. 2,75,000/-	10 months (July 2015 - May 2016)
2	Dr. K.Mahalakshmi, Prof/IT.	Consultancy Project - "Energy Performance assessment of Furnaces".	M/S. Sai Vandana Wire Industries.	Rs. 1,85,000/-	8 months (Sep 2015 - May 2016)
3	Dr. G.Usha, AP/IT.	R & D Project - "Developing E learning in Prison Education".	M/S. Apex Technologies.	Rs.1,50,000/-	10 months (July 2015 - May 2016)

ELECTRONICS AND COMMUNICATION ENGINEERING

S. No.	Name, Designation	Nature Of Job/ Projects	Sponsor Details	Outlay(Rs)	Relevant Period
1	Dr.Vimalathithan Rathinasabapathy Prof/ECE.	Remote Monitoring system for solar UPS.	M/S. SS Power Systems.	Rs.1,09,500/-	Feb 2016 to Ongoing
2	Dr. S. Natarajan Prof/ECE.	Synchronised clock with Integrated Audio Announcement system.	M/S. Karpagam Charity Trust.	Rs.14,000 Per module	2015-2016 ongoing
3	C.Priya,AP/ECE R.Suguna,AP/ECE S.Deepa, AP/ECE J.Divakaran, AP/ECE.	Intelligent Active Suspension System.	M/S. Ojas Excellent in automation.	Rs.1,00,958/-	2015-2016 ongoing

CIVIL ENGINEERING

S. No.	Name, Designation	Nature Of Job/ Projects	Sponsor Details	Outlay(Rs)	Relevant Period
1	M. Deepak, AP/Civil. & N.Mohanraj, AP/Civil.	Estimation for KCE Compound wall	M/S. Karpagam Charity Trust.	Rs. 1,08,000/-	6 months
2		Quality studies on concrete for KCE-Cafetaria, Parking, Academic block			

ELECTRICAL AND ELECTRONICS ENGINEERING

S.No	Name of the faculty	Nature of job project	Sponsor details	Outlay (Rs)	Relevant Period
1	Dr. V.V.Karthikeyan, Prof /EEE.	Consultancy – (Hydralic actuator design)	M/S. Hi-tech Industries, kunnathur, Tiruppur	Rs.1,50,000/-	April 2016 to August 2016

ELECTRONICS AND INSTRUMENTATION ENGINEERING

S.No	Name of the faculty	Nature of job project	Sponsor details	Outlay (Rs)	Relevant Period
1	Dr. S.Manoharan, Prof/EIE. & Mr.E.Govindakumar, AP/ EIE.	Certain Investigations for improving the efficiency of submersible pump	M/S. Challenges pumps	Rs.1,56,000/-	June 2015 On going
2	Dr.S.Manoharan, Prof/EIE. Mr.N.Gowthaman, AP/ EIE. Ms.S.Tharani, AP/ EIE.	Decentralised Implementation approach of control synthesis of manufacturing systems	M/S. ELGER control	Rs 1,23,000/-	July 2015 on going

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	9	4	-	-	-
Sponsoring agencies	IEEE/DRDO/ISTE	Management	-	-	-

Details of conferences organized by the Institution:

- 1st International Conference on Modelling, Simulation and Control organised by the Department of Mechanical Engineering on 15th and 16th October 2015.

- IEEE Sponsored Online International Conference on Green Engineering and Technologies was organised by Department of Electronics and Communication Engineering on 27th November 2015.

- DRDO sponsored "International Conference on "Electrical, Electronics, Instrumentation and Computer Communication" Systems was organised by Department of Electronics and Instrumentation Engineering on 18th and 19th December 2015.

- IEEE Sponsored International Conference on Intelligent System and Control was organised by Department of Information Technology on 7th and 8th January 2016.

- IEEE Sponsored Start up conclave was organised by Karpagam Innovation Centre on February 29th 2016.

- IEEE Sponsored World Conference on Futuristic Trends in Research and Innovation for Social Welfare was organised by Department of Electronics and Communication Engineering on 1st March 2016

- 2nd International Conference on "Advanced Engineering and Technology for Sustainable Development" was organised by Department of Mechanical, Civil and Automobile Engineering on 19th and 20th February 2016.

- IEEE Sponsored 3rd International Conference on Electronics and Communication Systems was organised by Department of Electronics and Communication Engineering on 25th and 26th March 2016.

- IEEE Sponsored 3rd International Conference on Innovations in Information Embedded and Communication Systems was organised by Department of Electronics and Communication Engineering on 17th and 18th March 2016.

- 1st National Conference on Innovations in Engineering and Technology (NCIET-2016) was organised by Department of Mechanical Engineering on 30th January 2016.

- One day National Conference on Advances in Automotive Engineering was organised by Department of Automobile Engineering on 09.10.2015.

- One day National Conference on "Recent Evolutions of Computer and Electronics in Power Technologies – 2016" was organised by Department of Electrical and Electronics Engineering.

➢ 9th National Conference on Advanced Computing and Changing Paradigms in Computer Applications was organised by Department of Master of Computer Applications on 11th March 2016.

3.12 No. of faculty served as experts, chairpersons or resource persons | 26 |

3.13 No. of collaborations | 12 |

International | 6 | National | 6 | Any other | - |

Centre for Excellence established in association with industry leaders to enable students to acquire practical knowledge and industrial exposure.

➢ Microsoft Technical Service Lab
➢ IBM Corporation Centre of Excellence
➢ Infosys Technologies Campus Connect Centre
➢ Texas Instruments Embedded System Design Laboratory
➢ Tech Mahindra Centre for IMS
➢ B&R Automation Centre
➢ MEMS Centre of Excellence
➢ EMC^2 Centre of Excellence
➢ Oracle Workforce Development Centre.
➢ National Instruments LAB View Academy for virtual Instrumentation
➢ WIPRO Centre for Learning
➢ BSNL Academic Alliance

3.14 No. of linkages created during this year | 11 |

S.No	Department	Name of the Company
1	Automobile Engineering	SIRIUS Motorsports
2	Computer Science and Engineering	Oracle India Pvt Ltd, Bangalore
3	Electronics and Communication Engineering	E-Cell NIT Trichy Tacitine By the Startups Search N Score ATA Retail App Incubator Frugal Labs Tech Solutions

3.15 Total budget for research for current year in lakhs :

From Funding agency | - | From Management of University/College | 30.71 |

Total | 30.71 |

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	7
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

S.No	Name	Patent Title	Patent No/ Appln No
1	S.Sethuraman, Student	Automatic Vehicle Pollution Monitoring and Penalty system in Toll gate	3219/CHE/2015
2	S.Arunkumar, Student	Public over dump limiter	3400/CHE/2015
3	S.Arunkumar, Student	Tree smuggler detector	3399/CHE/2015
4	N.Naveen, Student	Automation of fertilizers in agriculture field	4526/CHE/2015
5	Mr.C.Pranit Jeba Samuel, AP/ECE	Portable Video calling enabler	5445/CHE/2015
6	Dr. B. Nagaraj Prof./ ECE	System and Method for Chlorophyll Measurement	5920/CHE/2015
7	Mr. L.Gokul Student	Intelligent Energy Meters for Smart Grid	22961/CHE /2016

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
9	-	6	3	-	-	-

Faculty Achievements

Dr. S.Manoharan / Prof & Head-EIE : A Grant of Rs: 50,000/- from DRDO for the conduction of Second International Conference on Electrical, Electronics, Instrumentation and Computer Communication

Dr. B. Nagaraj / Prof & Head – KISDC : Rs. 75000/- from IEEE for the conduct of startup conclave on 29th February 2016

Dr. K.Paramasivam/ Prof & Head-ECE	: Rs: 10,000/- from IEEE India Electron devices society for 2 days Workshop on FPGA based embedded system design on 11 and 12 March 2016
Dr. P.Karthigai Kumar/ Prof & Head-ETE	: i) Rs: 25,000/- from Tamilnadu State Council for Science and Technology for the conduction of International Conference
	ii) Rs: 5,760/- from the Institution of Electronics and Telecommunication Engineers for the conduction of International Conference
Dr. R.Chandrasekaran/ Director MBA	: Rs: 20,000/- grant received from DST/NIMAT Project –Entrepreneurship Development Institute of India for conducting three days Entrepreneurship Awareness Camp during 7th to 9th January,2016 (3 days)
Dr. P.Suresh/ Dean Mechanical Engg	: i) Rs: 10,000/- grant received from ISTE Delhi Section for conducting 1st National Conference on Innovations in Engineering and Technology (NCIET-2016) on 30th January 2016
	ii) Rs: 5,000/- from ISTE Tamilnadu and Pondicherry Section for the Conduct of 1st National Conference on Innovations in Engineering and Technology (NCIET-2016) on 30th January 2016
Dr. C.Krishnaraj / Mechanical Engg	: i)Rs: 10,000/- from ISTE Delhi Section for the conduct of 1st International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 15)
	ii) Rs: 5,000/- from ISTE Tamilnadu and Pondicherry Section for the conduct of 1st International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 15)

3.18 No. of faculty from the Institution who are Ph. D. Guides

21

and students registered under them

137

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

18

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

JRF | - | SRF | - | Project Fellows | - | Any other | -

3.21 No. of students Participated in NSS events:

University level | 335 | State level | 12 |

National level | 10 | International level | - |

List of Events

- International Yoga Day was organized on 20th June 2015 at the College. 106 Volunteers participated.
- Tree Plantation Camp was organised on 26th June 2015 at College premises. 26 Tree Saplings were planted by the volunteers in the College.
- Swachh Bharat Abhiyan was organised on 27th June 2015 in the College premises. The College premise was cleaned by the volunteers.
- Visit to the Orphanage "United Home for the Disabled, Kurumbapalayam" was organised on 15th August 2015. 56 NSS Volunteers visited and donated provisions.
- NSS volunteers collected relief materials on 11th December 2015 for donating to flood affected people in Cuddalore.
- Visit to the Orphanage "United Home for the Disabled, Kurumbapalayam" was organised on 13th December 2015 and provisions were donated.
- National Girl Child Day Celebration was organised on 22nd January 2016 at the College premises. Essay and Elocution competition were organized.
- Ms.S.T Nivetha, NSS Volunteer participated in 7 days National Integration Camp from 15th to 21st March 2016, organised by Davangere University, Karnataka under Ministry of Sports and Youth Affairs, Government of India.

3.22 No. of students participated in NCC events:

University level | - | State level | - |

International level | - | National level | - |

3.23 No. of Awards won in NSS:

University level | - | State level | 3 |

National level | - | International level | - |

➢ Ms J.Bindu and Mr.S.Pallavaraj Students of III year EEE, won **"Best Speaker Award"** in the Youth Parliament event organised on 12.01.2016 at Kumaraguru College of Technology, Coimbatore.

➢ The College team won **"Best group"** out of the 104 group participated.

3.24 No. of Awards won in NCC:

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

3.25 No. of Extension activities organized

University forum	-	College forum	6		
NCC	-	NSS	18	Any other	-

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

➢ Being a life saver activity, frequent Blood Donation Camps were organised by the NSS volunteers with the support of Karpagam Faculty of Medical Sciences and Research, Coimbatore.

➢ National Voter's day awareness campaign was organised by NSS. 42 Volunteers participated.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	28.235 Acres	-	Internal	28.235 Acres
Class rooms	83	-	Internal	83
Laboratories	72	-	Internal	72
Seminar Halls	6	-	Internal	6
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	2216	133	Internal	2349
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	-	-
Others	-	-	-	-

4.2 Computerization of administration and library

The total number of computers in central library is 33 with two printers which enable internet access for the students online.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	40,606	98,90,725	2,541	6,54,125	43,147	1,05,44,850
Reference Books	1,609	5,71,500	171	1,20,680	1,780	6,92,180
e-Books	-	-	-	-	-	-
Journals	281	2,82,469	-	-	-	-
e-Journals	223	5,60,290	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	2,126	-	163	-	-	-
Others (specify) Back volumes	5,325	-	-	-	-	-
Project reports	1,250	-	290	-	-	-
Question papers	596	-	50	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Dept	Others
Existing Upto May 2015	1855	25	155 Mbps	2	-	11	219	-
Added June2015-May 2016	80	2	155 Mbps	4	-	11	21	-
Total	1935	27	155 Mbps	6	-	11	240	-

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

➢ One Day Workshop on Cloud and Grid Security was organised on 25th November 2015. 121 Second year CSE students participated.

➢ One Day Workshop Hands on training in Big Data Analysis was organised on 19th September 2015. 60 Second year CSE students participated.

➢ The Seminar on "Mobile Application Development" was organised on 09th March 2016. 109 Third year CSE students participated.

➢ One Day IEEE Student Branch Sponsored Workshop on "Latex for Research Publications". 10 Second & Third year EEE students participated.

➢ The workshop on "ASIC Design using Tanner EDA and Mentor Graphics tool" was organised on 22nd August 2015. UG and PG-ECE Students participated.

➢ One Day Hands on Training in "Basics and Core Php" was conducted on 8th December 2015. 90 Second year IT students participated.

➢ "Mobile Apps" Workshop was organised on 26th February 2016. 74 Second year IT students participated.

- One day workshop on "embedded systems for IoT Applications" was organised by ETE on 8th October 2015. 25 students of the department participated.

- The workshop on "Web Designing" was organised on 17th October 2015. 21 Second year MCA students participated.

- Workshop on "PHP Programming" was conducted on 31st October 2015. 21 Second year MCA students participated.

- Workshop on "Android" was organised on 04th November 2015. 95 ECE students participated.

- Hands on training on "ArchiCAD" was organised from 18th to 25th November 2015 for 64 students of Second year Civil Engineering.

- "Ductile detailing of RC structure using StaddPro" was conducted from 10th to 17th December 2015 for Final year Civil Engineering students.

- The technical academy of KCE conducted "KPL DBMS T 20" on 12th November 2015 for 251 students with various events to estimate their programming skills.

4.6 Amount spent on maintenance: **(Rs. in Lakhs)**

i) ICT	20.3
ii) Campus Infrastructure and facilities	152.92
iii) Equipments	7.68
iv) Others	8.14
Total :	189.04

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The student support services offered are:

➢ Tutor Ward Meeting

For a batch of 20 – 25 students, a Tutor from the department concerned is assigned. Every week one hour is allotted for conducting the Tutor Ward Meeting in the class. Tutors will have one-to-one contact with the students to identify the need of the students. Students can also meet the Advisors and Tutors in their cabins after class hours. Any issues related to academic, co-curricular and extra-curricular activities or others are brought to the knowledge of the Head of the Department and the decisions are taken. Accordingly the Advisors and Tutors counsel the students to remove their hardship.

➢ Class committee meeting

Every class shall have a Class Committee consisting of teachers of the class concerned, student representatives and a chairperson who is not a teacher for the class. It is like the "Quality Circle" (more commonly used in industries) with the overall goal of improving the teaching-learning process. The class committee for a class under a particular branch is normally constituted by the Head of the Department The functions of the class committee include the following:

- Addressing difficulties experienced by students in the Class room and in the Laboratories.

- Clarifying the regulations of the Degree programme and the details of rules there in particularly which should be displayed on College Notice Board.

- Informing the student representatives, the academic schedule including the dates of assessments and the syllabus coverage for each assessment.

- Informing the student representatives the details of Regulations regarding weightage used for each assessment. In the case of practical courses (laboratory / drawing / project work / seminar etc.) the breakup of marks for each experiment / exercise / module of work, should be clearly discussed in the class committee meeting and informed to the students.

- Analyzing the performance of the students of the class after each test and finding the ways and means of solving problems, if any.

- Identifying the slow learners and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students.

➢ Physically challenged/differently abled students:

These students are provided with barrier free environment or provided with class rooms in the ground floor itself for their easy mobility.

➢ SC/ST, MBC, BC and economically weaker sections:

Students belonging to the above sections are given scholarships by the management in deserving cases. The College also facilitates students belonging to the above category to receive scholarships from Government of Tamilnadu.

➢ Students to participate in various competitions/conferences in India and abroad:

Students are encouraged to participate in various Seminars, Symposiums, Workshops, Conferences and Internship programmes in India. Students are given on-duty leave for participation. Special classes and retests for the Continuous Internal Assessment are conducted during Saturdays and evenings for the students as compensation.

➢ Health centre, health insurance etc.:

A health centre functions inside the campus which has a Part time Doctor and an attendant Nurse. Students can make use of the service for any minor ailments. A full-fledged MCI approved Hospital run by the Trust "Karpagam Faculty of Medical Sciences and Research" is situated just a Kilometer away from the College. An ambulance is available in the College 24×7 for any emergency needs. Group health insurance facility is available for all the students, faculty and Non-Teaching staff of the College.

➢ Skill development (spoken English, computer literacy, etc.,):

Training for Business English Certificate Examination is conducted and 947 students got certified. Further the computer literacy courses like C Programming and Laboratory are also offered to all the students. Students are divided into Batches as per skill sets and need based coaching classes are conducted starting from second year of their study (such as Aptitude, Reasoning / Problem Solving, etc.).

➢ Performance enhancement for slow learners/students who are at risk of failure and dropouts:

The slow learners are identified through the Result Analysis of CIA tests and End Semester Examinations. Remedial classes are conducted to improve their performance. Question banks consisting of last five years Question papers of the End Semester Examinations along with answers are compiled and provided to those students. The e-content of the same is uploaded in the College Intranet which can be downloaded via Wi-Fi facility by the students.

➢ Exposure of students to other Institutions of higher learning/corporate /business houses, etc.

Awareness programmes are conducted to provide the details about the higher studies in India and abroad. Orientation programmes are also conducted for the students on various competitive civil service examinations regularly by engaging outside experts. Each department releases a magazine every year, where in students of the department can contribute their Technical articles, Paintings, Themes, Poems. Students are encouraged for publications.

5.2 Efforts made by the Institution for tracking the progression

➢ Based on the feedback from Class Committee Meeting, Tutor Ward Meeting and Result Analysis of the Continuous Internal Assessment Tests, slow learners are identified and remedial classes are conducted during evening hours and holidays.

➢ Identifying the slow learners and requesting the teachers concerned to provide some additional help or guidance or coaching.

➢ All teaching faculty prepare the course materials for the courses they are teaching before commencement of each semester. Such course materials are given to the slow learners after identifying them from their performance in the first CIA test.

➢ Question banks and objective type questions with keys are provided to the students to score good marks in the examinations. The e-content of the same is also uploaded in the College intranet which the students can access anywhere inside the campus through Wi-Fi.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4190	259	24	0

(b) No. of students outside the state   130

(c) No. of international students   NIL

Men	No	%
	3188	71.65

Women	No	%
	1261	28.35

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
233	466	19	3764	2	4482	258	446	17	3728	2	4449

Demand ratio: 73.2   Dropout %: 1.23

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

The College offers training classes for students to appear in the

(i)   GATE examination   (ii) Civil services and (iii) Indian Defence Services.

The classes are being conducted from 2014 onwards.

No. of student beneficiaries   37

5.5 No. of students qualified in these examinations

NET   -   SET/SLET   -   GATE   -   CAT   -

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

5.6 Details of student counselling and career guidance

Tutor Ward system with Class Tutor and Advisors is being followed.

- ➢ For each batch of 20 – 25 students, a Tutor from the department concerned is assigned. Every week one hour is allotted for conducting the Tutor Ward Meeting in the class. Tutors will have one-to-one contact with the students to identify the needs of the students. Any issues related to academic, co-curricular and extra-curricular activities, health problem communication problem, family problem, others are brought to the knowledge of the Head of the Department and the decisions are taken and accordingly the Advisors and Tutors counsel the students. Every class shall have a Class Committee consisting of teachers of the class concerned, student representatives and a chairperson who is not teaching the class. It is like the "Quality Circle" (more commonly used in industries) with the overall goal of improving the teaching-learning process. Special care is taken to improve the personality and Soft Skills of the students. Soft skills is one of the Practical Course for all UG students in which they are trained in areas/taught the topics like Effective English, Art of Communication, Group discussion and Interview Skills and also on Business Etiquettes and Ethics.

- ➢ Students are also given orientation on personality development through "Infosys Campus Connect" Programmes.

- ➢ The Training and Placement Cell handles classes on various topics related to career guidance for all the students.

- ➢ Training for Business English Certificate Examination are conducted and 947 students got certified.

- ➢ Further the computer literacy courses like C- Programming and Laboratory are also offered to all the students.

- ➢ Students are grouped into Batches as per skill sets and need based coaching classes are conducted starting from second year of their study (such as Aptitude, Reasoning, Problem Solving, etc).

- ➢ Awareness programmes are conducted to provide the details about higher studies in India and abroad.

➢ Orientation programmes are also being conducted for the students on various competitive exams.

Training and Placement Cell

A full-fledged Training and Placement Cell, headed by Lead – Training and placement and assisted by Manager – Corporate Relations and Manager – Extension Activities, is functioning in the College since 2003 – 2004. Some major activities of the cell are given below.

➢ Starting from II year, the students are given hands-on training on Aptitude, Problem Solving Skills, Test of Reasoning, Oral and Written Communication Skills.

➢ Providing Tailor made training on certain modules like software testing, cloud computing etc to a select set of interested students.

➢ These modules were identified based on the feedback from the previous employers and college Alumni.

➢ Helping the students in preparing their Resume in such a way that their potentials are exhibited.

➢ Identifying the companies based on their profile for campus recruitment.

➢ Arranging the HR interactions meet, wherein the students can meet the HRs, and get to know about the companies.

➢ Mapping the profile of the companies with the skill sets of the students and arranging campus drive for those matching students.

➢ Getting post employment feedback from the past recruiters and pass on the information to the present final year students so that any lacuna in the training is overcome.

➢ Getting feedback from the students placed after they join the companies and provide valuable information if any to the present students for subsequent year placement drive.

No. of student benefited | 950

5.7 Details of campus placement

Organizations Visited	Students Participated	*On campus* Offers Received	*Off Campus* Offers Received	Total Offers Received
86	727	957	67	1024

ON CAMPUS RECRUITMENT		
S. NO	NAME OF THE COMPANY	NO. OF THE STUDENTS APPEARED	OFFERS

S. NO	NAME OF THE COMPANY	NO. OF THE STUDENTS APPEARED	OFFERS
1	VISUAL BI	189	9
2	AMAZON	207	16
3	ZOHO	600	9
4	SOLITON	338	3
5	ODESSA	770	5
6	PROCYON	334	1
7	ATLAS	215	7
8	GLOBAL EDGE	770	19
9	INFOSYS	647	161
10	WIPRO	590	159
11	COGNIZANT	650	136
12	INFOVIEW	449	58
13	CIGITAL	130	3
14	L&T INFOTECH	97	1
15	EXCELACOM	164	2
16	ST JOHNS	120	10
17	CADD GROUP	56	16
18	TECH MAHINDRA	322	3
19	IBS SOFTWARE	208	9
20	MULTIVISTA GLOBAL	78	4
21	ASAHI GLASS	122	1
22	BROADSOFT	162	1
23	HEXAWARE	328	14
24	VERNALIS SYSTEMS	186	2
25	HIL	42	2
26	BRIGHT AUTOPLAST	70	7

27	LEITWIND	85	8
28	WIPRO GIS	28	5
29	POLARIS	33	3
30	CAD CENTER	75	12
31	GEMINI COMMUNICATION	143	22
32	PHY CONSTRUCTIONS	60	10
33	ADAPTAVANT	83	5
34	APPASAMY ASSOCIATES	107	2
35	AIRTEL	25	4
36	TNQ	58	1
37	MICROBIOLOGICAL LAB.	5	2
38	SOUTHERN AGRO ENGINE	60	6
39	VDART	50	6
40	KGISL	30	2
41	HUAWEI	49	1
42	INFORMATICA	35	1
43	VEE TECHNOLOGIES	185	25
44	OBO BETTERMANN	30	5
45	SUNDARAM FASTENERS	51	8
46	IDEA CELLULAR	70	25
47	VM WARE	40	9
48	INAUTIX	70	22
49	KONY LABS	166	1
50	ORACLE	61	3

S. NO.	NAME OF THE COMPANY	NO. OF THE STUDENTS APPEARED	OFFERS
1	MUSIGMA	603	1
2	VERYX	80	1
3	DATA PATTERN	70	1
4	DUCEN	322	2
5	CADEPLOY	96	2
6	HP	298	12
7	SIFY CORPORATION	65	1
8	NICHE HANDS	176	1
9	STERNA SECURITIES	40	35
10	CSS CORP	40	1
11	LG	2	2
12	SHIELD SQUARE	1	1
13	HINDUSTAN UNILEVER LIMITED	1	1
14	DREAM CAST	1	1
15	LEGATO EMBEDDED SYSTEMS	1	1
16	VMR TECH	2	2
17	VTECH CONTROLS & EQUIPMENTS	1	1
18	IASC	1	1

Table title: OFF CAMPUS RECRUITMENT

5.8 Details of gender sensitization programmes

Women Development Centre is functioning in the College and all the girl students are its members. 85 girl students and 12 female faculty members from all the departments participated in the Gender Sensitization Program organised by the Women Development Centre during the academic year 2015-16.

Name of the Programme	Resource person	Date
Gender Sensitization Programme	Dr.Suganthi Ramalingam, Gynaecologist, Karpagam Faculty of Medical Sciences and Research	20/07/2015

5.9 Students Activities

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

State/ University level   106   National level   2   International level   -

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

Sports:

State/ University level   12   National level   7   International level   -

SPORTS ACHIEVMENTS OF STUDENTS

➢ The College chess team won the **First position** in the Anna university Zone 10 Chess Tournament organised by Sri Krishna College of Technology, Coimbatore and also won **Third position** in the CENTIES chess tournament organised by Sri Sakthi Institute of Engineering and Technology, Coimbatore.

➢ The College Kho Kho Men team won **First Place** in the Anna University Zone 10 Kho Kho Tournament organised by Sri Krishna College of Technology, Coimbatore.

➢ The College Women Ball Badminton team secured **Runners up Place** in the Anna University Zone 10 Ball Badminton Tournament organised by Hindustan College of Engineering and Technology, Coimbatore.

➢ The College Men Ball Badminton team won **Runners up Place** in the Anna University Zone 10 Ball Badminton Tournament organised by Akshya College of Engineering and Technology, Coimbatore.

➢ The College Men Hockey team achieved **Runners up Place** in the Anna University Zone 10 Hockey Tournament organised by Hindustan Institute of Technology, Coimbatore.

- The College Women Table Tennis team got **Runners up Place** in the Anna University Zone 10 Table Tennis Tournament organised by Nehru Institute of Engineering and Technology, Coimbatore.
- The College Women Badminton team secured **Third place** in the Anna University Zone 10 Badminton Tournament organised by Sri Krishna College of Engineering and Technology, Coimbatore.
- The College Men Handball team got **Third place** in the Anna University Zone 10 Handball Tournament organised by SVS College of Engineering, Coimbatore.
- The College Men Tennis team secured **Third place** in the Anna University Zone 10 Tennis Tournament organised by Karpagam College of Engineering, Coimbatore.
- The College Men Volleyball team won **Third place** in the Anna University Zone 10 Volleyball Tournament organised by Coimbatore Institute of Engineering and Technology, Coimbatore.
- The College Women Volleyball team achieved **First Place** in the Sri Krishna trophy state level Volleyball Tournament organised by Sri Krishna College of Engineering and Technology, Coimbatore.
- The College Athletics team won **a gold medal in 100 Meter**, **a silver medal in long jump** and **two bronze medals** in triple jump in the Anna University Zone 10 Athletics meet organised by Hindustan College of Engineering and Technology, Coimbatore.
- The College Men Basketball team secured **Third place** in the CENTIES Basketball Tournament organised by Erode Builders Education Trust College of Engineering and Technology, Coimbatore.
- The College Men Basketball team secured **Third place** in the CIET ALUMINI TROPHY 2K16 Basketball Tournament organised by Coimbatore Institute of Engineering and Technology, Coimbatore.
- The College Men Football team won **Third place** in the CENTIES Football Tournament organised by Coimbatore Institute of Technology, Coimbatore.
- The College football Women team won **First place** in the CM Birthdays trophy fives football Women tournament organised by Kovaipudhur Football club, Coimbatore.
- Third year Mechanical Engineering student **Mr.K.Rajagopal** participated in Asia Karate Championship 2015-16 **won 2 Gold Medals** in various events and also **won silver** medal in Kata individual event.
- Final year Civil Engineering student **Ms.P.Mythili** won First places in 100 Meters, 4 by 100m relay and throw ball in the Annual sports meet held at KCE on 5th March 2016.

> The Department of Physical Education organised the Anna University Chennai Zone 10 Men Tennis Tournament and Men Badminton Tournament in the year 2015-16.

5.10 Scholarships and Financial Support

	No. of students	Amount
Financial support from Institution	27	Rs 6,37,500
Financial support from government	1515	Rs.3,03,00,000
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 | - | International level | - |

5.12   No. of social initiatives undertaken by the students

List of social initiatives

> Blood Donation Camp was organised in Karpagam Hospital, Coimbatore. 111 units of blood were collected.

> The NSS volunteers are visited to United Orphanage at Kurumbapalayam and donations of groceries were done.

> Tree Plantation Camp was organised on 26th June 2015 at College premises. 26 Tree Saplings were planted by the volunteers in the College campus.

> Visit to the Orphanage "United Home for the Disabled, Kurumbapalayam" was organised on 15th August 2015. 56 Volunteers visited and donated provisions.

- The collection of relief materials was undertaken on 11th December 2015 for donating to flood affected peoples in Cuddalore.

- Visit to the Orphanage "United Home for the Disabled, Kurumbapalayam" was organised on 13th December 2015. 63 Volunteers visited and donated provisions.

- Medical Canvassing Camp was organised from 28th to 30th January 2016. Volunteers visited villages in and around the College and explained the facilities available in the Karpagam Hospital.

5.13 Major grievances of students (if any) redressed: NIL

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the Institution

Vision

To become one of the best Institutions at the National and International level by incorporating innovative teaching learning methods to enable the students to secure a high-value career, motivate to pursue higher education and research to serve the society.

Mission

- To bring out knowledgeable engineers and professionals in their field of specialization by having qualified and trained faculty members and staff besides necessary infrastructure and to create highly conducive teaching and learning environment.
- To work in close association with stakeholders by way of enhanced industry – institute interaction, to take up need based research and industry specific programmes.
- To organize co-curricular and extracurricular activities for character and personality development to produce highly competent and motivated engineers and professionals to serve and lead the society.

6.2 Does the Institution has a management Information System

Yes. The College maintains centralised ERP software for the following:

- ➢ To capture student details.
- ➢ To enter students attendance and to track their presence in the class.
- ➢ To enter CIA marks.
- ➢ Enable automated result analysis.
- ➢ To identify the slow learners by data analysis.
- ➢ Enable students to know their attendance status and marks online.
- ➢ Enable the parents to know the attendance status and academic performance of their wards online.

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

6.3.1 Curriculum Development

➢ The curriculum and syllabi related suggestions originate from faculty's experience and students feedback, forming as input to Curriculum Development Cell and then to the Board of Studies (BoS).

➢ The BoS is the basic decision making body regarding curriculum and evaluation process.

➢ The Academic Council is the body to which all recommendations by the BoS are sent for discussion and approval.

➢ The Governing Council implement most of the decisions taken in the Academic Council. However such decision concerning the introduction of a new programme is forwarded to the Trust for consideration.

➢ With the approval of the Trust, a submission concerning the introduction of a new programme will be sent to the affiliating University for final decision.

6.3.2 Teaching and Learning

➢ Fine tuning of the existing programmes by updating course contents by BoS in line with industry needs.

➢ Introducing innovations in the existing programmes.

➢ Introduction of new programmes.

➢ Introduction of additional electives based on the feedback from Industry.

➢ Complete digitalization of the Central Library.

➢ Greater focus on ICT based learning.

➢ Special coaching facilities for the students to appear in competitive and entrance examinations.

➢ Conducting industry focussed Training and Placement classes.

6.3.3 Examination and Evaluation

- ➢ CIA test dates and End Semester Examination schedule are provided in the academic calendar.

- ➢ The students are informed of the above through their Tutors and in Class Committee Meetings besides issue of necessary circulars.

- ➢ The complete evaluation procedure and the Rules and Regulations for various programmes are printed in Academic Calendar and distributed to the students.

- ➢ The End Semester Examination results once declared will also be published in the website (www.karpagam.edu.in).

- ➢ Any Change/amendments made in the regulations are conveyed to the students through Class Advisors and Tutors.

- ➢ The academic and evaluation processes are also explained to the parents during the Orientation programme for First year students.

6.3.4 Research and Development

- ➢ Improvement and Modernisation of Laboratories relevant for research.

- ➢ Encourage the faculty for Journal publications, attending workshops and guest lectures by giving incentives.

- ➢ Apply and seek funding from various Government agencies for research activities.

- ➢ Establishing formal and informal linkages with research Institutions of repute.

- ➢ Inculcating the spirit of research among students by introducing projects and Skill based assignments.

- ➢ Undertaking consultancy works from Industries with active participation of the faculty / students.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Contents	Details / Description
Total area of the Library (in Sq. Mts.)	1479 Sq. mts
Total seating Capacity	505
Working hours (on working days, on holidays, Before Examination days, during examination days, during vacation)	8.00 am to 8.00 pm (on all days)
Access to the premises through prominent display of clearly laid out floor plan; adequate signage; fire alarm; access to differently abled users and mode of access to collection.	All are available

DETAILS ON THE LIBRARY HOLDINGS

Details of Library Holdings	Total No.
A. Print	
i. Books	66,940
ii. Special collection : Text Books	5,923
iii. Special collection : Reference Books	2,133
iv. Thesis	3,093
B. Journals	
i. e-Journals	25,772
ii. Back Volumes	6,833
C. Non Print (Microfiche, AV)	3,221 (CD ROMs)

The library deploy to provide access to the collection

- ➢ OPAC - Available (with 5 PCs)

- ➢ Electronic Resource Management package for e-journals: Yes

- ➢ Federated searching tools to search articles in multiple databases: DELNET

- ➢ Library Website (intranet) : http://172.16.100.11/Library

- ➢ In-house/remote access to e-publications: Available

The Central Library has subscription to the following e-journals:

- All IEEE Journals – 196 Nos

- All ASME Journals – 26 Nos

ICT deployed in the library

Library Automation	Yes
Total number of Computers for public access	39
Total numbers of Printers for public access	4
Internet bandwidth speed	155Mbps
Institutional Repository	Yes
Content Management system for e-learning	Yes
Participation in Resource sharing networks/consortia (like Inflibnet)	DELNET

Provide details

Average number of walk-ins	400 (per day)
Average number of books issued/returned	200 (per day)
Ratio of library books to students enrolled	1:16
Average number of books added during last four years	3389
Average number of login to OPAC	400
Average number of login to e-resources	45
Average number of e-resources downloaded/printed	20
Number of information literacy trainings organized	Twice in a semester

Infrastructural development of the library over the last four years.

➢ Additional area of 10,000 Sq.ft. has been added for digital library.

➢ 20 No. of Computers were added for referring on-line resources.

➢ Furniture worth Rupees Five Lakhs were added in reading room.

6.3.6 Human Resource Management

➢ Faculty are permitted to attend orientation programmes and refresher courses organized by the affiliated Institutions of the University.

➢ The faculty are encouraged to attend Seminars, Workshops etc. organized by other Colleges, to have more contacts with the outside Institutions.

➢ Organizing Seminars and FDPs in the College for supporting the faculty in improvising their academic skills.

➢ Encouragement and assistance to in submitting research proposals.

➢ Encouraging the faculty by providing on duty leaves to pursue their Ph.D.

➢ Regular upgradation of ICT learning infrastructure and familiarizing it to faculty.

➢ Orientation programmes are conducted for non-teaching staff for their skill upgradation.

6.3.7 Faculty and Staff recruitment

Teaching Staff Recruitment

The notice of vacancy calling for various posts will be published in newspapers and also in Institution website. As the Institution is an equal opportunity employer, invites prospects to join hands to build a platform of excellence in teaching and learning. The professionals who are interested in a Career with the Institution will submit their profile online to Institutional website.

For teaching positions, proven research expertise/demonstrated interest in research, by way of quality publications/sponsored projects/patents are preferred. Candidates with industry experience will be given preference. The Institution follows two tier staff recruitment process for teaching positions. The selected applicants will be called for a written examination. The examination will be conducted in core subject and subject based on their specialization. Based on the performances the meritorious candidates will be called for an interview. The expert panel members analyses the candidate, his/her subject knowledge, communication skills and attitude towards teaching. The candidate exhibiting good skills will be selected.

Non-Teaching Staff Recruitment

   The notice of vacancy calling for various posts will be published in newspapers and also in the Institution's website. Candidates who are Interested in a Career will submit their profiles online the Institutional website. Or they can also submit their profile to administrative office. Suitable educational qualification and sufficient experience in the respective field is preferred. The selected applicants will be called for interview. Interview will be conducted by the section heads to test their skills and candidate with sufficient skill level will be selected.

6.3.8 Industry Interaction / Collaboration

S.No.	Department	Name of the Company
1	AUTO	• SIRIUS Motorsports
2	CSE	• Oracle India Pvt Ltd, Bangalore
3	ECE	• E-Cell NIT Trichy • Tacitine • By the Startups • Search N Score • ATA Retail • App Incubator • Frugal Labs Tech Solutions

6.3.9 Admission of Students

Under Graduate Programmes

S. No	Programmes	Sanctioned Intake	Admitted
1	Automobile Engineering	60	48
2	Civil Engineering	90	85
3	Computer Science and Engineering	120	114
4	Electronics and Communication Engineering	180	159
5	Electrical and Electronics Engineering	180	160
6	Electronics and Instrumentation Engineering	90	70
7	Electronics and Telecommunication Engineering	60	54
8	Information Technology	120	99
9	Mechanical Engineering	180	163
	UG Total	1080	952

Under Graduate Programmes Lateral Entry

S. No	Programmes	Sanctioned Intake	Admitted
1	Automobile Engineering	60	24
2	Civil Engineering	90	17
3	Computer Science and Engineering	120	12
4	Electronics and Communication Engineering	180	19
5	Electrical and Electronics Engineering	180	26
6	Electronics and Instrumentation Engineering	90	1
7	Electronics and Telecommunication Engineering	60	4
8	Information Technology	120	7
9	Mechanical Engineering	180	44
	UG LE Total		154

Post Graduate Programmes

S. No	Programmes	Sanctioned Intake	Admitted
1	MBA- Master of Business Administration	180	70
2	MCA- Master of Computer Applications (Lateral Entry)	120	21
3	M.E- Communication Systems	18	0
4	M.E- Mechatronics	18	3
5	M.E- VLSI Design	18	3
	PG Total	354	97

6.4 Welfare schemes for

Teaching	7
Non teaching	7
Students	1

S.No	Welfare Scheme	% of Faculty and Staff Beneficiaries
1	Group insurance scheme for both Faculty and Students.	100
2	Employee Provident Fund	100
3	Maternity Leave for Lady Faculty	10
4	Subsidized transport Facility	100
5	On-duty leaves for staff pursuing higher studies	22
6	Sponsorship for attending Seminars/ workshops/ conferences	18
7	Gratuity	100

6.5 Total corpus fund generated   --

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	IAA
Administrative	-	-	-	-

6.8 Does the University/ Autonomous College declare 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 affiliating University helps the College in the academic affairs by nominating representatives on various bodies like, Board of Studies, Academic Council and Result Passing Board.

Availability of adequate level of Human resource and infrastructure are monitored by University. The inspection team for starting a new course and also for the extension of affiliation carries out a detailed inspection on all these. The reports provide meaningful inputs for meeting the desirable level of facilities.

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

The Institution is Autonomous and the period of validity is till 2022.

6.11 Activities and support from the Alumni Association

To celebrate the completion of ten years after formation, an alumni meet "My Junior My Campus- Alumni Meet 15" was organized at our College campus on 12th December 2015. In the meet 163 alumni participated and shared their views and gave feedback. The Alumni and the management jointly contributed a sum of Rs.30 Lakhs which would be kept in fixed deposit

scheme with M/S. Lakshmi Vilas Bank. The interest earned from the deposit is used in the following manner:

➢ Every year on the graduation day or alumni day, a financial reward of Rs 2500/- is given for the best final year project from each programme.

➢ Rs 25,000/- per Student will be provided for six meritorious students from the departments who are pursuing higher studies in our Institution.

➢ A grant of Rs 25,000/- will be given for Product Development Cell and Entrepreneurship Development Cell every year.

6.12 Activities and support from the Parent – Teacher Association

     Not Applicable

6.13 Development programmes for support staff

➢ Ms. S Malathi and R.Gowthami of ECE department have undergone FPGA based embedded system design training during 11th and 12th March 2016.

➢ Ms. R.Nandhini and Revathi of EIE department attended a one day National level workshop on Industrial Automation using PLC.

➢ Mr.S.Prathap, Pari and S.Deepa of IT department undergone Linux In-house training program.

➢ Eight staffs of Mechanical Engineering have undergone training programme as follows:
    1. Induction Program on "Basic Computer Skills" on 27th July 2015
    2. Induction Program on "Communicative English" on 28th July 2015
    3. Induction Program on "Basic Engineering Practices" 29th July 2015

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

a) Energy conservation:

➢ Awareness created by sign boards to switch off fans and lights whenever students/faculty leave the Class Room, Bathroom, Laboratories, hostel rooms, etc. Hoarding and Sign Boards are kept in prominent places of the campus.

➢ Copper chokes in tube lights are converted to electronic chokes and LED fittings which consume less energy.

- Ceiling fans were fitted with Electronic regulators which are used in the class rooms and hostels.

- Capacitor bank is employed in the Power House to improve the power factor.

- Water usage has been regulated in the campus in taps by spring loaded stoppers thereby saving energy in pumping.

b) Use of renewable energy:

- Solar powered street lamps were installed in the College premises. These lights function independently with their own photo-voltaic panels.

c) Water harvesting:

- Rain water harvesting facilities are provided at multiple locations of the College as well as in the hostel.

d) Efforts for Carbon neutrality:

- The campus is away from the main road/ human habitats and hence it is pollution free.

- Majority of the labs are non Air-conditioned (except Computer Labs and Seminar Hall). Hence, leakage of green house gases produced by the air conditioners is very minimal.

- The greenery and large coconut trees in the campus helps to neutralize carbon byproducts that are generated in the campus.

- Plying of Automobiles is restricted inside the campus.

e) Plantation:

- All the construction of lab and classroom buildings are well surrounded by trees.

- To keep the campus green, the gardens are properly maintained by the maintenance staff.

- Ten acres of Coconut trees are grown inside the campus.

- The Estate maintenance division of the College has planted different varieties of flowering plants, ornamental trees and shrubs to keep the College free from pollution and maintain aesthetics.

> Tree planting programmes outside the campus, programs for plantation of saplings in the campus and Awareness Camps on prevention of pollution are regularly arranged by NSS.

f) Hazardous waste management:

> Students are educated to minimize wastes and avoid using plastic products. Dust bins inside the campus have been placed at various points.

> The wastes generated from the campus are segregated as biodegradable and non degradable. The bio-degradable wastes are used to prepare manure and non degradable wastes are disposed.

> The waste water from the College and hostel are collected and treated using a 5 lakhs LPD Sewage Treatment Plant and used for Gardening.

> Soak pits are built separately for discharging waste water.

> Usage of Polythene bags is banned inside the campus.

g) e-waste management:

> The e-wastes like empty toners, cartridges, outmoded computers and electronic items, outdated items related to other ICT equipments were sold as scrap for recycling.

h) Any other:

> The College has Eco Care Club. The club is conducting awareness programmes, arranging seminars and workshops etc.

Criterion – VII

7. 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.

Karpagam Innovation and Skill Development Centre (KISDC) has been established by Karpagam College of Engineering to develop leading-edge innovations and skill development.

The Karpagam Innovation Centre nurtures innovation and encourages entrepreneurial talent among students, faculty and people of the region. It facilitates inter-disciplinary research and provides incubation facilities to start ups and budding entrepreneurs.

Karpagam Skill Development Centre is to develop students ready for the industry by conducting skill developing courses / programmes. KISDC has enabled the student entrepreneurs to have start-ups instituted while in their third or fourth year of study.

ACHIVEMENTS OF KARPAGAM INNOVATION AND SKILL DEVELOPMENT CENTRE

➢ Six patents were filed out of which five students and one faculty.

➢ Two Mega events were organised in the college towards an attempt of LIMCA BOOK OF RECORDS:

1. "Developers 2015", with the participation of over 2500 students on the Engineer's Day of 15th September 2015 on developing an application for android mobiles.
2. "Colouring the Dreams"- Sketching and Colouring on the theme 'Vision 2020'.

➢ Memorandum of Understanding:

- E-Cell NIT Trichy
- Tacitine
- By the Startups
- Search N Score
- ATA Retail
- App Incubator
- Frugal Labs Tech Solutions

E-Cell NIT Trichy in association with Karpagam Innovation and Skill Development Centre conducted "Epiphany" in eight cities and in Tamilnadu "Epiphany – Ideation Bootcamp" was conducted in Karpagam College of Engineering on 06th November 2015. Mentors and judges took part in the Ideation Bootcamp and cash awards and prizes were awarded fot the participants who pitched their innovative ideas.

➢ Karpagam Innovation and Skill Development Centre organized

- Digital India Programme
- IEEE Day
- Youth day
- Constitution day
- Webathon with Mozilla

➢ First IEEE Sponsored online International Conference OIC-GET'15 was organised on 27th November 2015.

➢ Through Karpagam Innovation and Skill Development Centre four start ups established and incubated in KIC.

- My Laundarykart
- Design-Your Gifts
- Feel WoW
- Selfi Technologies

➢ Centre of Excellence for IoT was started with the funding from the management. Industry projects are done through this centre.

➢ "We School" Bengaluru organised Ideas Contest and the college team came in the top 8 among the South Indian grand finale.

➢ Start up Conclave was organised by Karpagam Innovation and Skill Development Centre during February 2016 with a grant of Rs.75,000/- from IEEE Madras Section. This event attracted and encouraged more than 100 startups and among them 27 startups have their venture pitched upto the larger audience. The startups were provided opportunity to have discussions with mentors, investors and service providers. More than 25 prospective investors from all over the world participated and chosen 7 projects for financing.

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

IQAC was formed in the College during October 2015. The Institution has obtained the NAAC certification during January 2016 i.e., at the end of the academic year 2015-16. Though the quality enhancement activities and programmes organised during the academic year were not pre-planned, it shall be planned and executed from the next academic year.

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

Practice I

1. **Title of the Practice:**

   Technical Academies for high impact Teaching-Learning

2. **Objectives of the Practice:**

   ➢ To develop student friendly teaching methodology for the fundamental, analytical and industry focussed courses.

   ➢ To bring active participation of the students in teaching- learning process.

   ➢ To teach theory courses integrated with Industry oriented laboratory experiments for clear understanding.

   ➢ To identify the real potential of the students and convert them into industry ready with domain exposure.

   ➢ To create a healthy competition among the peer groups to bring their best out.

3. **The Context:**

   The system of Technical Academies is in practice from 2012 for the students of B.E B.Tech programmes. A set of courses which require fundamental understanding with analytical skills and which need practical/ programming orientation are identified for   this system. The lectures are delivered in an interactive way such that all the students participate in the teaching-learning process. Hence the learning of theory and practical's go concurrently.

4. **The Practice:**

   The first step is to identify and recruit suitable faculty who are specialized in the above courses. Faculty then prepares course materials and design laboratory experiments/ programmes following an integrated approach. The teaching-learning of these courses through theory and practical classes go together and supplement each other wherever necessary. Activities, tutorials,

quizzes and slip tests are introduced wherever necessary making the learning a joyful experience for the students. Take away assignments which require knowledge beyond usual text books are given in such a way that they kindle the minds of the students and make them more knowledgeable. Students are also given with mini projects for them to apply theoretical concepts and create working models and prototypes. Case studies from industries are also given to the students for analysing and solving.

Based on the performance of the students in the basic courses they are grouped into batches according to the domain knowledge and interest. Domain specific electives are offered to the students to make them specialise in that.

5.   Evidence of Success:

➢ Better academic performance of students in the basic courses handled by Technical Academies.

➢ Low dropout rates of the students.

➢ Improved performance in the placement interviews.

➢ Feedbacks from the recruiters also ensure the success of the system.

➢ Placement of the students in domain specific companies.

➢ Increases in the number of students offered internships by the recruiters / companies.

6.   Problems Encountered and Resources Required:

➢ Identifying domain specific faculty for recruitment.

➢ Difficulty in matching the expectations of the heterogeneous groups of student in the same classes.

Practice-II

1. **Title of the Practice:**

Continuous Auditing of the Teaching-Learning Process by IAA

2. **Objectives of the Practice**:

➢ To make the teaching-learning a fruitful experience for the faculty and students.

➢ To implement effective course delivery and teaching methodology.

➢ To create a holistic approach for the teaching-learning and evaluation process for all faculty.

➢ To create a higher level of confidence and transparency for the students in the evaluation procedure.

3. **The Context:**

The effectiveness of the teaching learning by the faculty is assessed by auditing the Course Files, Attendance and Assessment Record, CIA Test Question Papers, Answer Keys of the Question Papers and sample Answer scripts of the students. The process will also bridge the gap between the expectation of the students and the teaching, methodologies adopted.

4. **The Practice:**

A team consisting of the faculty with domain specific knowledge required for all the programmes is identified. At the end of every CIA each faculty submits the course file, course materials, question papers, keys for the question papers, and result analysis and answer scripts for auditing. The auditors make an assessment of the above to identify the following:

➤ Whether the course delivery covered all the topics as per the syllabus.
➤ Whether the question papers cover the entire syllabus portion and meet the quality standards.
➤ Whether the answer keys prepared are taken from materials available in standard text books.
➤ Whether the evaluation of the answer scripts have been done fairly.

Based on the above all the faculty are provided with the feedback about their course containing shortcomings, deviations in the course delivery and evaluation. Faculty are required to give their compliance report on the feedback. All these are discussed in the audit meeting convened by the Principal and Audit Team Head. The process is followed after every CIA on a continuous basis, the effectiveness of teaching-learning and quality of evaluation improve.

5. **Evidence of Success:**

➤ Better and favourable feedback from the students on the teaching-learning and evaluation process.
➤ Improvement in the performance of the students in the CIA tests, End Semester Examinations and Placement.
➤ Improvement in the quality of CIA question papers and evaluation in the successive audit reports which is reflected from the noncompliance reports.

6. Problems Encountered and Resources Required:

➢ A team of auditors among the regular faculty to be ear marked for the IAA Team.

➢ The process of auditing, analyzing the reports, preparing the feedback and analyzing the compliance reports is a time consuming and laborious process.

➢ Dealing with non-compliance of the feedback on the faculty given by the IAA Team.

7.4 Contribution to environmental awareness / protection

➢ The College is located in a village which is surrounded by coconut trees and agricultural land. The College has adopted various measures to maintain the greeneries of the campus.

➢ The College has a Horticulture Section headed by a Supervisor appointed permanently. This section is under the administrative control of a Manager. There are 10 gardeners and 10 maintenance workers who were recruited on contract basis to carry out the horticulture work in the campus.

➢ The College maintains eco–friendly and energy conservation in an environment efficient manner. The College campus contains large number of trees and plants to give a pleasant feeling to the staff and students.

➢ The different academic blocks are located at a distance apart. All the blocks are architecturally designed following green building concept with natural lighting and ventilation.

➢ All the buildings have spacious corridors and wide steps for easy mobility.

7.5 Whether environmental audit was conducted?   Yes   ✓

We have engaged ABC Techno Lab, Coimbatore to audit the campus for environmental issues.

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

The AQAR is   for the academic year 2015-16, the latter part of which the Institution obtained the accreditation from NAAC.

8. Plans of Institution for next year

- It is envisaged to start the following Post Graduate programmes in:

    (i)   M.E in Computer Science and Engineering
    (ii)   M.E in Power Electronics and Drives

- The Institution is in the process of signing MoU with Federation University, Australia (for the project) in collaboration with the group Institution, Karpagam Faculty of Medical Sciences and Research.

- Fourth National level Mini Bike Design, Fabrication and Racing Contest "RIDE 2K16" is scheduled on 23rd September 2016.

- Plan for "Quality Day" celebrations during November 2016 in the Institution.

- National level seminar is planned during December 2016 with the assistance from NAAC.

- Different departments of the Institution plan to conduct Six International conferences sponsored by IEEE.

- Steps are taken to establish Centre of Excellence in Android and iOS.

- Proposals are received from different departments to conduct National Conferences, Seminars and Workshops.

- Eleventh International conference on Intelligent Systems and Control (ISCO) is planned to be conducted in January 2017.

- Research and Development review meetings are regularly conducted every month at Departmental / Institutional level to give importance for Research activities.

Signature of the Director, IQAC
Mr. P. Sundaram
Associate Professor
Department of Mechanical Engineering

Signature of the Chairperson, IQAC
Dr. P. Vijayakumar
Principal
PRINCIPAL
KARPAGAM COLLEGE OF ENGINEERING
COIMBATORE - 32.

_____***_____

Abbreviations

CAS   -   Career Advanced Scheme

CAT   -   Common Admission Test

CBCS   -   Choice Based Credit System

CE   -   Centre for Excellence

COP   -   Career Oriented Programme

CPE   -   College with Potential for Excellence

DPE   -   Department with Potential for Excellence

GATE   -   Graduate Aptitude Test

NET   -   National Eligibility Test

PEI   -   Physical Education Institution

SAP   -   Special Assistance Programme

SF   -   Self Financing

SLET   -   State Level Eligibility Test

TEI   -   Teacher Education Institution

UPE   -   University with Potential Excellence

UPSC   -   Union Public Service Commission

****

Annexure – I
Details of the UGC Recognition

18420/09/05/08

Ph. 23236351, 23232701, 23237721, 23234116
23235733, 23232317, 23236735, 23239437

UGC Website: www.ugc.ac.in

विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

F. 8-83/2008 (CPP-I)

KARPAGAM COLLEGE OF ENGINEERING
COIMBATORE - 32.

CORRESPONDENT	
CHIEF EXECUTIVE	
PRINCIPAL	✓

April, 2008

0 MAY 2008

The Registrar,
Anna University,
Coimbatore-641 013 (Tamilnadu).

Sub:- List of Colleges prepared under Section 2 (f) of the UGC Act, 1956-Inclusion of New College-.

Sir,

I am directed to refer to the letter dated 28.02.2008 received from the Secretary, Karpagam College of Engineering, Coimbatore on the subject cited above and to say that the name of the following College has been included in the list of Colleges prepared under Section 2 (f) of the UGC Act, 1956 under the head Non-Government Colleges teaching upto Post-Graduate Degree:-

Name of the College	Year of Establishment	Remarks
Karpagam College of Engineering, S.F. No. 758 759,760, Othakkal Mandapam, Coimbatore-641 032 (T.N). (On temporary affiliation/Self Financing College)	2000	The College is **not** eligible to receive Central assistance in terms of rules framed under Section 12 (B) of the UGC Act, 1956.

The Indemnity Bond and other documents submitted in respect of the above College have been accepted by the Commission.

Yours faithfully

(P.K. Sharma)
Under Secretary

Copy to:-

1. The Principal, Karpagam College of Engineering, S.F. No. 758 759,760, Othakkal Mandapam, Coimbatore-641 032 (Tamilnadu).   B.N.P.L. SCHEME
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Secondary & Higher Education, Shastri Bhawan, New Delhi-110 001.
3. The Secretary to the Government of Tamilnadu, Department of Higher Education, Chennai (Tamilnadu).
4. Education Officer, UGC; South Eastern Regional Office, P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad-500 001 (A.P).
5. Publication Officer, UGC-Website, New Delhi.
6. Section Officer, FD-III Section, UGC, New Delhi.
7. All Sections, UGC, New Delhi.
8. Guard file.

(Mrs. Sunita Gulati)
Section Officer

UGC

विश्वविद्यालय अनुदान आयोग
University Grants Commission
(मानव संसाधन विकास मंत्रालय, भारत सरकार)
Ministry of Human Resource Development,
Govt. of India)
बहादुर शाह जफर मार्ग, नई दिल्ली – 110 002
Bahadur Shah Zafar Marg, New Delhi – 110 002

UGC Website: www.ugc.ac.in
Ph. 011-23604414 (CPP-I/Colleges)

Speed Post

F. No. 8-538/2015 (CPP-I/C)

Forwarded to Trust office   June, 2016
P. Shri
10/06/16   [-7 JUN 2016]

The Registrar,
Anna University
Sardar Patel Road, Chennai – 600 025
Tamil Nadu

Sub: - Declaring a College fit to receive Central Assistance under Section 12 (B) of the UGC Act, 1956.

Sir,

I am directed to refer to your letter no. 099/CAI/AU/2016 dated 19.02.2016 on the above subject and to say that it is noted that the following college is **un-aided/self financed** and **permanently** affiliated to **Anna University, Chennai.** The college is already included under Section 2(f) of the UGC Act, 1956 vide this office letter no.F.8-83/2008 (CPP-I), dated April, 2008. I am further to say that the name of the following college has been included in the list of colleges prepared under Section **12 (B)** of the UGC Act, 1956 under the head 'Non-Government, self financed College teaching upto **Master's** Degree':-

Name of the College	Year of Establishment	Remarks
Karpagam College of Engineering, S.F.No. 758,759,760, Othakkal Mandapam, Coimbatore – 641 032, Tamil Nadu.	2000	The College is now declared fit to receive Central assistance in terms of Rules framed under Section 12 (B) of the UGC Act, 1956. However, the College, being a self financing & unaided, would be eligible to receive UGC's support only in respect of teachers & students related schemes as per the decision of the Commission dated 8th July 2011.

The documents submitted in respect of the above College have been accepted by the University Grants Commission.

Yours faithfully,

(Charan Dass)
Under Secretary

Copy to:-

1. The Principal, Karpagam College of Engineering, S.F.No. 758,759,760, Othakkal Mandapam, Coimbatore – 641 032, Tamil Nadu.
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi - 110 001.
3. The Secretary, Higher Education Deptt. Government of Tamilnadu, Secretariat, Chennai - 600 009, (Tamil Nadu).
4. The Joint Secretary, UGC, South Eastern Regional Office (SERO), P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad - 500 001, (Telangana).
5. Publication Officer (UGC-Website), New Delhi.
6. Section Officer (FD-III Section), UGC, New Delhi.
7. Guard file.

(M.P. Singh)
Section Officer

Annexure – II

Details of Recognition / Approval by Statutory / Regulatory Bodies

ANNA UNIVERSITY

CHENNAI - 600 025, INDIA

Phone : (O) 22352161, 22357004

Fax : 91-44-2235 1956

Gram : ANNATECH

E-mail : registrar@annauniv.edu

REGISTRAR

Lr. No. 467 / CAI / Permanent Affln. / 2014-15   Dated:12.11.2014

To

The Principal,
Karpagam College of Engineering(Autonomous),
Othakkal Mandapam,
Coimbatore South,
Coimbatore – 641 032.

Sir,

Sub: **Permanent Affiliation** - Granting of Permanent Affiliation for the existing programmes – 2014-15 – Reg.

Ref: Your application for the grant of Permanent Affiliation.

******

I am to inform that under the provisions of section 7.6.2 of the Anna University statutes for affiliation, **Permanent Affiliation** for the existing programme(s) is granted for the following B.E. / B.Tech. / B.Arch. / M.E. / M.Tech. / M.B.A / M.C.A programme(s) with the sanctioned intake indicated against each from the academic year 2014-15 at **Karpagam College of Engineering(Autonomous),** Othakkal Mandapam, Coimbatore South, Coimbatore – 641 032.

Sl. No.	Degree	Programme(s)	Sanctioned intake	Year from which Permanent Affiliation is granted
1.	B.E.	Computer Science and Engineering	120	2014-15
2.	B.E.	Electrical and Electronics Engineering	180	
3.	B.E.	Electronics and Communication Engineering	180	
4.	B.E.	Mechanical Engineering	180	
5.	B.Tech.	Information Technology	120	
6.	M.B.A.	Master of Business Administration	180	

The above said status of Permanent Affiliation is granted subject to the following conditions:

1. The college should obtain extension of approval by the UGC / AICTE / COA / DGS as applicable for every academic year for the above mentioned programmes with the corresponding sanctioned intake. In the absence of extension of approval from the appropriate authority, the Permanent Affiliation now granted will not be valid.

2. In case of increase in intake granted by the appropriate authority for a permanently affiliated programme, the college should apply to the University for the grant of affiliation for the increased intake and orders of the University should be obtained for increasing the intake of the permanently affiliated programme.

3. The college should continue to fulfill the requirements for the above mentioned programmes as per the norms and standards of the University and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for these programmes.

4. The college should strictly adhere to and comply with the provisions of Anna University Act / Statutes / Regulations norms and standards / guidelines or any other law time being in force.

5. The permanent affiliation granted may be suspended / withdrawn after adopting the procedures laid down in the Regulations, if the college fails to comply with the provisions made in this behalf or the college has failed to observe / implement any of the conditions of affiliation or the college has conducted in a manner which is prejudicial to the interests of University education and/or students.

6. Notwithstanding the granting of Permanent Affiliation, the university reserves its right to inspect the college to verify the continued fulfillment of the affiliation requirements as prescribed by the University for the Programmes concerned.

7. The Permanent Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of Tamil Nadu Land Reforms (LC) Act 1961 subject to the decision of the Hon'ble High Court of Madras in W.A.No. 3454 / 2002 batch and W.A.No. 3482 / 2002 batch.

8. The Management is directed to submit a duly signed undertaking on a Rs.100/- non-judicial stamp paper to the Registrar, Anna University Chennai, Chennai-600 025, within 15 days from the date of receipt of this letter to the effect that the conditions specified above will be fulfilled.

Yours sincerely

REGISTRAR
REGISTRAR
ANNA UNIVERSITY
CHENNAI-600 025

Copy to:

1. The Commissioner of Technical Education, Chennai – 600 025.
2. The Controller of Examinations, Anna University Chennai, Chennai – 600 025.
3. The Director, Student Affairs, Anna University Chennai, Chennai – 600 025.
4. The Director, Academic Courses, Anna University Chennai, Chennai – 600 025.
5. Master File.

ANNA UNIVERSITY
CHENNAI - 600 025, INDIA

REGISTRAR

Phone : (O) 22352161, 22357004
Fax   : 91-44-2235 1956
Gram   : ANNATECH
E-mail : registrar@annauniv.edu

Lr No. 02 /AFFLN/CAI//CBE/AU/2016-17/7178   Date: 13-05-2016

To

The Principal,
Karpagam College of Engineering (Autonomous),
Othakkal Mandapam, Coimbatore South, Coimbatore-
641032

Sir,

    Sub: AU - AFFILIATION - Provisional Affiliation for the existing course(s) / New course(s) / variation in intake - U.G. / P.G. for the academic year 2016-17 Granted - Reg.

    Ref: 1. Your application for affiliation for the academic year 2016-17
         2. AICTE Approval for the academic year 2016-17.

    I am to inform that under the provisions of Section 7.6.1 of the Statutes for affiliation of Anna University, Chennai, **Provisional Affiliation** for the continuation of the existing course(s) / new course(s) / variation in intake in the existing course(s) is granted for the following U.G / P.G. courses with the sanctioned intake mentioned against each course for the academic year **2016-17** at **Karpagam College of Engineering (Autonomous), Othakkal Mandapam, Coimbatore South, Coimbatore-641032.**

Sl. No.	Degree	Course(s)	Sanctioned Intake	
			2015-16	2016-17
1	B.E.	Automobile Engineering	60	60
2	B.E.	Civil Engineering	90	90
3	B.E.	Electronics and Instrumentation Engineering	90	90
4	B.E.	Electronics and Telecommunications Engineering	60	60
5	M.C.A.	Master of Computer Applications	120	120
6	M.E.	Communication Systems	18	18
7	M.E.	Mechatronics	18	18
8	M.E.	VLSI Design	18	18

The above said Provisional Affiliation is being granted subject to the fulfillment of the conditions mentioned below:

- Production of Originals of AICTE / COA / DGS approval and all other related documents for verification, whenever demanded by the University.

- Verification by a Committee towards the fulfillment of the conditions mentioned above and the continued fulfillment of the requirements for the above-mentioned course(s) as per the norms and standards of AICTE / University and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for the above courses. In the event of any violation/infringement of the above said conditions and / or the provisions of Anna University, Chennai Act / Statutes / Regulations, AICTE Act, norms & standards / regulations / guidelines or any other law being in force, suitable action including suspension / withdrawal of affiliation of course(s) may be initiated against the college.

- Students should not be admitted for the above course(s) for the next academic year without obtaining

1 of 2

---

the order of continuation of provisional affiliation for the next academic year from the University.

The Provisional Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of TAMILNADU Reforms (LC) Act 1961 subject to the decision of the Hon`ble High Court of Madras in W.A. No. 3454 / 2002 batch and W.A. No. 3482 / 2002 batch.

Yours sincerely,

REGISTRAR
ANNA UNIVERSITY
CHENNAI-600 025

Copy to:

1.   The Director of Technical Education, DOTE campus, Chennai - 600 025.

2.   The Regional Officer, Southern Regional Office, AICTE, 26,Haddows Road,Shastri Bhawan,Chennai 600 006.

3.   Master file.

-----

2 of 2

F.No. Southern/1-2811303399/2016/EOA

Date: 30-Apr-2016

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Southern	Application Id	1-2811303399
Name of the Institute	KARPAGAM COLLEGE OF ENGINEERING	Permanent Id	1-4285391
Name of the Society/Trust	KARPAGAM CHARITY TRUST	Institute Address	SF NO : 758, 759, 760 OTHAKKAL MANDAPAM COIMBATORE - 641 032, COIMBATORE, COIMBATORE, Tamil Nadu, 641032
Institute Type	Unaided - Private	Society/Trust Address	14-A,LIC COLONY, KURUCHI, COIMBATORE-641021.,COIMBATORE,COIMBATORE,Tamil Nadu,641021

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2811303399			Course	Full/Part Time	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	NRI Approval status	PIO / FN / Gulf quota Approval status	Foreign Collaborarion/Twining Program Approval status
Program	Shift	Level								
ENGINEERING AND	1st Shift	POST GRA	COMMUNICATION SYSTEMS	FULL TIME	Anna University, Chennai	18	18	NA	NA	NA

Application Number: 1-2811303399
Note: This is a Computer generated Report.No signature is required.

Printed By : ae885291

Page **1** of **4**
Letter Printed On:3 May 2016

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

TECHNOLOGY		DUATE								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MECHATRONICS	FULL TIME	Anna University, Chennai	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	VLSI	FULL TIME	Anna University, Chennai	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	AUTOMOBILE ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Anna University, Chennai	90	90	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	180	180	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Anna University, Chennai	90	90	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Anna University, Chennai	180	180	NA	NA	NA
	1st	UNDER	INFORMATION	FULL	Anna	120	120	NA	NA	NA

Application Number: 1-2811303399
Note: This is a Computer generated Report.No signature is required.
Printed By : ae885291

Page 2 of 4
Letter Printed On:3 May 2016

AQAR of Karpagam College of Engineering for the academic year 2015-16   85

ENGINEERING AND TECHNOLOGY	Shift	ER GRA DUA TE	TECHNOLOGY	TIME	University, Chennai					
ENGINEERING AND TECHNOLOGY	1st Shift	UND ER GRA DUA TE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	180	180	NA	NA	NA
MANAGEME NT	1st Shift	POS T GRA DUA TE	MASTERS IN BUSINESS ADMINISTRATI ON	FULL TIME	Anna University, Chennai	180	180	NA	NA	NA
MCA	1st Shift	POS T GRA DUA TE	MASTERS IN COMPUTER APPLICATIONS	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA

The above mentioned approval is subject to the condition that KARPAGAM COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org

Prof. Alok Prakash Mittal
Member Secretary, AICTE

Copy to:
1. **The Regional Officer,**
   All India Council for Technical Education
   Shastri Bhawan 26, Haddows Road
   Chennai - 600 006, Tamil Nadu

2. **The Director Of Technical Education,**
   Tamil Nadu

3. **The Registrar,**
   Anna University, Chennai

4. **The Principal / Director,**
   KARPAGAM COLLEGE OF ENGINEERING
   SF NO : 758, 759, 760

Application Number: 1-2811303399
Note: This is a Computer generated Report.No signature is required.
Printed By : ae885291

Page **3** of **4**
Letter Printed On:3 May 2016

OTHAKKAL MANDAPAM
COIMBATORE - 641 032,
COIMBATORE,COIMBATORE,
Tamil Nadu,641032

5. **The Secretary / Chairman,**
    KARPAGAM CHARITY TRUST
    14-A,LIC COLONY,
    KURUCHI,
    COIMBATORE-641021.,
    COIMBATORE,COIMBATORE,
    Tamil Nadu,641021

6. **Guard File(AICTE)**

Application Number: 1-2811303399
Note: This is a Computer generated Report.No signature is required.
Printed By : ae885291

Page **4** of **4**
Letter Printed On:3 May 2016

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22, 2436 0654 Telefax: +91 11 2436 0682
Website: www.nbaind.org

NBA
NATIONAL BOARD
of ACCREDITATION

F.No.33-131/2010-NBA

Dated: 15-04-2016

To,

The Principal
Karpagam College of Engineering
S.F.No 758.759.760,Othakkal Mandapam,
Coimbatore-641032
Tamil Nadu.
Ph: 0422 - 2619030
Email: ankhod@gmail.com ; chairmankce@gmail.com

Subject: Accreditation status of programmes applied by Karpagam College of Engineering, S.F.No 758.759.760, Othakkal Mandapam, Coimbatore-641032, Tamil Nadu.

Sir,

This has reference to your application dated 18-04-2015 in Tier-I format seeking accreditation by National Board of Accreditation to UG Engineering programmes offered by Karpagam College of Engineering, S.F.No 758.759.760, Othakkal Mandapam, Coimbatore-641032, Tamil Nadu.

2.   An Expert Team conducted on-site evaluation of the programmes during 18th – 20th December, 2015. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programmes as given in the table below:

Sl. No.	Name of the Programmes (UG)	Basis of Evaluation	Accreditation Status	Period of validity w.e.f. 01.01.2016	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering	Tier-I Document	Provisionally Accredited	2 years	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Information Technology		Provisionally Accredited	2 years	
3.	Electrical & Electronics Engineering		Provisionally Accredited	2 years	
4.	Electronics & Communication Engineering		Provisionally Accredited	2 years	

3.   It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4.   The programs have been granted Provisional Accreditation for 2 years. As such, Karpagam College of Engineering, S.F.No 758.759.760, Othakkal Mandapam, Coimbatore-641032, Tamil Nadu is required to submit the Compliance report after 18 months. It may require submission of pre-qualifier before sending the Compliance report for granting further Accreditation. The process for submitting Pre-Qualifiers and Compliance report has been notified on the website of National Board of Accreditation.

5.   The accreditation status awarded to the programmes as indicated in the above table does not imply that the accreditation has been granted to Karpagam College of Engineering, S.F.No 758.759.760, Othakkal Mandapam, Coimbatore-641032, Tamil Nadu as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is programme accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the programme(s) accredited, level of programmes and the period of validity of accreditation, as well as the date from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6.   The accreditation status of the above programmes is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programmes as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7.   The accreditation status awarded to the programmes as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8.   Copy of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programmes are also enclosed.

9.   If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1.Copy of Report of Chairman of the Visiting Team.
        2.Copies of Expert Reports of the Visiting Team.

Copy to:

1.   The Secretary,
     Department of Technical Education
     Government of Tamil Nadu, Chennai - 600 009,
     Tamil Nadu

2.   The Registrar,
     Anna University
     Sardar Patel Road, Old Highways Buidling,
     Guindy, Chennai- 600025, Tamil Nadu

3.   Accreditation File

4.   Master Accreditation file of the State

Annexure – III

Feedback Analysis (Sample Only)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ALUMNI SURVEY-ANALYSIS

2011-2015 BATCH

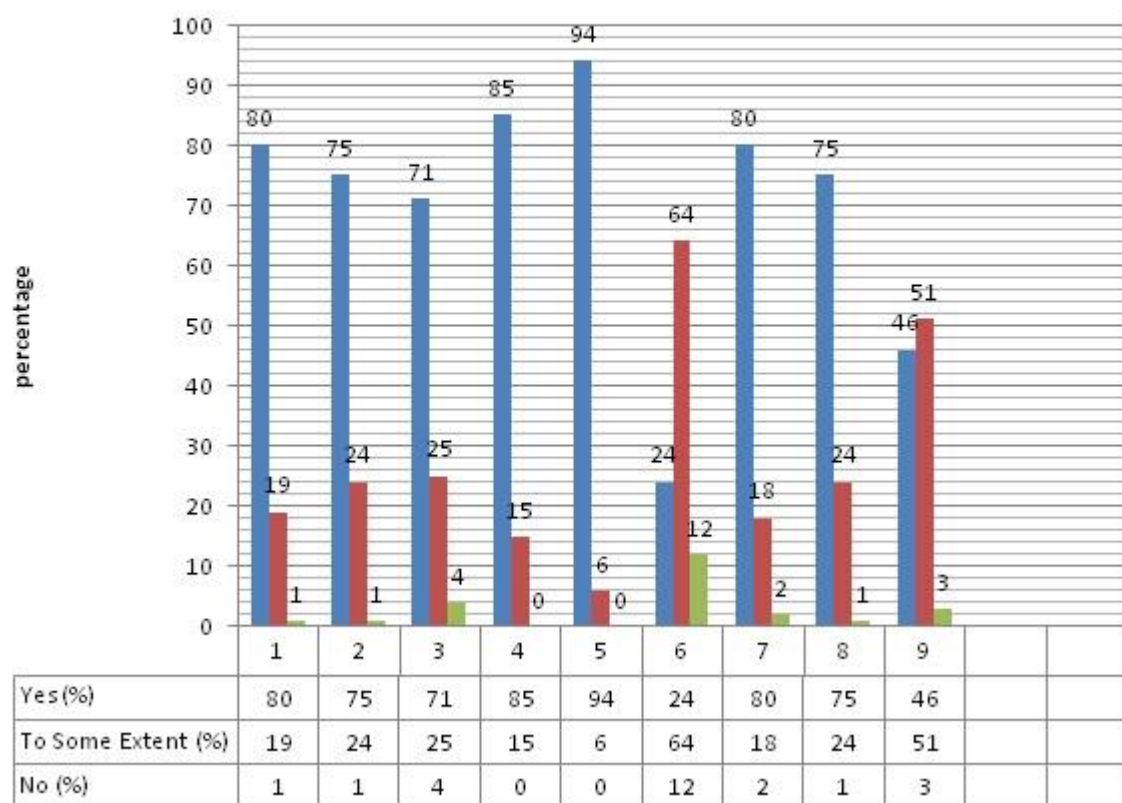## TOTAL NO OF RESPONSES RECEIVED: 80

S.No.	Questions	Assessment Method And Weightage		
		Yes	To some extent	No
1	Are you able to analyze engineering problems with the knowledge you gained?	64	15	1
2	Are you able to identify, formulate and solve engineering problems?	60	19	1
3	Are you able to apply, use techniques, skills and modern engineering tools necessary for engineering practices?	57	20	3
4	Are you able to function in multi disciplinary projects and multi disciplinary teams?	68	12	0
5	Please list subject you learned in UG/PG course which you find highly useful in industry	75	5	0
6	What are the value added course you studied which Karpagam, you feel, is useful in your profession?	21	52	7
7	Are you able to communicate easily and effectively?	64	14	2
8	What type of training do you think should be given in college, so that it might be useful in your current position?	60	19	1
9	What improvement you would recommend for the college?	37	41	2

PERCENTAGE OF RESPONSES

S.No.	Questions	Assessment Method And Weightage (in %)		
		Yes (%)	To some extent (%)	No (%)
1	Are you able to analyze engineering problems with the knowledge you gained?	80	19	1
2	Are you able to identify, formulate and solve engineering problems?	75	24	1
3	Are you able to apply, use techniques, skills and modern engineering tools necessary for engineering practices?	71	25	4
4	Are you able to function in multi disciplinary projects and multi disciplinary teams?	85	15	0
5	Please list subject you learned in UG/PG course which you find highly useful in industry	94	6	0
6	What are the value added course you studied which Karpagam, you feel, is useful in your profession?	24	64	12
7	Are you able to communicate easily and effectively?	80	18	2
8	What type of training do you think should be given in college, so that it might be useful in your current position?	75	24	1
9	What improvement you would recommend for the college?	46	51	3

Alumni Survey Analysis
2011-2015 Batch

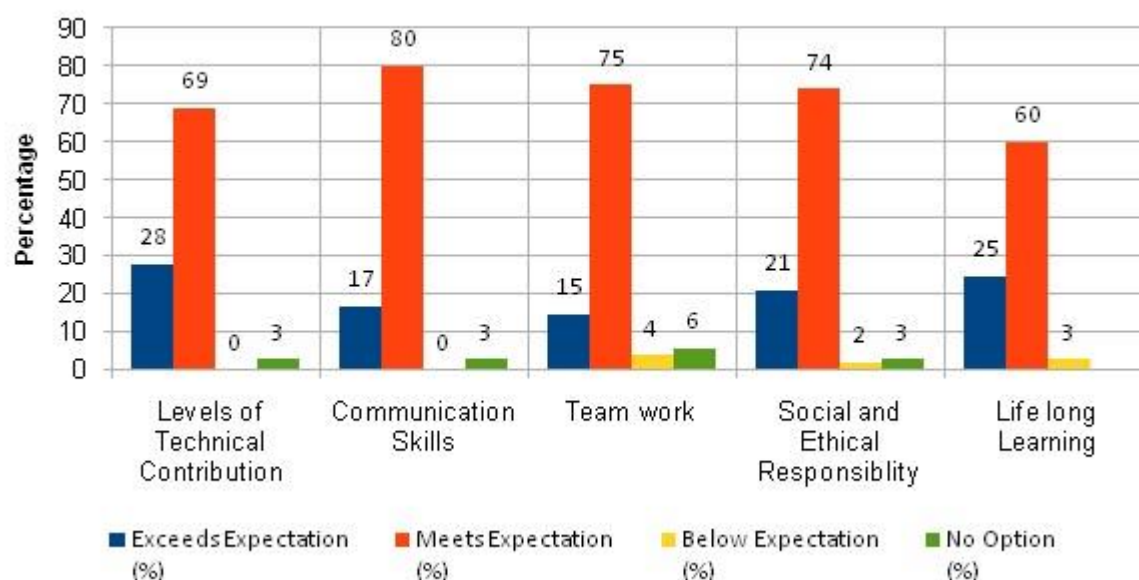|	1	2	3	4	5	6	7	8	9		
Yes (%)	80	75	71	85	94	24	80	75	46		
To Some Extent (%)	19	24	25	15	6	64	18	24	51		
No (%)	1	1	4	0	0	12	2	1	3		

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

EMPLOYER SURVEY ANALYSIS

2011-2015 BATCH

S.NO	Key Component	Exceeds Expectation (%)	Meets Expectation (%)	Below Expectation (%)	No Option (%)
1	Levels of Technical Contribution	28	69	0	3
2	Communication Skills	17	80	0	3
3	Team work	15	75	4	6
4	Social and Ethical Responsibility	21	74	2	3
5	Lifelong Learning	25	60	3	12

Employer Survey-Analysis 2011-15 Batch

Employer Survey -Analysis 2011-15 Batch
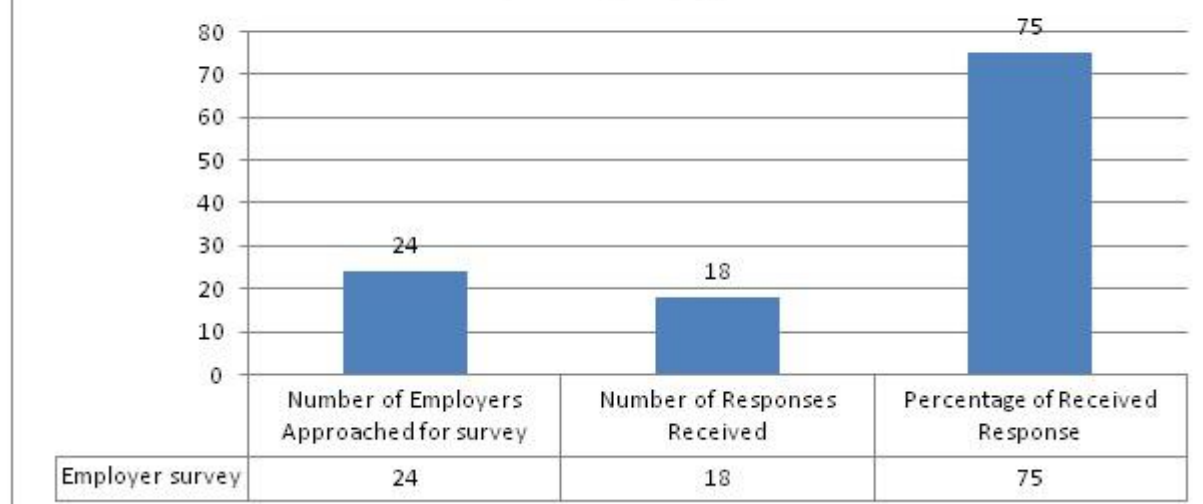
Employer survey	Number of Employers Approached for survey	Number of Responses Received	Percentage of Received Response
Employer survey	24	18	75

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXIT SURVEY-ANALYSIS

2012-2016 BATCH

TOTAL NUMBER OF RESPONSES-90

S.No.	POs	Assessment Method And Weightage			
		Excellent (4)	Good (3)	Average (2)	Below Average (1)
1	a	22	54	12	2
2	b	20	60	9	1
3	c	17	52	20	1
4	d	19	48	20	3
5	e	21	53	16	0
6	f	14	51	23	2
7	g	33	45	11	1
8	h	13	72	3	2
9	i	10	67	13	0
10	j	14	52	23	1
11	k	23	33	34	0
12	l	15	55	20	0

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXIT SURVEY-ANALYSIS

2012-2016 BATCH

TOTAL NUMBER OF RESPONSES-90

S.No.	POs	Assessment Method And Weightage (in %)			
		Excellent (4)%	Good (3) %	Average (2)%	Below Average (1)%
1	a	25	60	13	2
2	b	22	67	10	1
3	c	19	58	22	1
4	d	21	54	22	3
5	e	23	59	18	0
6	f	16	57	25	2
7	g	37	50	12	1
8	h	15	80	3	2
9	i	11	75	14	0
10	j	15	58	26	1
11	k	15	58	26	1
12	l	25	37	38	0

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXIT SURVEY-ANALYSIS

2012-2016 BATCH

TOTAL NUMBER OF RESPONSES-90
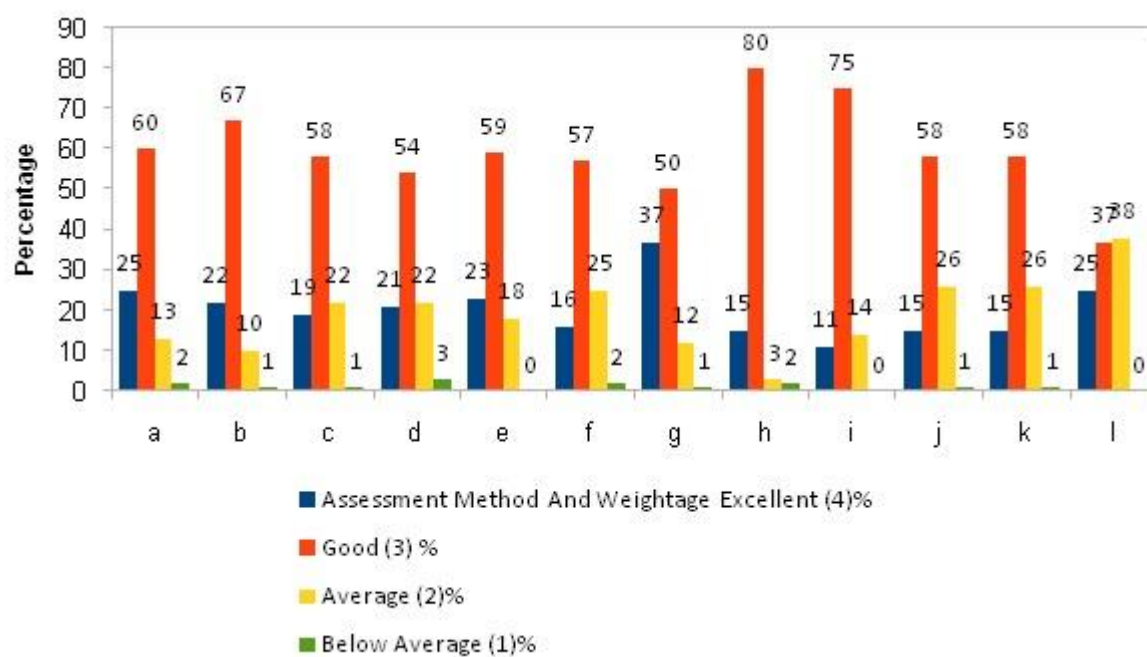
STUDENTS FEEDBACK ON FACULTY

KARPAGAM COLLEGE OF ENGINEERING FEEDBACK REPORT

CLASS WISE REPORT

DEPARTMENT : AUTO
BATCH : 2013
SEMESTER : 6th
SECTION : 'A

STAFF ID	STAFF NAME	SUB CODE	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	STUDENTS ENTERED	TOT AVG
KE0005	ELAYARAJA P	12A001	3.7	3.7	3.6	3.5	3.5	3.6	3.6	3.7	3.5	3.6	30	3.6
KE0683	KRISHNAPRIYADHARSHINI	12A019	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.4	4.5	37	4.4
KE0685	PRIYADARSHINI M	12A601	4.2	4.1	4.3	4.2	4.1	4.1	4.2	4.1	4.3	4.2	51	4.18
KE0007	KANNAN D	12A602	4.2	4	4.1	4.1	4.1	4.1	4.1	4	4.2	4.1	51	4.1
KE0687	KONDUSAMY V	12A603	3.6	3.5	3.5	3.5	3.7	3.6	3.5	3.4	3.6	3.4	51	3.53
KE0146	ANBU G	12A604	4.6	4.6	4.5	4.5	4.6	4.7	4.6	4.7	4.6	4.6	51	4.6
KE0147	VENKATESHWARAN P	12A605	4.4	4.2	4.3	4.3	4.5	4.5	4.4	4.3	4.4	4.4	51	4.37

QUESTIONS

Q1) Punctual to the Class and Handling the class for entire Duration.
Q2) Presentation, Clarity of expression and Voice Modulation.
Q3) Completion of Syllabus in time.
Q4) Clarity of Writing in the Board.
Q5) Review of previous class subjects content.
Q6) Control of students in the class.
Q7) Clearing doubts in the class and outside.
Q8) Motivating and Encouraging students to use Library for Journals / Ref.Books.
Q9) Treating every student equally without favoritism.
Q10) Fulfillment of expectation of the course.(over all satisfaction)

SUBJECT CODE	SUBJECT NAME
12A001	INTELLIGENT TRANSPORT SYSTEM
12A019	DATABASE MANAGEMENT SYSTEMS
12A601	PRINCIPLES OF MGMT AND ENGG ETHICS
12A602	AUTOMOTIVE CHASSIS DESIGN
12A603	COMPUTER AIDED VEHICLE DESIGN
12A604	FINITE ELEMENT ANALYSIS
12A605	COMBUSTION AND HEAT TRANSFER

[VICE PRINCIPAL]