NATIONAL ENGINEERING COLLEGE

(An Autonomous Institution Affiliated to Anna University Chennai)

K. R. Nagar, Kovilpatti-628503

INTERNAL QUALITY ASSURANCE CELL

ANNUAL QUALITY ASSURANCE REPORT
2016 - 2017

Submitted to

National Assessment and Accreditation Council
Bangalore, India

CERTIFICATE

This is to certify that the Annual Quality Assurance Report 2016 -17 forwarded to the National Assessment and Accreditation Council, Bangalore is compiled from the data collected from the official records and is true to the best of our knowledge and belief.

IQAC COORDINATOR
(Dr.K.Manisekar)

PRINCIPAL
(Dr.S.Shanmugavel)

Contents

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

NATIONAL ENGINEERING COLLEGE

1.2 Address Line 1

K.R.NAGAR

Address Line 2

NALATTINPUTHUR (P.O.)

City/Town

KOVILPATTI

State

TAMILNADU

Pin Code

628 503

Institution e-mail address

principal@nec.edu.in

Contact Nos.

04632-222502, 230227, 222515

Name of the Head of the

Institution:

Dr.S.Shanmugavel

Tel. No. with STD Code:

04632-227441

Mobile:

9488702250

Name of the IQAC Co-ordinator:

Dr.K.Manisekar

Mobile:

9442182502

IQAC e-mail address:

iqac.nec@gmail.com

1.3 NAAC Track ID

TNCOGN15339

1.4 NAAC Executive
Committee No. & Date:

EC(SC)/22/A&A/26.1 dated 22.02.2017

1.5 Website address:

www.nec.edu.in

Web-link of the AQAR:

www.nec.edu.in/pdf/AQAR 2016-17.pdf

1.6 Accreditation Details

S. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	2.5	2014	5 Years
2	1st cycle Reassessment	B++	2.83	2017	5 Years

1.7 Date of Establishment of IQAC: DD/MM/YYYY

06.06.2013

1.8 AQAR for the year

2016-17

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

- AQAR 2015-16 submitted to NAAC on 08.07.2016.

1.10 Institutional Status

   University   State ☐   Central ☐   Deemed ☐   Private ☐

   Affiliated College   Yes ✓   No ☐

   Constituent College   Yes ☐   No ☐

   Autonomous college of UGC   Yes ✓   No ☐

   Regulatory Agency approved Institution   Yes ✓   No ☐

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

   Type of Institution   Co-education ✓   Men ☐   Women ☐

                      Urban ☐   Rural ✓   Tribal ☐

   Financial Status   Grant-in-aid ☐   UGC 2(f) ✓   UGC 12B ✓

                Grant-in-aid + Self Financing ☐   Totally Self-financing ✓

1.11 Type of Faculty/Programme

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

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

   Others (Specify) | . |

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

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

   Autonomy by State/Central Govt. / University | University |

   University with Potential for Excellence ☐   UGC-CPE ☐

DST Star Scheme ☐   UGC-CE ☐

UGC-Special Assistance Programme ☐   DST-FIST ☐

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

UGC-COP Programmes ☐

2. IQAC Composition and Activities

2.1 No. of Teachers | 04

2.2 No. of Administrative/Technical staff | 03

2.3 No. of students | 07

2.4 No. of Management representatives | 01

2.5 No. of Alumni | 03

2.6 No. of any other stakeholder and
     community representatives | 01

2.7 No. of Employers/ Industrialists | 01

2.8 No. of other External Experts | -

2.9 Total No. of members | 20

2.10 No. of IQAC meetings held | 02

2.11 No. of meetings with various stakeholders: No. ☐   Faculty | 03

Non-Teaching Staff Students ☐   Alumni | 02   Others | 02

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. | 67 | International | 1 | National | 12 | State | 11 | Institution Level | 43

(ii) Themes

CSE	1) Indian National Science Academy (INSA) sponsored two day National Level seminar on "Research Avenues in Speckled Computing and Speck Nets: A Futuristic Pervasive Revolution" from 23.06.2016 to 24.06.2016. 2) IEEE – ITS sponsored two day Project Exhibition "PROEXPO'16" from 29.06.2016 to 30.06.2016. 3) ISTE sponsored two day National level seminar on "Pattern recognition and Machine learning techniques & its applications" from 10.08.2016 to 11.08.2016. 4) ISTE sponsored two day seminar on "Brain Computer Interface-Integrating EEG and its Maze" from 28.09.2016 to 29.09.2016. 5) CIIL, Mysore sponsored three day National level seminar on "Perspectives of HCI using Natural Language Processing" from 05.10.2016 to 07.10.2016. 6) ISTE sponsored two day Regional level conference on "Soft computing & Computational intelligence (CONSCI'17)" from 02.02.2017 to 03.02.2017.
ECE	1) One day state level seminar on "Recent advances in Image / Signal Processing for Biomedical applications" on 20.08.2016. 2) Two day state level workshop on "Computational electro magnetics to RF and microwave components" from 01.09.2016 & 02.09.2016. 3) One day Intracollegiate symposium ELECTRONICA 2k16 on 07.09.2016. 4) One day state level seminar on "RF Importance on IoT" on 23.09.2016. 5) Three day International conference on "Wireless Smart System Technologies" from 05.01.2017 to 07.01.2017. 6) Two day National symposium "NECTAR 2k17" from 28.02.2017 & 01.03.2017
EEE	1) Three day National level workshop on "Implementation of soft computing techniques using Matlab –ISCT '16" from 04.08.2016 to 06.08.2016. 2) Short term course on "Hands on training programming in Arduino" in the odd sem 2016-17. 3) Short term course on "Simulation of PIC microcontroller applications using proteus software and hardware implementation" in the odd sem 2016-17. 4) Short term course on "Implementation of control engineering using LABVIEW" in the odd sem 2016-17. 5) Short term course on "Design of electronic circuits using FPGA" in the odd sem 2016-17. 6) Short term course on "Simulation of Power Electronics Circuits using PSIM" in the even sem 2016-17. 7) One day National level symposium TESLA '17 on 10.01.2017. 8) Two day short term course on "Electrical CAD" from 20.01.2017 to 21.01.2017.

	9) Two day National symposium ALTANZIA 2K17 from 06.03.2017 to 07.03.2017.
EIE	1) One day workshop on "Programmable Logic Control (PLC)" on 20.06.2016. 2) One day workshop on "Industrial Automation" on 06.08.2016. 3) One day workshop on "Industrial Automation" on 20.08.2016. 4) One day workshop on "XML Programming and the usage of EPSILON Tool" on 22.08.2016. 5) Three day Hands on training programme on "Embedded System Design Using PIC & ARM Microcontroller" 01.09.2016 to 03.09.2016. 6) One day Hands on training programme on "Arduino Programming" on 03.09.2016. 7) Two day Hands on training programme on "Embedded System Design using ARM7 LPC2148" from 02.12.2016 to 03.12.2016. 8) One day workshop on "ARDUINO programming" on 04.02.2017. 9) Two day state level symposium INTESY from 14.02.2017 to 15.02.2017. 10) Two day workshop on "Fundamentals of Lab VIEW" from 17.02.2017 to 18.02.2017. 11) Two day workshop on "Mat Lab for budding Instrumentation Engineers" from 17.02.2017 to 18.02.2017. 12) Twelve day workshop on "Fundamentals of PLC" from 20.02.2017 to 03.03.2017.
IT	1) Anna University, Chennai sponsored Seven day FDTP on "Web Programming" from 06.06.2016 to 12.06.2016. 2) Eleven day state level workshop on "Bigdata and Hadoop development – IIT Roorkee & Revert Technologies" from 23.06.2016 to 03.07.2016. 3) Three day Hands on Training on "Embedded System Design using Arduino processors" on 28.08.2016, 29.08.2016 and 31.08.2016. 4) One day Workshop on "Internet of Things" on 17.02.2017. 5) One day Workshop on "Ethical Hacking and Cyber Security" on 23.02.2017.
MECH	1) One day Guest lecture on "ENGINE MANAGEMENT SYSTEM" on 01.07.2016. 2) One day Intra-department level technical symposium JARVIS '2016 on 09.08.2016. 3) Three day National level symposium cum workshop YUGNA-X '16 from 22.09.2016 to 24.09.2016. 4) One day seminar on "Innovation and Product development "on 6.10.2016. 5) Three day workshop on "Industrial Auto CAD training "from 30.11.2016 to 02.12.2016. 6) Three day workshop on "Solid Works Modelling training" from 21.12.2016 to 23.12.2016. 7) One day Intra-departmental level symposium INTELLECT on 04.01.2017. 8) One day workshop on "Automaniac'17" on 04.02.2017. 9) One day seminar on "Jobs and higher studies in abroad" on 09.02.2017. 10) Two day National level symposium cum workshop ARCUEZ '16 from 27.02.2017 to 28.02.2017. 11) One day workshop on "Effective Teaching Practice" on 23.07.2016. 12) One day training program on "Guidance for Effective Research Paper writing and Research Proposal Preparation" on 5.11.2016. 13) One day workshop on "Active and Hybrid learning methods" on 19.11.2016. 14) Three day training program on "Solid Works Software" from 21.12.2016 to 23.12.2016. 15) Two day training program on ANSYS 17.2 from 27.02.2017 to 28.02.2017.

CIVIL	1) One day seminar on "Role of a Civil Engineer in Harbor Engineering" on 05.08.2016. 2) One day seminar on "Trends in civil engineering and opportunities in L&T" on 02.09.2016. 3) One day seminar on "Unknown scope for civil engineers in India" on 30.11.2016. 4) One day seminar on "Insights into the Principles and Applications of Electrical Machines" on 31.12.2016. 5) One day seminar on "Healthy constructions" on 06.01.2017. 6) One day seminar on "Introduction to refrigeration and air conditioning system" on 10.01.2017. 7) One day seminar on "Heat load calculation &selection of refrigeration and air conditioning equipment" on 11.01.2017. 8) One day seminar on "Erection and commissioning of air conditioner for different buildings" on 12.01.2017. 9) One day seminar on "Career setting" on 01.02.2017. 10) One day state level workshop on "Total Station" on 15.02.2017. 11) One day state level workshop on "Revit Architecture" on 16.02.2017. 12) Two day state level symposium "Chiselz'2K17" from 15.02.2017 to 16.02.2017.
S&H	1) One day state level symposium CHENMAPH'17 on 17.03.2017.

2.14 Significant Activities and contributions made by IQAC

- Efforts have been taken to include student members in IQAC, Board of Studies and academic council.
- Teaching learning process is constantly evaluated through feedbacks and internal academic Audit.
- The information is disseminated on the various quality parameters of education
- Orientation programmes have been arranged for Junior faculty members through NITTRC, Bangalore
- Plans have been formulated for various academic and non-academic activities.
- Efforts have been taken to establish entrepreneur cell and Business Incubator to inculcate entrepreneurial skill among the students
- Academic auditing for teaching learning process is being carried out to ensure the quality of education.
- The outcomes of various academic and non-academic activities are discussed for improving the system of the quality assurance.
- Exit survey is conducted every year to get the overall feedback in all the academic activities to ensure the quality of education and to develop excellent academic culture.
- Feedbacks are collected from various stake holders like alumni and employers to modify the required things to sustain quality academic environment.
- Interaction is carried out with Heads of departments and faculty members for maintaining and sustaining quality education.

2.15 Plan of Action by IQAC/Outcome

Plan of Action	Achievements
i. More number of PhD registration from Assistant professor Grade faculties.	one Faculty from CSE and one faculty from Civil department in Assistant professor Grade have registered PhD in the last academic year.
ii. 100 % placement to be achieved.	Inspite of tight recession period, we are able to attain 50%, which needs further attention. The college is taking efforts to provide various kinds of trainings to the students to impart required skill to get placement.
iii. More number of research publications in Scopus Indexed Internationals with high impact factor.	55 papers have been published in Scopus Indexed journals with impact factor ranging from 0.2 to 4.5.
iv. To claim and get more number of funded projects from all departments.	• Three funded projects have been sanctioned in CSE from DRDO, Epics in IEEE and Institution of Engineers (I). • One project in ECE dept. from DRDO, and • One project in EEE dept. from UGC.
v. Outside world interaction for both students and faculty members	More than 50% of the faculty at various levels participated in Conferences (National/International by attending and presenting papers), Seminars, Workshops and Faculty Development Training programs. More than 55% of the students from each department have attended technical events in other college symposiums and workshops. In-plant and internship training programs in reputed industries were arranged to the students and students got benefited.
vi. More number of products to be developed for societal purpose and launched in the market	Two products were developed from Mechanical Engineering Department and launched in market last year.
vii. Active utilization of the incubation centre.	Received 5 projects / ideas funded by MSME, New Delhi.
viii. To continue to arrange community development programmes through NCC, NSS, Junior Jaycee Club, Youth Red Cross and Rotaract Club	132 activities were carried out. (Details are enclosed in Annexure II)

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

2.16 Whether the AQAR was placed in statutory body   Yes   ☑   No   ☐

Management ☑   Syndicate ☐   Any other body ☐

Provide the details of the action taken

1) The IQAC meets and discusses various matters relating to curriculum changes and developments to the current needs.
2) Strategic planning committee has been formed in our Institution and strategies were formulated in order to enhance the quality in every aspect.
3) It also reviewed the progress made on the achievements of the previous plans.
4) Plan to provide opportunity for research development by organizing research meetings in various disciplines.
5) Placement cell has been strengthened to provide career guidance to the students by arranging training programmes.
6) Entrepreneurship Development awareness programs and activities have been performed.
7) Effort have been taken to establish
    a. "New Generation Innovation and entrepreneurship Development centre" (**New Gen IEDC**) at our Institution.
    b. Product development center at Electronics and communication Engineering department

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	---	---	---	---
PG	06	---	06	---
UG	07	---	07	---
PG Diploma	---	---	---	---
Advanced Diploma	---	---	---	---
Diploma	---	---	---	---
Certificate	---	---	---	---
Others	---	---	---	---
Total	13	---	13	---

Interdisciplinary	---	---	---	---
Innovative	---	---	---	---

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

Pattern	Number of programmes
Semester	13
Trimester	---
Annual	---

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

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

*Analysis of the feedback are given in Annexure-III

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

> In regulation 2015, the following changes have been incorporated
> 1. Relative grading system is introduced
> 2. Product development laboratory is introduced in the structure of the program
> 3. Provision for add and Drop courses
> 4. Provision to earn credits through online courses
> 5. Question paper pattern is specified for each course based on their category and content delivery method
> 6. Provision to replace 3 credit Programme core/Interdisciplinary elective course with 3 one credit courses
> 7. Syllabus for one credit courses have been formulated
>
> New programme is to be introduced in the IT department -M.Tech (information and Cyber warfare

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

> ❖ Established Business Incubator Centre with Five Incubatees: Mr. S. Pandiaraj, Mr. R. Prem Kumar. Mr. M. Vivekanandan. Mr. S. Manohar and Mr. G. Marimuthu

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of
permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
224	181	24	19	--

2.2 No. of permanent faculty with Ph.D.

44

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
33	---	---	---	---	---	---	---	31	---

2.4 No. of Guest and Visiting faculty and Temporary faculty

---	4	---

2.5 Faculty participation in conferences and symposia:

Dept.	International level			National level			State level		
	Attended	Presented papers	Resource Persons	Attended	Presented papers	Resource Persons	Attended	Presented papers	Resource Persons
MECH	9	5	3	6	1	2	-	-	-
CIVIL	1	4	-	12	2	-	-	-	-
ECE	5	5	-	-	-	21	-	-	-
EEE	1	2	-	35	-	5	-	-	-
EIE	-	7	-	-	-	1	-	-	-
CSE	9	29	6	-	-	-	-	-	-
IT	3	7	-	1	-	4	-	-	-
S&H	2	1	-	11	5	2	-	-	-

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

i. Continuous assessment is performed through the attainment of Course Outcomes
ii. Slow learners are identified and trained
iii. Entire campus is provided with Wi-Fi
iv. More than 50% of the class rooms are provided with LCD TV and Projector for interactive class rooms
v. Frequent interaction with alumni either in person or through Video conferencing is arranged.
vi. Provision to earn credits through on line courses has been made.
vii. Students feedback through online to evaluate faculty performance is collected.
viii. NPTEL videos are also utilized for demonstration.
ix. Interactive learning and problem solving methodologies are followed.
x. Student internship training and hands on training are implemented.

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

172

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

Before the publication of end semester examination results, the students are allowed to verify the answer script of a subject which is randomly selected by the performance analysis committee. Consequently, the application for revaluation of the answer script for those subjects is not permitted. Further, for other subjects, photo copies of the answer scripts will be issued to the students for applying revaluation.

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

161	67	2

2.10 Average percentage of attendance of students

93.36 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Post graduate Degree Courses:						
M.E. Energy Engineering	2	100	---	---	---	100
M.E. Communication Systems	7	42.86	57.14	---	---	100
M.E. Computer Science and Engineering	10	80	20	-	-	100
M.E. High Voltage Engineering	4	75	25	-	-	100
M.E. Control & Instrumentation	04	25	75	-	-	100
M.C.A. Master of Computer Applications	29	7	72.31	-	-	79.31
Undergraduate degree courses:						
Mechanical Engineering	140	20	56.43	-	-	76.43
Electronics and Communication Engineering	140	42.14	39.29	0.71	---	82.14
Computer Science and Engineering	114	39.5	46.5	-	-	86
Electrical and Electronics Engineering	134	31.34	50	-	-	81.34
Electronics and Instrumentation Engineering	64	21.87	68.75	-	-	90.62
Civil Engineering	67	47.76	38.8	-	-	86.56
Information Technology	60	40	50	-	-	90

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

Feedback on teaching & learning is obtained through Course End Survey and Exit surveys from passed out students. Staff Evaluation Reports, Students Feedback Report, Staff Self Appraisal are discussed and corrective measures are planned during the IQAC meetings.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	44
UGC – Faculty Improvement Programme	22
HRD programmes	-
Orientation programmes	6
Faculty exchange programme	-
Staff training conducted by the university	6
Staff training conducted by other institutions	40
Summer / Winter schools, Workshops, etc.	47
Others (Technical Workshop by INFOSYS)	58

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	138	---	---	---
Technical Staff	53	---	---	---

Criterion – III

3. Research, Consultancy and Extension

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

i.	32 Faculties have got incentives for research papers publications in reputed journals for the academic year 2016-17.
ii.	Review was conducted on 22.05.2017 for the faculty to enhance their research by the expert members.
iii.	Addressing various research schemes to the faculties through Research and Development Section
iv.	Persuading to make provision of seed funding to activities like conferences, seminars, workshops, FDP, etc

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	11	12	2	2
Outlay in Rs. Lakhs	187.14992	241.256	34.26	44.83

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	2	4	2
Outlay in Rs. Lakhs	-	6.85	21.2	6.0

3.4 Details on research publications

	International	National	Others
Peer Review Journals	70	--	--
Non-Peer Review Journals	19	--	--
e-Journals	--	--	--
Conference proceedings	75	4	--

3.5 Details on Impact factor of publications:

Range 0.2 to 4.5   Average   1.2446

h-index 30   Nos. in SCOPUS 55

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

Name of the project	*Sponsoring agency*	*Amount sanctioned (in lakhs)*	*Amount released (in lakhs)*	*Duration in years From – To*
Major project (ECE)	LRDE - DRDO	9.83	2.46	2.5 years
Major projects (EEE)	AICTE	9.75	-	3 years
Major project (CSE)	DRDO	12.195	12.195	(2016-2018)
Major project (CSE)	EPICS in IEEE	5.244	5.244	(2016-2017)
Major project (S&H)	DAE (BRNS)	25.7135	24.97039	2014-2017
Major project (S&H)	DST	44.25	33.07	2015-2018
Major project (S&H)	BRNS (DAE)	25.2465	18.3745	2015-2017
Minor project (MECH)	MSME	16.25	-	1 year
Minor projects (ECE)	MSME	6.25	-	1 year
Minor projects (EEE)	UGC	4.95	-	3 years
Minor project (EIE)	MSME	5	5	(2016-17)
Minor project (CSE)	IEI	0.60	0.60	(2016-2017)
Interdisciplinary project (ECE)	Severn Glocol Group PLC, Chennai.	-	-	2 years
Industry sponsored (ECE)	CoreGEN Technologies, Madurai	-	-	1 year
Projects sponsored by the University/College (ECE)	NEC, Kovilpatti	0.129	0.12756	3 months
Projects sponsored by the University/College (ECE)	NEC, Kovilpatti	0.0761	0.05	3 months
Projects sanctioned by the University/College (CSE)	Alumni	0.05	0.05	(2016-2017)
Students Research projects (Other than compulsory by the University) (CIVIL)	NewGen IEDC	2.5	-	4 years
Students Research projects (Other than compulsory by the University) (ECE)	NEC Alumni Association	0.1	0.1	1 year

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

ii) Without ISBN No. [--]

3.8 No. of University Departments receiving funds from

UGC-SAP `--`　　CAS `--`　　DST-FIST `--`

DPE `--`　　　　　　　　　　DBT Scheme/funds `--`

3.9 For colleges　　Autonomy `--`　　CPE `--`　　DBT Star Scheme `--`

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

3.10 Revenue generated through consultancy　　1.82 lakhs

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	-	1	-	1
Sponsoring agencies	IEEE, SERB, ISRO	-	ISTE	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons　　44

3.13 No. of collaborations　　International `02`　　National `07`　　Any other `--`

3.14 No. of linkages created during this year　　06

3.15 Total budget for research for current year in lakhs:

From Funding agency　`98`　　From Management of University/College　`36.5`

Total　`134.5`

3.16 No. of patents received this year:　Eight patents have been filed in Mechanical Engineering Department under National level.

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
---	---	---	---	---	---	---

3.18 No. of faculty from the Institution who are Ph. D. Guides　`33`
　　and students registered under them　`95`

3.19 No. of Ph.D. awarded by faculty from the Institution　`22`

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

JRF | 7 | SRF | 2 | Project Fellows | --- | Any other | ---

3.21 No. of students Participated in NSS events:

University level | 02 | State level | --

National level | -- | International level | --

3.22 No. of students participated in NCC events:

University level | -- | State level | 0

National level | 01 | International level | --

3.23 No. of Awards won in NSS:

University level | -- | State level | --

National level | -- | International level | --

3.24 No. of Awards won in NCC:

University level | -- | State level | 01

National level | 01 | International level | --

3.25 No. of Extension activities organized

University forum | | College forum | 03

NCC | 13 | NSS | | Any other | --

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

Through NCC

- 150 KM Cycle Rally – "Save Water….!!! Save Agri…!!!"

- Engineer's Day Celebration

- Swatch Bharath

- Trekking Camp (Adventurous)

- Govt. Primary Health Care – Clean India

- NCC Marathon at NCC Unit, Tirunelveli

- International Yoga Day Camp

- Group Firing Competition

- Career Guidance to School Students

- Save Energy – Seminar Program

- Weapon Training

- Youth Day Celebration – E-payment awareness rally

- Road Safety awareness program.

Through Clubs

i. NCC shooting camp, American college, Madurai.

ii. CATC cum IUC-TSC camp, SVN College, Madurai.

iii. International Yoga day celebration

iv. Army attachment camp, seknderabad

v. TSC final camp, Nw Delhi.

vi. Mini marathon, palayamkottai.

Criterion – IV

4. Infrastructure and Learning Resources

Facilities		Existing	Newly created	Source of Fund	Total
Campus area in Sq. meter	Total area	---			4,93,950
	Built-up area	71979.79	2664		74643.79
Class rooms in nos.		93 (6012.63)	4 (311.65)		97 (6324.28)
Laboratories in nos.		66 (9978.4)	1 (301.34)		67 (10279.74)
Seminar Halls in nos.		5 (984.13)	1 (186.90)	Fund from Institution	6 (1171.03)
Smart class rooms in nos.		6 (659.94)	-		6 (659.94)
No. of important equipments purchased (≥ 1-0 lakh) during the current year.		188 items	21 items		209
Value of the equipment purchased during the year (Rs. in Lakhs)		96.72	7.82891		104.54891
Others		---	---		---

4.2 Computerization of administration and library

> i. Online feedback from students for effective teaching learning process.
> ii. Online receipt of applications and scrutiny for staff recruitment
> iii. Online submission of appraisal forms by faculty.
> iv. Alumni registration through online.
> v. Automation of Activities (Activity Management System) for easy access of data related to academic and non academic activities across the college.
> vi. Automation of the examination cell to ensure timely declaration of results.

4.3 Library services:

		Existing		Newly Added		Total	
		No.	Value	No.	Value	No.	Value
Books	Text Books	55,475	1,66,82,756.00	1922	8,76,327.75	57,397	1,75,59,083.75
	Reference Books	993	-	45	-	1,038	-
e-Books		875	-	110	-	875	-
Journals		166	6,43,085.00	194	6,89,598.50	194	6,89,598.50
e-Journals	IEEE Science Direct ASME	145 275	4,39,322.00 5,52,791.00	145 275 30	6,82,584.00 5,41,167.00 2,31,061.00	145 275 30	6,82,584.00 5,41,167.00 2,31,061.00
Digital Database	Question Bank	Since 2012					
		Existing		Newly Added		Total	
		No.	Value	No.	Value	No.	Value
CD & Video	NPTEL Video	4 TB	-	-	-	14 TB	-
	Spoken Tutorial CDs	6 nos.	-	-	-	6 nos.	-
	Text Book CDs	3035	-	112	-	3147	-
Others (specify)	DELNET Since 2009 (Inter Library Loan & Document Delivery Services)						
	Spoken Tutorial Project Workshops by IIT Bombay						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1369	988	177 Mbps	83	139	45	68	46
Added	175	175		--	--	--	--	--
Total	**1544**	**1163**		**83**	**139**	**45**	**68**	**46**

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

- Pre engineering program and online courses have been conducted by University of Texas Dallas, USA during 01.08.16 to 04.08.16

- Separate coaching classes for various competitive exams like GATE,GRE,TOFEL have been conducted for the students.

- Communication classes like BEC course and IELTS classes are conducted to improve the communication skills.

- Training programs like technical skills and soft skills are conducted through placement cell.

- 24 x 7 Wi-Fi facility in the college for the student and faculty members to avail internet connection at any place in the college, hostels & faculty houses.

- To inculcate the industrial exposure among the faculty members, it has been insisted to undergo industrial training under management sponsorship.

- Faculty members are trained through online courses like MOOC, NPTEL etc.,

- Dr.Arokia Rajan, Professor, IIT Madras has conducted one day workshop on "Effective Teaching on strength of materials" on 23.07.2016.

- Technology upgradation programmes like mobile android OS, wearable computing, network simulators are conducted by eminent experts.

4.6   Amount spent on maintenance in lakhs:

i) ICT	87.59 lakhs
ii) Campus Infrastructure and facilities	481.26 lakhs
iii) Equipments	43.34 lakhs
iv) Others	9.80 lakhs
Total	621.99 lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC has been actively functioning in the college since 2013 with the thrust on academic excellence. The main task of IQAC is planning and monitoring the academic activities throughout the year. The significant activities are carried out during this academic year:

i. IQAC has taken efforts to include student members in IQAC, Board of Studies and academic council.

ii. Strengthening the campus placement process to provide job opportunities for the students with value added programmes / career oriented technical training programmes to improve their technical acquaintance

iii. Student orientation programme is conducted at the beginning of every academic year and the programme disseminates information on the various student support services available in the college.

iv. The above information is also published on college website and prospectus. All enhancements are being notified to the students via the notice boards.

v. Student grievance-alleviation mechanisms like anti-ragging committee, Students Grievances redressal forum are functioning in the college to support the students.

vi. Class committee meetings are conducted regularly to address academic or other classroom issues of students.

vii. Students are encouraged by college awards like Best outgoing student for male and female students, rank holders in every year, university rank holders, best NSS volunteer, best Rotaractor, best Junior Jaycee and best Youth Red Cross.

5.2 Efforts made by the institution for tracking the progression

i. The examination system has inbuilt mechanism for monitoring the progression.

ii. Student performance is monitored through internal assessment tests

iii. Slow learners are identified and special classes are conducted for them

iv. Suggestions posted in the suggestion boxes are discussed and appropriate action is taken on them.

v. Holistic student development is also ensured through monitoring co-curricular and extra- curricular activities.

vi. Individual student counselling is assured through Faculty Advisors (FAs) who are allotted a small number of about 20 students each. The FAs counsel their wards periodically and the information is recorded in the report. The academic progress report and attendance of all students are regularly informed to their parents via SMS.

5.3 (a) Total Number of students

| 2881 |

 (b) No. of students outside the state

| -- |

  (c) No. of international students

| -- |

Men

No.	%
1572	54.56

Women

No.	%
1309	45.44

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
620	314	4	2094	-	3032	311	276	2	2291	1	2881

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

i.   Faculty members have been identified to train the students for GATE examination and they are trained through different academy like ACE Academy, Hyderabad.
ii. Faculty members have been assigned to train the students for certificate courses like CISCO networking academy, IBM center of excellence and BEC couses etc.,
iii. A separate training cell has been established through TCP cell to impart various skills.
iv. SIG(Special Interest Group) groups has been formed among students based on their domain interest and students are motivated to interact with them
v.   Alumni members are interacting with students and providing technical upgradation through video conferencing.
vi. The students are given coaching for IAS/ IPS Examination through NEC IAS ACADEMY.
vii. Mock test was conducted by TIME coaching institution for the final year students.

No. of students beneficiaries

| 1213 |

5.5 No. of students qualified in these examinations

NET | -- | SET/SLET | -- | GATE | 6 | CAT/MAT | 4 |

IAS/IPS etc | -- | State PSC | -- | UPSC | - | Others | 6 |

5.6 Details of student counselling and career guidance

i. A mentor is allocated for a batch of 20 students in each programme to monitor and counsel the students' progress in academic as well as extra-curricular activities
ii. Training Counselling and Placement cell (TCP-CELL) of college churns out industry ready Trained Manpower by imparting required skill Training to the students and assisting the students in getting placement while they are in campus as well as off campus.
iii. Entrepreneurship development cell is functioning since 22.1.15 with the aim of transforming entrepreneurship aspiring students as employment creators immediately after their graduation.
iv. Business Incubator Cell creates a conducive environment and to provide necessary support and services to our students to start their own business after their graduation.
v. Technical orientation programme for I year students in July,2016
vi. Organising National level Seminars and Conferences for students to do the Research and projects in the fields: Natural Language Processing, Image Processing, Networking, Data Mining, Network Security and Cloud Computing etc.
vii. Organising yoga programmes to improve the self confidence of students

No. of students benefited | 1678 |

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
38 Nos.	554 Nos.	262 Nos.	41 Nos.

5.8 Details of gender sensitization programmes

i. Women's day is celebrated on 11.03.2017 through women empowerment cell.
ii. Gender based awareness and counselling is given to girls by Professional Counsellor.

5.9 Students Activities

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

State/ University level | 1 | National level | - | International level | - |

No. of students participated in cultural events

State/ University level | - | National level | - | International level | - |

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

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

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

5.10 **Scholarships and Financial Support**

	Number of students	Amount (Rs)
Financial support from institution	3	1,35,000
Financial support from government	847	1,47,03,675
Financial support from other sources	40	3,52,000
Number of students who received International/ National recognitions	---	---

5.11   Student organised / initiatives

Fairs   : State/ University level | --- | National level | 8 | International level | --- |

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

5.12   No. of social initiatives undertaken by the students | 17 |

5.13   Major grievances of students (if any) redressed:

- Students Grievances redressal forum was established to address the students issues then and there.
- No major complaints have been received so far.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision: Transforming lives through quality education and research with human values.
Mission:
- To maintain excellent infrastructure and highly qualified and dedicated faculty.
- To provide a conducive learning environment with an ambience of humanity, wisdom, creativity and team spirit.
- To promote the values of ethical behaviour and commitment to the society.
- To partner with academic, industrial and government entities to attain

6.2 Does the Institution has a Management Information System

Yes in progress

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

6.3.1 Curriculum Development

- Three one credit courses earned across the departments can be replaced by one three credit elective course and Provision to transfer credits earned through online courses
- A student can earn maximum of 2 one credit courses per semester
- From the third to eighth semester, the student has the option of registering for additional courses or dropping existing courses. Total number of credits of such courses cannot exceed 6. However, the student shall register for a minimum of 16 credits and a maximum of 30 credits in a semester.
- The End Semester Examination may be conducted for one credit courses as and when the courses are completed, if necessary. The examination results may be declared along with the end semester results.
- For awarding internal marks in research papers/patent reviews course, the student is to be advised to present 2 seminars on two different topics on research papers/patent reviews.
- The blooms taxonomy level is indicated in the syllabus itself along with the question paper pattern.

6.3.2 Teaching and Learning

- CDIO Initiative "Conceive Design Implement Operate" an educational framework has been adopted for curricular planning and outcome-based assessment.
- Product development laboratories are introduced in every department.
- Live demos and animations are included in teaching process.
- Google class room teaching is adapted.
- Online courses like NPTEL, Coursera etc., are helpful for enhancing Teaching and

6.3.3 Examination and Evaluation

> i.   Evaluation of marks encompasses Internal marks through continuous assessment and external marks scored in End Semester Examination.
> ii. Automation of the examination cell to ensure timely declaration of results to keep the academic calendar on schedule.
> iii. Dummy number system has been followed in Semester exam valuation to keep the honesty in valuation.

6.3.4 Research and Development

> i.   Every program has separate research centre approved by Anna University
> ii. Incentives for research publications and research projects are provided
> iii. To promote R & D activities, progress review is conducted for faculty members having Ph.D degree and research scholars.

6.3.5 Library, ICT and physical infrastructure / instrumentation

> i.   Every year Central library is added with
>   a. 1922 books are newly added that worth Rs. 8,76,327/-Lakhs.
>   b. 194 Journals subscriptions that worth Rs. 6,89,598/-
>   c. E-Journals to the worth of Rs. 14,54,812/-
> ii. Every department has individual smart class room that worth Rs. 2 Lakhs
> iii. Books exhibition is arranged every year thro' vendors at campus to identify the quality books
> iv. Central library and department libraries are equipped with Air-conditioner
> v.   Every department has individual air-conditioned seminar hall with LCD projector, smart TV and computer system with internet connection

6.3.6 Human Resource Management

> i.   Recruitment of faculty and staff are based on the guidelines provided by Anna University and AICTE, New Delhi.
> ii. There are many staff welfare schemes namely EPF, Group insurance and Accidental policy
> iii. Sponsorship of Higher Studies for Faculties
> iv. Organizing Developmental training programme and workshops/seminars for enhancing the multi-skills of faculties.
> v.   Effective appraisal system has been followed to assess the performance of faculties.
> vi. Faculty members are promoted to higher positions based on their experience, skills and achievements.

6.3.7   Faculty and Staff recruitment

i.	Advertising the requirement of staffs in the Leading daily newspapers.
ii.	Scrutinizing of online Applications as per the college norms.
iii.	Conducting Interview in the presence of External Experts and University Nominees.
iv.	Selection of Candidates as per the norms of staff selection committee.

6.3.8   Industry Interaction / Collaboration

COLLABORATION WITH NATIONAL/INTERNATIONAL INSTITUTES / INDUSTRIES

The Institute has collaboration with the following institutes of repute at both national and International level,

- University of Texas, Dallas, USA – MOU has been signed with UT Dallas, USA
- CM Enviro systems, Bangalore.

6.3.9   Admission of Students

The students are admitted according to the Anna University/ TamilNadu Government/ AICTE Norms.

6.4 Welfare schemes for

Teaching & Non teaching	- Transport facilities - Staff Quarters - Medical and Maternity Leave - EPF - Mediclaim policy
Students	- Scholarships like SC/ST, first graduate etc., - Medical Insurance Policy for students and parents. - Prof.S.Kannappan Memorial Scholarship for academically excellent and poor student. - Alumni scholarship for poor student - Alumni award for best project

6.5 Total corpus fund generated   Nil

6.6 Whether annual financial audit has been done   Yes ✓   No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	Academic Auditing Committee headed by Professor
Administrative	No	---	No	---

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

For UG Programmes   Yes ✓   No ☐

For PG Programmes   Yes   No

✓   ☐

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

> **Transparency in Evaluation**
> Before the publication of End Semester results, the students are allowed to verify the answer scripts of certain subjects which are randomly selected by the Performance Analysis Committee. Consequently, the application for revaluation of the answer scripts for those subjects is not permitted.

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

> Not Applicable

6.11 Activities and support from the Alumni Association

> - Alumni meet is conducted in every year in the first week of May.
> - Alumni 25th year reunion meeting is organized for 1991' batch students in this year.
> - Best project awards and financial support are provided by alumini for innovative student projects.
> - Notable Alumni Award has been constituted by the Management to honour them and award was given to the notable alumni on 30.04.17 in the alumni meet.
> - Alumni members share their knowledge with students and providing technical up-gradation through video conferencing in alumni chamber.

6.12 Activities and support from the Parent – Teacher Association

> PTA meeting is conducted twice in a year. Suggestions are received from the parents for the improvement of the institution. Also the difficulties faced by the students are identified and they are rectified before the next PTA meeting.

6.13 Development programmes for support staff

> Separate HR training programme is organized for supporting staff members by HR Manager.

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

> - Volunteering in "Job Mela" jointly organized with Thoothukudi District administration
>
>   Date   : 17/12/2016
>   No. of volunteers : 60
>   Purpose   : To maintain the sanitation and hygienic in the
>   campus
> - Trees Survey Initiative
> - Students involved – counting the trees – types of trees – general and medicinal values – identifying the trees – preparation of poster about trees in campus.
> - Sewage Treatment Plant is functioning in the campus
> - Solar street lights have been installed and solar water heaters are used in hostels

Criterion – VII

7. <u>Innovations and Best Practices</u>

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

1. Relative grading system.
2. Blended Learning environment.
3. Outcome based assessments.
4. Students mentoring system.
5. Alumni- Institute interaction.
6. Inter disciplinary activities.
7. Faculty recruitment process.
8. Product development

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

Task	Action	Status
It is proposed to get NAAC Accreditation for college with higher grade	Proposal Submitted to NAAC	NAAC committee visited the Institution for reassessment and grade was improved from B to B++
Proposed to start Business Incubation centre in our campus	Business Incubator centre was successfully established and Eight proposals were submitted to MSME.	Five ideas have been funded by MSME.
It is proposed to go for National Board of Accreditation for each programme based on Tier -1	Proposal submitted for pre-qualifier	Period of provisional Accreditation of CSE, Mechanical and EEE programs is extended from 2 to 3 years as these program meet the essential pre-qualifiers
Publication in Journals are to be improved	a) Advising faculties to register for Ph.D b) Incentives for publications c) Providing financial support and special leaves for attending	6 faculty members awarded Ph.D. degree No. of articles published: National Journals – 62 International Journals – 70 Incentives for publications - Rs. 1,58,784/-

	workshops/Conferences and Training programmes	
To continue to arrange community development programmes through NCC, NSS, Junior Jaycee Club, Youth Red Cross and Rotaract Club	Various relevant events have been conducted and valuable programs have been organized.	For details refer Annexure II

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

- Implementation of Outcome Based Education and Choice Based Credit System for International recognition of students and job opportunities

- Implementation of Relative Grading System in End Semester examinations.

7.4 Contribution to environmental awareness / protection

Programme on water conservation – 10 Teams (02 or 03 members) have been constituted and they are monitoring the water consumption at various water utility points. The necessary actions have been taken on the issues related to water conservation.

Awareness program on "Creating Better India"

Date   **:** 10/01/2017

Guest   : **Mr. Ravikiran,** a software engineer turned social activist – a cyclist who rides from Kanyakumari to Kashmir visited our campus and spread awareness about the need of GREEN INDIA. Students interacted with him. The following activities are conducted.

Street Play on the topic "**What is happy?"**

Short film screening based on the topic **"Human Dignity"**

On Street Debate on the topic **"Face the lose"**

Street Performance - Dance on the topic **"Ithu namma bhoomi"**

"Debate" on the topic **"Digital India. Where we go?"**

"As You Like It" on the topic **"Environmental themes"**

"Mime" on the topic **"Water conservation"**

"Movie review" on the topic **"Societal themes"**

7.5 Whether environmental audit was conducted?   Yes ✓   No ☐

7.6 Any other relevant information the institution wishes to add.

STRENGTH
  i.   All the eligible programmes are accredited by NBA under Tier I
  ii.   NAAC accredited Institution
  iii. Academic Flexibility with the advent of autonomy
  iv.   Attractive number of research projects
  v.   Qualified, committed and experienced faculty
  vi.   Outcome Based Education with CBCS is introduced
  vii. Provision of Good Placement services
  viii. Word of mouth publicity through successful Alumni
  ix.   More number of student centric activities through various academic clubs and cultural fests
  x.   Established various fields for sports and games
  xi.   The institution has a good reputation in the community
  xii. National level Open Hockey Tournament is arranged every year

WEAKNESS
  i.   Funds constraints being a Self financed institution
  ii.   Limited Consultancy
  iii. Limited International linkages and student/staff exchange programmes
  iv.   Collaboration with premier research institutions is in formative stage

---

Criterion – VIII

8. Plans of Institution for the next year:

S. No.	Parameters	Action plan
1.	Students' performance	1. More than 75 % of the students should be placed with medium salary of 4 lakhs per annum 2. More than 20 % of the students should get eligible scores in competitive examinations like GATE, Tofel, CAT, MAT, etc., 3. More than 3 % of the students should be motivated / trained to become an entrepreneur. 4. The average CGPA scored by the passed out students should be more than 7.5.
2.	Research & Development	1. Each department should have ongoing R&D projects worth > 15 lakh. 2. Each department should have ongoing industrial consultancy work worth Rs. 3 lakh. 3. Faculties should be motivated to publish the research articles in high impact factor journals. 4. All the faculty members should be encouraged to participate / present articles in international conferences / workshops / FDPs organized by other leading institutions. 5. Each department should organize Conference / workshops / FDP in every academic year.

3.	Institute – Industry interaction	1. Every department should sign MoU with minimum 2 companies per year.
		2. More number of students should be encouraged to undergo in-plant training / internship program / industrial projects.
		3. Every department has to develop at least one product every year.
		4. Every year, it is proposed to initiate a start up through our alumni and faculty.

Name: ____ Dr.K.Manisekar

_____

Signature of the coordinator, IQAC

Name: ____ Dr.S.Shanmugavel

_____

Signature of the chairperson, IQAC

<u>Annexure</u>

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

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Annexure I

ACADEMIC CALENDER 2016-17

Month	*Date*	*Academic Activities*
June 2016	01	Entrepreneurship Awareness Talk on How to become a successful Entrepreneur organized by IEEE-Information Theory Society Madras Chapter
	23	Basic of MATLAB classes organized by Dept. of EEE
	24	Technical Talk on System Design Technologies **organized by IEEE-Information Theory Society Madras Chapter**
	27	3 day Aptitude: Industry – Gateway classes for 2nd year students organized by Dept. of CSE
	28	Motivational Talk on Attitude Training **organized by IEEE-Information Theory Society Madras Chapter**
	29	Inaugural function of National Level Project Exhibition for school students, PROEXPO'16 **organized by IEEE-Information Theory Society Madras Chapter** Introduction to the ISTE club by Mirudhula M final year ECE student with the help of power point organized by ISTE Students Chapter
	30	Valedictory function of Aptitude: Industry – Gateway classes for 2nd year students organized by Dept. of CSE Adobe Artista organized by **IEEE Computer Society Student Branch** Valedictory function of National Level Project Exhibition for school students, PROEXPO'16 **organized by IEEE-Information Theory Society Madras**
July 2016	01	Inaugural function organized by Dept. of ECE
	02	**SIG:** Introduction about HVE, Pollution and Flashover studies on solid dielectrics arranged by Dept. of EEE **SIG:** Power Quality issues and its mitigation techniques arranged by Dept. of EEE **SIG:** Introduction to Microprocessor and Microcontroller and Arduino arranged by Dept. of EEE
	06	Entrepreneur related Inaugural function organized by Dept. of EEE
	08	Orientation programme for 2nd year mechanical engineering students organized by SAE Club
	11	Volunteers – To Guide the first Year Students admission for the academic year 2016-2017 organized by Rotaract Club
	12	**Inaugural function of IE (I)-EIE Students' chapter** and installation of New Office bearers of 2016-17 organized by IE(I) EIE Students' Chapter Conducted written quiz for 2nd year & 3rd year UG students organized by Quiz Club
	13	Positive Attitude and self Motivation organized by Dept. of EEE A presentation was conducted by by S.Zainy Mohammed Yosuf final year EEE student on the topic of **"Android"** organized by ISTE Students Chapter Inaugural function of 3 day Entrepreneurship Awareness Camp – ED Cell
	15	Inaugural function organized by Dept. of EEE Valedictory function of Entrepreneurship Awareness Camp – ED Cell

Month	*Date*	*Academic Activities*
	16	**SIG:** Twin Rotor MIMO Systems arranged by Dept. of EEE **SIG:** Introduction about Power electronic Devices arranged by Dept. of EEE
	18	One week reasoning classes for 2nd year students organized by Dept. of CSE
	19	Inaugural function organized by ISTE Students Chapter Orientation Program for Technical test series conducted by Final year student organized by IE (I) Dept. of Mechanical Engg.
	20	Aptitude class on "**C program**" conducted by Mirudhula M final year ECE student organized by ISTE Students Chapter
	21	Social Awareness Camp on Higher Secondary School Students – Uthupatti, Kovilpatti organized by Dept. of EEE Technical Talk on Embedded Engineers for Industries **organized by IEEE-Information Theory Society Madras Chapter**
	23	Submission of Enrollment form (new members) to IE(I), Kolkatta arranged by IE (I)
	24	"Vibrant Rotary" programme at Sowbagkyaa Mahal, Rotary, Kovilpatti organized by Rotaract Club
	25	Valedictory function of one week reasoning classes for 2nd year students organized by Dept. of CSE
	27	Installation program for new office bearers for the academic year 2016-2017 organized by Rotaract Club
	28	Technobuzz organized by **IEEE Computer Society Student Branch Chapter**
	30	**SIG:** Various parameters affecting the performance of mineral oil arranged by Dept. of EEE **SIG:** Power System Optimization arranged by Dept. of EEE **SIG:** Hands on training on Proteus Software arranged by Dept. of EEE Seminar on **"Networks Security Threads and Solutions"** organized by ISTE Students Chapter
August 2016	01	Inaugural function of IE(I)-Civil Students' chapter organized by Dept. of Civil Blood donation Camp organized by YRC
	02	Motivational talk on **How to prepare for placement** for final year students organized by Dept. of ECE
	03	Technical talk on guidance for technical Presentation for 3rd year students organized by Dept. of CSE Discussion on **"How to solve electronic circuits questions"** organized by ISTE Students Chapter
	04	**Inaugural function of IE(I)-EEE Students' chapter** was organized by Dept. of EEE Minute to win it programme conducted for 2nd year and third year students and winners are encouraged organized by IE(I) Dept. of Mechanical Engg. MOPIE'16 Motivation program for second year IT students organized by IE (I) students chapter "Seminar on latest trends in IT Fields" for second year IT students delivered by final year IT student organized by IE(I) students chapter
	06	One month course Implementation of Control Engineering using LABVIEW arranged by Dept. of EEE

Month	*Date*	*Academic Activities*
	09	Inaugural function of 3 day Entrepreneurship Awareness Camp – ED Cell
	10	Solving "**Aptitude Questions"** by Shyam and Kaliraj third year EIE students organized by ISTE Students Chapter
	11	Inaugural function of Public Health awareness and Education Program arranged by Red Ribbon Club Valedictory function of Entrepreneurship Awareness Camp – ED Cell
	12	Inaugural function organized by SAE club Dept. of Mechanical Engg.
	16	Technical Talk by final year students – Role of IE(I) in Engineering sector organized by Dept. of Civil
	17	A presentation was conducted by Mr. VenkateshKarthik Final year EIE students on **"Technical Talk"** for the second & third year students organized by ISTE Students Chapter
	18	MobiApp organized by **IEEE Computer Society Student Branch Chapter**
	19	MobiApp organized by **IEEE Computer Society Student Branch Chapter** Techno Talk programme conducted to 2nd year and 3rd year students presented from final year students (Phase - 1) organized by IE(I) Dept. of Mechanical Engg. International white cane day contribution 2016 organized by YRC
	20	Basic of MATLAB classes organized by Dept. of EEE Hands on training on **"Basics of Adobe after effects and Photoshop Software"** by Final year EIE Venkatesh Karthick organized by ISTE Students Chapter
	22	**Motivational talk** on IE(I) Staff advisor Ms.J.Janet Paulin (AP/EIE) for the newly elected IE members (2nd year students) to share their technical knowledge through this chapter organized by Dept. of EIE Inaugural function of Intra College event on TIER-I AUTOTECH organized by SAE club Dept. of Mechanical Engg.
	23	**Inaugural function of Technical Test Series** were conducted for 3rd year students organized by IE(I) Dept. of EEE
	24	A presentation was conducted regarding "**Placement Experience**" shared by Gomathi and Muthumeena final year ECE students organized by ISTE Students Chapter
	26	Hierocylph creator organized by **IEEE Computer Society Student Branch Chapter** Technical Event on Idea Presentation, Numerical and C Aptitude **organized by IEEE-Information Theory Society Madras Chapter** Personality Development Programme organized by Rotaract Club Valedictory function of Intra College event on TIER-I AUTOTECH organized by SAE club Dept. of Mechanical Engg.
	30	Training for How to prepare a Curriculum vitae for 2nd year students organized by Dept. of CSE Paper Presentation for 3rd year students organized by IE(I) Dept. of EEE Social Awareness Camp on Higher Secondary School Students – Uthupatti, Kovilpatti organized by Dept. of EEE Technical talk on An Industrial perspective towards data management

Month	*Date*	*Academic Activities*
		organized by IEEE-Information Theory Society Madras Chapter
	31	Solving "**C Aptitude"** questions by Gayathri third year CSE students organized by ISTE Students Chapter **Paper presentation for** 2nd year and 3rd year students organized by IE (I) students chapter Dept. of ECE
September 2016	01	Debate Video-Quiz's on Spot Speech Dumb smash programme for school students organized by Rotaract Club
	02	**Inaugural function for IE (I) MECH Students' chapter** Office bearers of 2015-16 was installed by IE(I)-Students' Chapter One day **Seminar** on the topic of "E-Waste management" for 2nd year IT students organized by IE(I) students chapter
	03	**SIG:** Introduction about GA and PID Controller Tuning arranged by Dept. of EEE **SIG:** Simulation of Power Converters using MATLAB arranged by Dept. of EEE
	05	Distribution for Greeting Card - Teacher Day Celebration organized by Rotaract Club
	06	Skill development training programme organized by Dept. of EEE CODE CRACKING event was conducted to 3rd year students organized by Dept. of Civil
	07	Intra College Technical Symposium on Electronica2k16 organized by Dept. of ECE General Knowledge Competition for all UG students organized by Quiz club Dept. of S & H
	13	Paper presentation on observation of swachhta Pakhwada for 2nd year and 3rd year students organized by Dept. of CSE
	16	Inaugural function for **IEEE Computer Society Student Branch Chapter**
	17	**SIG:** Basic Introduction about Fuzzy logic control arranged by Dept. of EEE **SIG:** Nanofluids – Introduction and Research Scopes arranged by Dept. of EEE **SIG:** Recent trends in Energy Conservation arranged by Dept. of EEE Technological training programme on Star Office and C from K.R.Saratha Govt. Hr.Sec School, Nalattiputhur school students **organized by IEEE-Information Theory Society**
	19	Technical Test series organized by IE (I) Valedictory function of one month course Implementation of Control Engineering using LABVIEW arranged by Dept. of EEE Rally for "Voters Awareness Programme" organized by Rotaract Club **"How to prepare a Paper presentation"** competition for 1st year UG students organized by Science club Dept. of S&H
	20	Seminar on How to present PPT organized by IE (I) Dept. of EEE Technical Quiz conducted by all students at various levels organized by Dept. of Civil
	21	Hands on Training for SCADA organized by Dept. of EEE Technical Quiz conducted by all students at various levels organized by Dept. of Civil

Month	Date	Academic Activities
		Inaugural function of Tech Week'16 organized by IEEE Computer Society Student Branch Chapter
	22	Training programme on Animation for beginners using Adobe Tools for 2nd year students organized by Dept. of CSE Blood Donation Camp arranged by Red Ribbon Club
	23	Valedictory function of Tech Week'16 organized by IEEE Computer Society Student Branch Chapter
	26	**Technical contest programme on "Video quiz and words cluster"** for final year EIE students organized by IE (I) EIE students chapter
	27	Seminar on District Rotaract Assembly-ROTAMAS organized by Rotaract Club
	28	Two day state level technical seminar on "Brain Computer Interface (EEG & GAZE)" organized by ISTE Students Chapter
	29	Social Awareness Camp on Nalattinputhur organized by Dept. of EEE **Techno Connexure** Preliminary round for 2nd year and 3rd year students organized by IE (I) students chapter Dept. of ECE
	30	Technical event programme on "**BLIND CODING**" for 2nd year IT students organized by IE(I) Students chapter
October 2016	01	Received Best motivator Award from Meenakshi Mission Hospital & Research Centre, Madurai organized by YRC
	04	Group Discussion to final and third year students organized by Dept. of Civil
	05	Technical Talk organized by IEEE Computer Society Student Branch Chapter **Technical discussion** about process industries for 2nd year and 3rd year students organized by IE (I) EIE students chapter
	06	Technical Event on C Programming for 2nd year students organized by **IEEE-Information Theory Society**
	07	**Valedictory function of Technical Test Series** were conducted for 3rd year students organized by IE(I) Dept. of EEE
	14	**"Paper presentation"** competition for 1st year UG students organized by Science club Dept. of S&H
	18	Training programme on Front End Web Designing for 2nd year students organized by Dept. of CSE
	20	**QUIZ COMPETETION** for 2nd and 3rd year students organized by IE(I) Dept. of IT
November 2016	08	National foundation for communal harmony – Contribution organized by YRC
	17	**Instrumentation Engineers Profile** program was conducted by the final year students organized by IE(I) EIE students chapter
	21	**Instrumentation Engineers Profile** program was conducted by the final year students organized by IE(I) EIE students chapter
	22	Technical puzzle contest organized by Dept. of Civil
	23	Training programme on Visualize the effects for 2nd year students organized by Dept. of CSE
	24	**"Project presentation"** competition for 1st year UG students organized by Science club Dept. of S&H
	28	Technical Awareness programme on K.R.Saratha Govt. Hr. Sec School, Nalattinputhur organized by IEEE Computer Society Student Branch Chapter

Month	*Date*	*Academic Activities*
		Clip Your social Issues organized by IEEE Computer Society Student Branch Chapter
		Awareness programme for school students organized by **IEEE-Information Theory Society**
		Technical Seminar on Android –N and Viruses for UG students organized by **IEEE-Information Theory Society**
	30	Discussion of "Evolution of communication (2G,3G & 4G)" by S.Zainy Mohammed Yosuf final year EEE students organized by ISTE Students Chapter
		"Puzzles" competition to improve the analytical Skills for 1st year UG students organized by Maths club Dept. of S & H
		Conducted Online Quiz Competition for 1st year UG students organized by Quiz club Dept. of S & H
December 2016	03	Basic of MATLAB classes organized by Dept. of EEE
		SIG: Evolution of control algorithm used in STATCOM arranged by Dept. of EEE
		SIG: Comparison of various vegetable oils and testing arranged by Dept. of EEE
		PSCAD/EMTDC simulation course on Power Electronics Applications to Power Systems arranged by Dept. of EEE
	05	Inaugural function of 2 weeks FDP on "Entrepreneurship" – ED Cell
	05	**"Paper Presentation"** competition for 1st year UG students, organized by Maths club Dept. of S & H
	09	**Paper Presentation** for 2nd year EIE students organized by IE(I) students chapter
	12	**Paper Presentation** for 2nd year EIE students organized by IE(I) students chapter
	14	ISTE Students Chapter arranged by Placement experience - Mirudhula final year ECE students
		Volunteers were sent to the needly people to Aarthi blood bank, Tirunelveli organized by YRC
	17	Motivational talk on Entrepreneur organized by Dept. of EEE
		PSCAD/EMTDC simulation course on Power Electronics Applications to Power Systems arranged by Dept. of EEE
		Valedictory function of 2 weeks FDP on "Entrepreneurship" – ED Cell
	22	Technical event of Animation Techniques: A thought-Provoking hands on Session for the creative young buddies for 2nd year students organized by Dept. of CSE
		Techno Talk programme conducted to 2nd and 3rd year students by presented from final year students (Phase – 2) organized by IE (I) Dept. of Mechanical Engg.
	29	Spark Tech'16 organized by IEEE Computer Society Student Branch Chapter
		Technical Quiz Preliminary round organized by IE (I) students chapter Dept. of ECE
	30	Social Awareness Camp on Duraisamypuram organized by Dept. of EEE
	31	Guest Lecture on Insights into the Principles and Applications of Electrical

Month	*Date*	*Academic Activities*
		Machines
January 2017	02	Guest Lecture on **IC Testing** for 3rd year students organized by Dept. of ECE Inaugural function of two day Regional conference on computing and computational intelligence CONSCI'17 organized by ISTE Students Chapter
	03	Valedictory function of two day Regional conference on computing and computational intelligence CONSCI'17 organized by ISTE Students Chapter
	04	Simulation Studies on Electric field and potential distribution organized by Dept. of EEE One day mega events was conducted for the students of mechanical engineering department organized by IE (I) students chapter
	05	Technical Event of Treasure Hunt for 2nd year and 3rd year students organized by Dept. of CSE Inaugural function of Technical Sponsor for International Conference on Wireless Smart System Technologies (WiSST 2017) organized by **IEEE-Information Theory Society** **Paper Presentation** for 2nd year students Organized by IE(I) Dept. of EEE
	07	Motivational talk on **Innovative Projects** for 2nd year and 3rd year students organized by Dept. of ECE Valedictory function of Technical Sponsor for International Conference on Wireless Smart System Technologies (WiSST 2017) organized by **IEEE-Information Theory Society**
	09	Motivational Talk on Placement Awareness Programme for 2nd year UG students organized by **IEEE-Information Theory Society** Inaugural function of RotoWeeK'17events Organized: Eagle Eye Personality Identification Mono Act Mock CID Voco-Prank organized by Rotaract club Human Chain for "Road Safety Awareness Programme" organized by Rotaract club
	10	Motivational Talk on **Goal Setting** for 2nd year students organized by Dept. of ECE Guest Lecture on Refrigeration and Air Conditioning system organized by Dept. of Civil **Code Race** Preliminary round organized by IE (I) CSE students chapter
	11	Training programme on Front End Web development for 2nd year and 3rd year students organized by Dept. of CSE Guest Lecture on Refrigeration and Air Conditioning system organized by Dept. of Civil
	12	Guest Lecture on **Advanced VLSI Technology** for 3rd year students organized by Dept. of ECE Guest Lecture on Refrigeration and Air Conditioning system organized by Dept. of Civil One day workshop on Business Intelligence and its Tools organized by IEEE Computer Society Student Branch Chapter Celebration of **"National Youth Day"** organized by ISTE Students Chapter **Technical Talk** about the process control components (PLC, DCS, SCADA) in Instrumentation Industries for the II & III year students Valedictory function of RotoWeeK'17events Organized: Eagle Eye Personality

Month	*Date*	*Academic Activities*
		Identification Mono Act Mock CID Voco-Prank organized by Rotaract club
	19	Technical Quiz conducted by all students at various levels organized by Dept. of Civil
		Technical **programme on "C Debugging contest"** was conducted by **2nd** year students Organized by IE(I) Dept. of IT
	20	Technical Quiz conducted by all students at various levels organized by Dept. of Civil
	28	Intra event on AUTOTECH TIER II COMPETITIONS Students participated in K.Ramakrishnan college of technology, Trichy
	30	Social Awareness Camp on St. Joesph Higher Secondary School, Kovilpatti organized by Dept. of EEE
February 2017	02	**CAREER GUIDANCE PROGRAM** for 3rd year and final year ECE students organized by IE(I) ECE students chapter
	04	**Career guidance programme** for 1st year students organized by Dept. of ECE
		Training Programme for Industries for 3rd year students organized by Dept. of ECE
		Simulation Studies on Electric field and potential distribution organized by Dept. of EEE
		SIG: High voltage testing Techniques arranged by Dept. of EEE
		SIG: Industrial Automation using PLC arranged by Dept. of EEE
		AUTOMANIAC'17 Industrial visit to Classic Automobiles, Tirunelveli organized by SAE club Dept. of Mechanical Engg.
	09	Blood donation Camp organized by YRC
	10	National Level Intra college workshop on Research Challenges and issues in Cloud Computing - Resource Expert from IISc Bangalore organized by Dept. of CSE
	15	**Project Expo** organized by Dept. of ECE
	16	Identifying Blood Group, Checking Hemoglobin and Blood Donors awareness Programme arranged by Red Ribbon Club
		"e-art" competition in the eve of **CHENMAPH'17** for 1st year UG students organized by Science club Dept. of S&H
	20	**"Pencil Drawing"** competition for 1st year UG students organized by Science club Dept. of S&H
	21	**"Sudoku"** competition for 1st year UG students, organized by Maths club
	23	Inaugural function of technical event Inter college Symposium on COMPNEC'17 organized by Dept. of CSE
	24	Valedictory function of technical event Inter college Symposium on COMPNEC'17 organized by Dept. of CSE
	25	Intra event on AUTOTECH TIER III Competitions (Students participated in Kongu Engineering College, Perundurai, Erode
	26	Intra event on AUTOTECH TIER III Competitions (Students participated in Kongu Engineering College, Perundurai, Erode
	28	Inaugural function of Inter College Technical Symposium **NECTAR-2K17** organized by Dept. of ECE

Month	*Date*	*Academic Activities*
March 2017	01	Valedictory function of Inter College Technical Symposium **NECTAR-2K17** organized by Dept. of ECE
	03	Inaugural function of inter college symposium on ARCUEZ -17 organized by SAE Dept. of Mechanical Engineering
	04	Valedictory function of inter college symposium on ARCUEZ -17 organized by SAE Dept. of Mechanical Engineering 7th Board of Studies meeting (1st phase) – IT department
		Technical Quiz of Hero in the strife for 2nd year and 3rd year students organized by Dept. of CSE
	07	33rd Sports day Celebration
	11	7th Board of Studies meeting – ECE department College day celebration
		Coding techniques of CoDuos for 2nd year and 3rd year students organized by Dept. of CSE
		Webinar on "Cloud Computing" organized by IEEE Computer Society Student Branch Chapter
	18	7th BOS meeting – EIE, Civil department
	24	Go Green Campaign – Seminar on Green Technologies organized by IEEE Computer Society Student Branch Chapter
	25	7th BOS meeting – EEE department
	27	**"Mathematical Rangoli"** competition for 1st year UG students, organized by Maths club
April 2017	01	7th BOS meeting – Mechanical, CSE department
		Valedictory function by IEEE Computer Society Student Branch Chapter
	08	7th BOS meeting (2 phase) – IT department
	17	**Inaugural function of "Mathematical Connection"** competition for 1st year UG students, organized by Maths club
	21	**Valedictory function of "Mathematical Connection"** competition for 1st year UG students, organized by Maths club
May 2017	05	Inaugural function of 9th Lakshmi ammal Memorial All India Hockey Tournament
	14	Valedictory function of 9th Lakshmi ammal Memorial All India Hockey Tournament
	20	7th Academic Council Meeting
	23	Governing Council Meeting
June 2017	01	Inaugural function of 7 day FDP on "Theory of Computation" organized by CSE

NATIONAL ENGINEERING COLLEGE, K.R.Nagar, Kovilpatti – 628 503.

(An Autonomous Institution - Affiliated to Anna University, Chennai)

OFFICE OF THE CONTROLLER OF EXAMINATIONS

Phone: 04632 – 222515   Email: coe@nec.edu.in   Web: www.nec.edu.in

Ref. NEC/COE/2016-2017/ Academic Schedule   Date: 06.06.2016

2016-2017 Academic Calendar - B.E., / B.Tech., / M.E., / MCA

(Odd Semester)

Date	Day	Details
16.06.2016	Thursday	Classes Begin for 3rd, 5th and 7th Semester UG and 3rd and 5th Semester PG Students
01.07.2016	Friday	Last date for sending minutes of First class committee meeting of UG and PG courses to COE office
04.07.2016	Monday	Unit – I Test Commences
26.07.2016	Tuesday	Unit – II Test Commences
10.08.2016	Wednesday	**Last date for remittance of Semester Exam Fees**
17.08.2016	Wednesday	Unit – III Test Commences
08.09.2016	Thursday	Unit – IV Test Commences
30.09.2016	Friday	Unit – V Test Commences
13.10.2016	Thursday	**End Semester Practical Examination Commences**
21.10.2016	Friday	Last Working day for 3rd, 5th and 7th Semester UG and 3rd and 5th Semester PG Students
22.10.2016	Saturday	Last date for sending the attendance report to COE Office
24.10.2016	Monday	**End Semester Theory Examination Commences**
26.10.2016	Wednesday	Last date for sending Internal Marks to COE Office

CONTROLLER OF EXAMINATIONS   **PRINCIPAL**

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Ref. NEC/COE/2016-2017/ Academic Schedule   Date: 29.11.2016

2016 – 2017 - B.E., / B.Tech., / M.E., / MCA - Even Semester
REVISED ACADEMIC CALENDER

Date	Day	Details
17.11.2016	Thursday	Classes Begin for 4th, 6th and 8th Semester UG and 4th and 6th Semester PG Students
01.12.2016	Thursday	Last date for sending minutes of First class committee meeting of UG and PG courses to COE office
21.12.2016	Wednesday	Internal Assessment Test – I Commences
25.01.2017	Wednesday	Internal Assessment Test – II Commences
08.02.2017	Wednesday	Last date for remittance of Semester Exam Fees
01.03.2017	Wednesday	Internal Assessment Test – III Commences
15.03.2017	Wednesday	End Semester Practical Examination Commences
22.03.2017	Wednesday	Last Working day for 4th, 6th and 8th Semester UG and 4th and 6th Semester PG Students
23.03.2017	Thursday	Last date for sending the attendance report to COE Office
24.03.2017	Friday	Last date for sending Internal Marks to COE Office
27.03.2017	Monday	End Semester Theory Examination Commences
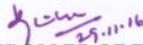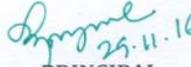
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Ref. NEC/COE/2016-2017/ Academic Schedule   Date: 09.09.2016

2016-2017 Academic Calendar - M.E., - First Year
(Even Semester)

Date	Day	Details
18.01.2017	Wednesday	**Classes Begin for Second semester**
03.02.2017	Friday	Last date for sending minutes of First class committee meeting to COE office
24.02.2017	Friday	Internal Assessment Test I commences
08.03.2017	Wednesday	**Last date for remittance of Semester Exam Fees**
03.04.2017	Monday	Internal Assessment Test II commences
08.05.2017	Monday	Internal Assessment Test III commences
15.05.2017	Monday	**End Semester Practical Examination Commences**
23.05.2017	Tuesday	**Last Working day**
25.05.2017	Thursday	Last date for sending the attendance report to COE Office
26.05.2017	Friday	Last date for sending Internal Marks to COE Office
29.05.2017	Monday	**End Semester Theory Examination Commences**

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Ref. NEC/COE/2016-2017/ Academic Schedule   Date: 03.01.2017

2016-2017 Academic Calendar - B.E., / B.Tech., - First Year - Even Semester
REVISED ACADEMIC CALENDER

Date	Day	Details
18.01.2017	Wednesday	Classes Begin for Second semester
03.02.2017	Friday	Last date for sending minutes of First class committee meeting to COE office
22.02.2017	Wednesday	Internal Assessment Test I commences
08.03.2017	Wednesday	Last date for remittance of Semester Exam Fees
30.03.2017	Thursday	Internal Assessment Test II commences
08.05.2017	Monday	Internal Assessment Test III commences
17.05.2017	Wednesday	End Semester Practical Examination Commences
23.05.2017	Tuesday	Last Working day
25.05.2017	Thursday	Last date for sending the attendance report to COE Office
26.05.2017	Friday	Last date for sending Internal Marks to COE Office
29.05.2017	Monday	End Semester Theory Examination Commences

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Civil and S&H), Manager(Admin), Exam Section (Administrative Office) & File.

Annexure II

Student Centric Activities

ISTE-Student's Chapter

ISTE students' chapter organized the following programs for the academic year 2016-2017.

S. No.	Date	Name of the Event
1.	29/06/2016	Introduction to the ISTE club by Mirudhula M (IV-ECE)
2.	13/07/2016	A presentation was conducted by by S.Zainy Mohammed Yosuf (IV-EEE) on the topic of "Android"
3.	20/07/2016	Aptitude class on "C program" conducted by Mirudhula M (IV-ECE)
4.	19/07/2016	Inauguration of I STE Students chapter for the year 2016-17
5.	03/08/2016	Ms.Mirudhula, final/ECE discussed about "Puzzles" for students.
6.	10/08/2016	About "Photoshop software" by Antony Callistus (III-EIE)
7.	17/08/2016	A presentation was conducted by Mr. VenkateshKarthik Final/EIE on "Technical Talk " for the second and third year students .
8.	30/07/2016	Seminar on "Networks Security Threads and Solutions"
9.	03/08/2016	Discussion on "How to solve electronic circuits questions"
10.	10/08/2016	Solving "Aptitude Questions" by Shyam and Kaliraj (III-EIE)
11.	20/08/2016	Hands on training on "Basics of Adobe after effects and Pthotoshop Software" by Final year EIE VenkateshKarthicK.
12.	24/08/2016	A presentation was conducted regarding "Placement Experience" shared by Gomathi and Muthumeena (IV-ECE)
13.	31/08/2016	Solving "C Aptitude" questions by Gayathri (III-CSE)
15.	28/09/2016 & 29/09/2016	Two day state level technical seminar on "BRAIN COMPUTER INTERFACE(EEG &GAZE)"
16.	30/11/2016	Discussion of "Evolution of communication (2G,3G,4G)" by S.Zainy Mohammed Yosuf (IV-EEE)
17.	14/12/2016	Placement experience by Ms.Mirudhula (IV–ECE)
18.	12/01/2017	Celebration of "NATIONAL YOUTH DAY" to conduct competition
19.	02 /01/2017 & 03/01/2017	CONSCI'17"(Regional conference on computing and computational intelligence)"

Computer Society of India (Students Chapter)

- ❖ CSI Chapter bagged Best Active Students' Branch Award for the year 2016.

- ❖ CSI Students Chapter organized the following programmes for the year 2016 – 2017.

S. No.	Name of the Event	Chief Guest(s) / Resource Person(s)	Date
1.	Photo-O-Magic	Final year students	11.07.2016 to 20.07.2016

2.	Embedded System design using ARM and PIC Microcontroller	Experts from Einstein Techno Solutions	29.08.2016 to 31.08.2016
3.	CSI Inaugural Function	Dr.S.Poonkundran Region VII State Student Coordinator	30.08.2016
4.	CSI Week Celebration	Mr.L.Jerart Julus,NEC CSI Students' Branch Counselor	19.09.2016 to 23.09.2016
5.	Technical Quiz Contest	Final year students	28.11.2016
6.	Vittiya Saksharta Abhiyan (VISAKA)-MHRD Campaign for Digital Economy)	CSI Members	22.12.2016 & 23.12.2016
7.	Web Designing Contest	Final year students	19.01.2017
8.	NECSI'17 (National Level Technical Symposium)	Dr.V.Balamurugan	16.02.2017 & 17.02.2017
9.	CSI Valedictory Function	Mr.L.Jerart Julus,NEC CSI Students' Branch Counselor.	10.03.2017

IEEE Computer Society Student Branch Chapter

List of IEEE Computer Society Student Branch Chapter Activities for the year 2016-2017:

S. No.	Events		Date	Participants
1.	Lets Maze		06.04.2016	II ,III & IV Year CSE,EEE,ECE,IT,EIE
2.	Adobe Artista		30.6.2016	II, III and IV Year CSE, EEE,ECE,IT and EIE
3.	MOBIAPP		18-08-2016 & 19-08-2016	III Year CSE
4.	Hieroglyph Creator		26.08.2016	II, III and IV Year CSE, EEE,ECE,IT and EIE
5.	IEEE CS-Inaugural Function		16.09.2016	Members of IEEE CS
6.	Tech Week' 16	E-FOTOGRAPIA	21.09.2016	II, III and IV Year CSE, EEE,ECE,IT and EIE
7.		AD-E-LIB	21.09.2016	
8.		CHARISMA RACE	22.09.2016	
9.		TECHBATE	23.09.2016	
10.	Techno buzz		05.10.2016	II, III and IV Year - CSE and IT
11.	Clip Your Social Issues		24-11-2016	II, III and IV Year - CSE, EEE, ECE, IT, Civil, Mech and EIE
12.	Awareness programme for school students at K.R.Saratha Govt.Hr. Sec School.		28.11.2016	XI standard students

| 13. | Spark Tech | 29-12-2016 | II, III and IV Year - CSE and IT |
| 14. | Workshop on 'Business Intelligence and its Tools' | 12-01-2017 & 20-01-2017 | III Year CSE and IT |

IEEE-Student's Branch

1. Various activities like Awareness on Digital India, Video presentations on recent trends in electrical and electronics field, discussions about the competitive examinations and certification courses such as GATE, MAT, IELTS etc., presentation of paper on space science was presented by an IEEE Student Member, discussion on soft skill trainings, renewable energy sources, Bionics and related inventions for the betterment of mankind, seminars on Big data and Advancements in energy efficient LED's , talk on "Networking fundamentals", "Microprocessors & the memory management in a computer and the graphics accelerator" were organized.

IEEE Information Theory Society- MADRAS CHAPTER

S. No	Event	Date	Topic	Resource Persons
1.	Technical Talk	24.06.2016	System Design Technologies	Mr.S.Janarthanam, Scientist, VLSI and Embedded systems group, Project Investigator, EPDPT project National Institute of Electronics and Information Technology, Chennai
2.	Motivational Talk	28.06.2016	Attitude Training	Mr.B.Murali, Professor and Head, Department of CSE, PSG college of arts and Science, Coimbatore
3.	National Level Project Exhibition for school students, PROEXPO'16	29.06.2016 to 30.06.2016	Innovations in science and technology	Mr.B.Pradeep Nair, Head- Engineering services, Sterlite Copper, Thoothukudi Mr.B.Murali, Professor and Head, Department of CSE, PSG college of Arts and Science, Coimbatore
4.	Technical Talk	21.07.2016	Embedded Engineers for Industries	Mr.T.Devakumar, AP(SG)/ECE, National Engineering College, Kovilpatti
5.	Technical Event	26.08.2016	Idea Presentation , Numerical and C Aptitude	

6.	Technical Talk	30.08.2016	An Industrial perspective towards data management	Mr.Ilangosomasundaram, Director, Enterprise data management, AnnikInc technology services, Seattle, USA
7.	Technological training programme	17.09.2016	Star Office and C	Ms.S.Arunpriya, AP/CSE National Engineering College, Kovilpatti
8.	Technical Event	06.10.2016	C Programming	-
9.	Awareness programme for school students	28.11.2016	Scientific Truths	-

IE-Student's Chapter

IE Student's chapters of various departments have organized the following activities for the academic year 2016-2017:

Department of Mechanical Engineering

Date	Details of the Events
19-07-2016	Orientation Program for the students conducted by Final year student by K. Vijaya kumar (4th year)
04-08-2016	Minute to win it programme conducted for the students for 2nd year and 3rd year and winners are encouraged.
19-08-2016	Techno Talk programme conducted to 2nd year and 3rd year students by S.Siva, M.Arribalaji, and M.Mohammed shameen from final year students (Phase - 1)
02-09-2016	Inaugural function of IE(I)-MECH Students' chapter was celebrated at Mechanical Seminar Hall. Dr. K. Kalidasa Murugavel and chief guest Mr. K. Deepak Arun Kumar presided over the function. Office bearers of IE(I)-Students' Chapter of 2015-16 was installed
22-12-2016	Techno Talk programme conducted to 2nd year and 3rd year students by PRESENTED BY S.Siva, M.Arribalaji, and M.Mohammed shameen from final year students (Phase – 2)
04-01-2017	1day mega event INTELLECT was conducted for the students of mechanical engineering on • Manufacturing competition, • Sheet metal, • Welding, • Essay writing, • Tech why, • Reverse Engineering, • Tech Quiz, • Paper Presentation,

	• Tech hunt,
	• Group discussion,
	• Paper presentation
	• Poster presentation
	• Resolve,
	• Best manager.
	• And the participants are encouraged and winners are motivated.

Department of Electronics and Communication Engineering

Date	Details of the Events
31.08.2016	PAPER PRESENTATION for II and III year students. 13 Third year students presented their Recent Advancements in the field of Electronics and Communication. Chairpersons:Ms.L.Krishna kumari,AP/ECE,Ms.D.Abidha,AP/ECE
29/09/2016	TECHNO CONNEXURE" from IE (I)-Student's Chapter for Second and third year students of ECE department. Preliminary round was conducted for the registered students. 20 students were selected for the final round.
29/12/2016	TECHNICAL QUIZ Preliminary round was conducted for the registered students. 15 students were selected for the final round.
02.02.2017	CAREER GUIDANCE PROGRAM for Third year students Final Year ECE students Unnikrishnan, Oshin judina mary and Sundaralakshmi guided the prefinal year students for their placement.

Department of Computer Science and Engineering

Date	Details of the Events
	Inaugural function of IE(I)-CSE Students' chapter was celebrated. Dr.S.Shanmugavel, Principal and Dr.B.Paramasivan,HOD of CSE dept. presided over the function. Office bearers of IE(I)-Students' Chapter of 2016-17 was installed
4.8.2016	Technical Quiz was conducted on two levels, 20 teams (2 members per team) attended the preliminary level. Out of this, 10 teams had been selected for the final round. Jury of the event was Mr.K.Maharajan,AP(SG)/CSE.
29.8.2016	Paper Presentation for II year students. 15 papers were presented Chairpersons:Mrs.G.R.Hemalakshmi,AP(CSE)andMr.V.Sivakumar,AP(CSE)
16.12.2016	The Seminar "Android SDK Development and its applications" has been conducted by Final Year CSE Ms.M.Nandhini and Ms.R.Nandhini for III year CSE Students

10.01.2017	The "CODE RACE" event was conducted, 30 students attended the preliminary level. Out of this, 15 students had been selected for the practical round and they were divided into 8 batches. They compete each other in final round and the jury of the event was Ms.G.Kavitha, AP/CSE

Department of Electrical and Electronics Engineering

Date	Details of the Events
04.08.2016	Inaugural function of IE(I)-EEE Students' chapter was celebrated Dr.S.Shanmugavel, Principal and Dr.M.Willjuice Iruthyarajan, HOD of EEE dept. presided over the function. Office bearers of IE(I)-Students' Chapter of 2016-16 was installed
30.08.2016	Paper Presentation for III year students. 13 papers were presented. Chairpersons: Ms.P.Mohana Latha, AP/EEE and Ms.E.Anitha AP/EEE
20.09.2016	The Seminar session-I was conducted on the topic of "HOW TO PRESENT A PAPER" for II years by M.Arun Kumar (Final EEE). 22 students were attended.
04.10.2016	The Seminar session-II was conducted on the topic of "HOW TO PREPARE AN ABSTRACT" for II years by K.Madasamy@Yuvaraja (Final EEE), R.Hari Sankar (Final EEE). 21 students were attended.
23.08.2016 to 07.10.2016	Technical Test Series were conducted for 3rd year students. 125 students attended the tests and top 2 students will be awarded.
05.01.2017	Paper Presentation for II year students. 12 papers were presented Chairpersons: Ms.P.Mohana Latha, AP/EEE and Ms.E.Anitha AP/EEE

Department of Electronics and Instrumentation Engineering

Date	Details of the Events
12.7.2016	Inaugural function of IE(I)-EIE Students' chapter was celebrated in the presence of Dr.B.Sangaragomathi, HoD/EIE. New Office bearers of IE(I)-Students' Chapter of 2016-17 was installed
22.8.2016	Motivational talk by the IE(I) Staff advisor Ms.J.Janet Paulin (AP/EIE) for the newly elected IE members (II year students) to share their technical knowledge through this chapter.36 members were participated
26.9.2016	Video quiz and words cluster contest was conducted by the final year EIE students Venkatachalam and Sumithra. 5 teams attended the contest (2 members per team).
5.10.2016	Technical discussion about process industries was conducted for the II & III year students by Venkatachalam, Final year/EIE.
17.11.2016 & 21.11.2016	Instrumentation Engineers Profile program was conducted by the final year students. 28 members were participated.
9.12.2016 & 12.12.2016	Paper Presentation for II year students. 7 Batches (2 members per batch) were presented their papers. Student Judges: Venkatachalam, Immanuel, Sumithra, Sabari Divya (Final Year EIE) Chairpersons: Ms.J.Janet Paulin, AP/EIE and

	Ms.V.Soundaravalli AP/EIE
12.1.2017 & 19.1.2017	Technical Talk about the process control components (PLC, DCS, SCADA) in Instrumentation Industries for the II & III year students. 21 members were participated.

Department of Information Technology

Date	Details of the Events
04.08.2016	MOPIE'16 Motivation program for II Year IT has been conducted. 57 second year students attended.
04.08.2016	"Seminar on latest trends in IT Fields" Delivered by H.Padmanaban,final year IT. All the second students attended.
02.09.2016	The Seminar session had been conducted on the topic of "E-Waste management" by V.Jackins (AP/IT). 50 students attended.
30.09.2016	The IE (I) Students chapter of IT department has organized "BLIND CODING "Technical event for second year students. 32 students attended.
20.10.2016	QUIZ COMPETETION for II & III year students. 25 Students Participated.
19.01.2017	"C Debugging contest" was conducted for second year students. 35 Students participated.

Department of Civil Engineering

Date	Details of the Events
01.08.2016	Inaugural function of IE(I)-Civil Students' chapter was celebrated. Dr.S.Shanmugavel, Principal and Dr.C.Puthiyasekar , HOD of Civil dept. presided over the function. Office bearers of IE(I)-Students' Chapter of 2016-17 was announced
16.08.2016	Technical Talk by Final year students –Role of IE(I) in Engineering sector
06.09.2016	CODE CRACKING event was conducted to III year students
20, 21.09.2016	Technical Quiz was conducted to all students at various levels
04.10.2016	Group Discussion to final and third year students
22.11.2016	Technical puzzle contest
31.12.2016	Guest Lecture –Dr.M.Ravindran , Associate Professor (Sr.Grade).EEE Department , National Engineering College – Insights into the Principles and Applications Of Electrical Machines
10 to 12.01.2017	Guest Lecture - Mr.R.Harichandran M.E , AP (SG) / Mechanical, Mr.V.J.Manoj Praveen M.E , AP / Mechanical - Refrigeration and Air Conditioning system
19 & 20.01.2017	Technical Quiz was conducted to all students at various levels

ISOI-Student's Chapter

- ❖ *Inauguration* of the chapter and installation of office bearers was held on 28th July 2016

- ❖ *Guest Lecture* was arranged for the Final year ISoI members on 1st August 2016 on "Employment opportunities for Instrumentation Engineers" by Mr.R.Ramajeyan, Quality control Engineer, Dubai.

- ❖ *Graduate Engineering Test* on Instrumentation (GETIN) was conducted in two phases during December 2016 and January 2017.

- ❖ Intra college event *'TECHQUEST'* (Technical Quiz, Technical Connections, Technical Talk) was conducted on 20-1-2017 and 23-1-2017

- ❖ FINS: *Field Instrument Study* was conducted for the members of ISOI during third week of january, 2017 in which the students gathered information about the field instruments available in our college campus.

- ❖ INSPRO: *Instrument Profile* and COMPRO: *Company Profile* was periodically prepared, and displayed to learn about various instruments and companies regarding instrumentation.

- ❖ *"pro-ecto" –A Project contest* was conducted on 1st March 2017

Society for Automotive Engineers (SAE)

- ❖ SAE Club organized the following programmes for the year 2016 – 2017.

Sl. NO.	PROGRAMS	DATE
1.	ORIENTATION for 2nd year Mechanical Engineering students	08.07.16
2.	INAUGURAL	12.08.2016
3.	AUTOTECH (TIER I Intra event)	22.08.2016 to 26.08.2016
4.	TIER II COMPETITIONS (Students participated in K.Ramakrishnan College of Tech., Trichy)	28.01.2017
5.	AUTOMANIAC'17 Industrial visit to Classic Automobiles, Tirunelveli	04.02.2017
6.	TIER III Competitions (Students participated in Kongu Engineering College, Perundurai, Erode)	25.02.2017 & 26.02.2017
7.	ARCUEZ -17 (Inter Event) With 4 Workshops and 13 Events	03.03.2017 & 04.03.2017

NEC GATE Forum

❖ The following activities were organized for our students through NEC-GATE Forum in the academic year 2016-2017.

➢ All India GATE Mock Examination was conducted for III year and IV year students of various departments on 09.09.2016.

➢ GATE awareness program was organized with training class for III year B.E. Students of ECE and EEE departments through GATE Forum, Madurai on 12.01.2017.

19. National Cadet Crops (NCC)

❖ Our NCC unit is functioning successfully with full strength of 100 NCC cadets. During this academic year 2016 - 2017, 30 NCC Cadets have been awarded with NCC B-Certificate & 31 NCC Cadets have been awarded with NCC C-Certificate. Apart from that, 53 (33 Boys and 20 Girls) students were enrolled as NCC Cadets in this year in our NCC unit from the second year of B.E / B.Tech Degree Course.

❖ In this academic year, a separate Girls NCC Unit has been started under the affiliation of 3(TN) Girls BN NCC, Tirunelveli with the sanctioned strength of 108 cadets. In the newly raised girls unit, 36 girl's students were enrolled as NCC Cadets from the second year of B.E / B.Tech Degree Course.

❖ Activities of NCC Cadets and NCC Officer for the Year 2016 – 2017:

S. No	Date	Particulars	NCC Cadets & ANO Participation
1	21.05.2016 - 30.05.2016	NCC Shooting Camp, American College, Madurai	11 Cadets
2	01.06.2016 – 10.06.2016	CATC cum IUC-TSC Camp, SVN College, Madurai	05 Cadets
3	21.06.2016	International Yoga Day Celebration	49 Cadets, ANO
4	21.06.2016 – 30.06.2016	TSC GP – TRG-II, St. Hindu College, Nagercoil	02 Cadets
5	03.07.2016 - 12.07.2016	TSC GP Launch & IGSC TSC (B&G) Camp Kalasalingam University, Srivilliputhur	01 Cadet
6	13.07.2016 – 22.07.2016	TSC GP Launch & IGSC TSC (B&G) Camp, James College of Engg. & Tech, Nagercoil	01 Cadet
7	27.07.2016 – 05.08.2016	CATC cum IUC RDC, Ponjesly College of Engineering, Kanyakumari	04 Cadets
8	27.07.2016	Swatch Bharath Abhiyaan Shramdaan, Govt. Primary Health Care Centre, Villiseri	25 Boys & 15 Girls Cadets
9	03.08.2016 - 17.08.2016	Army Attachment Camp, Secunderabad	13 Cadets & 01 ANO
10	05.08.2016 – 14.08.2016	TSC (B&G) DTE TRG-I Camp, Annammal College of Education for Women, Tuticorin	01 Cadet

11	15.08.2016	Independence Day Parade	85 Cadets, Faculty
12	25.08.2016 – 03.09.2016	TSC (B&G) DTE TRG-II Camp, St. Johns College, Palayamkottai	01 Cadet
13	03.09.2016 – 12.09.2016	Gp RDC TRG-II Camp, James College of Engg. & Tech, Nagercoil	01 Cadet
14	05.09.2016	Teacher's Day Celebration, Carrer Guidance to School Students – GHSS, Nalatinputhur	10 Boys & 05 Girls, 01 ANO
15	08.09.2016 - 17.09.2016	TSC (B&G) DTE LAUNCH Camp, MTN College, Madurai	01 Cadet
16	18.09.2016 - 03.10.2016	TSC Final Camp – New Delhi	01 Cadet
17	19.09.2016	ANO Conference, NCC Unit Tirunelveli	ANO
18	23.09.2016 – 02.10.2016	CATC Camp, Margoschis HSS, Nazareth	14 Cadets
19	28.09.2016	Clean India Programme, College Main Block	36 Cadets – 3(TN), Caretaker
20	05.10.2016	Save Energy – Seminar Programme	43 Cadets – 9(TN) 36 Cadets – 3(TN)
21	17.11.2016	ANO Conference, NCC Girls Unit, Tirunelveli	NCC Caretaker
22	26.11.2016	Mahaprathosam – Thiruppudaimaruthur Temple – Banthobasthu Service	50 Cadets – 9(TN), 10 Cadets – 3(TN) 01 ANO & Faculty
23	30.11.2016	Display of Air force Publicity Bus Disha Cell	30 Boys & 20 Girls, Faculty
24	30.11.2016	Weapon Training Practice, College Basket Ball Ground	36 Cadets – 3(TN), Caretaker
25	17.12.2016	JOB FAIR – MELA'2016 Tuticorin District Volunteers Service Duty	50 Boys – 9(TN), 55 Girls – 9(TN) & 3(TN), 01 ANO, Caretaker
26	31.12.2016	NCC Trekking Camp, Kalakkadu	50 Boys – 9(TN), 50 Girls – 9(TN) & 3(TN), 01 ANO, Caretaker & Faculty
27	24.12.2016 – 02.01.2017	CATC Camp, St.John's College, Palayamkottai	04 Cadets
28	30.12.2016 - 31.12.2016	State Level Chess Competition, Volunteers Service Duty	19 Cadets
29	05.01.2017	Group Commander Annual Inspection *Quarter Guard Drill by NCC Girl Cadets*	12 Cadets, ANO
30	10.01.2017 – 21.01.2017	ALC – III Camp, Ahmedabad	01 Cadet

31	09.01.2017	Cycle Expedition, Jeppiar Institute of Tech., Chennai	Accommodation and Provide Refreshment
32	12.01.2017	Youth Day Celebration – E-Payment Awareness Rally 5KM - College – Nalatinputhur – Vandarampatti.	40 Cadets – 9(TN), 35 Cadets – 3(TN), ANO, NCC Caretaker & Faculty
33	01.02.2017 – 15.02.2017	Army Attachment Camp, Secunderabad	10 Cadets
34	24.01.2017	Mini Marathon, Palayamkottai	15 Cadets – 9(TN), 16 Cadets – 3(TN), NCC Caretaker
35	26.01.2017	Republic Day Parade	85 Cadets – 9(TN), 35 Cadets – 3(TN), ANO & NCC Caretaker
36	04.02.2017	SSB Awareness Programme, (Major.Rajasekar)	40 Cadets – 9(TN), 35 Cadets – 3(TN), ANO & NCC Caretaker
37	09.02.2017	Thaipusam Banthobasthu – Thirupadaimaruthur Temple	35 Cadets – 9(TN), 25 Cadets – 3(TN), ANO & NCC Caretaker
38	17.02.2017 – 18.02.2017	Cycle Expedition Rally – 150KM Kovilpatti, Kalugumalai, Sankarankoil, Rajapalayam, Srivilliputhur, Sivakasi, Sattur, Kovilpatti Theme: "Save Water….!!! Save Agri…!!!"	25 Cadets – 9(TN), 15 Cadets – 9(TN) & 3(TN), ANO, NCC Caretaker, Faculty
39	22.02.2017	Weapon Training Practice, College Basket Ball Ground	28 Cadets – 9(TN), 01 ANO
40	25.02.2017	NCC B Certificate Examination, St.John's College, Palay	28 Cadets & ANO
41	25.03.2017 – 26.03.2017	NCC C Certificate Examination Scheduled	21 Cadets & ANO

❖ Our NCC Cadet CUO.A.BASKAR, III Yr. EIE Department has participated in the *"Obstacle Training Thal Sainik Camp"* New Delhi from Sep. to Oct. 2016 and *"bagged third prize in the Map Reading Competition"*.

20. National Service Scheme (NSS)

❖ Orientation program to our NSS volunteers was conducted on 15.07.2016, presided by Dr.B.Jeyanthi, Regional NSS Co-ordinate, Anna university Tirunelveli region. On that day new office bearers were installed.

❖ NSS volunteers celebrates 70th Independence day function by visiting birth Place of freedom fighters - Subramania Bharathi and Veerapandiya Kattabomman on 19.08.2016.

❖ 68 NSS Volunteers went to Ettayapuram village to implement the Swachh Bharat mission. The field works started from Taluk office premises, Ettayapuram kovilpatti main road and upto the market place. Our NSS volunteers distribute the "keep clean" awareness notice to public, shops and home.

❖ Legal Awareness program was organized to our college students by the Honorable Judges **Thiru. Jeya Sudhakar, Judicial Magistrate-I, Kovilpatti, Thiru. Veeranan, Judicial Magistrate-I, Kovilpatti** and Lawyers of Kovilpatti Court on 02.09.2016

❖ NSS volunteers planted around 23 different types of plants around the college campus on "World Green Conservation day" on 29.07.2016

❖ Fire and Rescue services team of Kovilpatti has conducted a mock drill for our College Students on 15.09.2016. They created awareness among students and guided them about the role of emergency operations during natural disaster.

❖ NSS volunteers went youth rally for celebrating "Youth Awakening Day" on the Birthday (15.10.2016) of Bharat Ratna Dr. A.P.J.Abdul Kalam.

❖ NSS week was celebrated from13-10-2016 to 15-10-2016 and conducted various events for the college students and prizes are distributed on the valedictory function.

❖ A one day orientation program "Healthy Youth for Wealthy India" is conducted for our NSS Volunteers on 06.02.2017

❖ National Service Scheme of our college is organized one day NSS Trekking Camp at "**KARAIYAR DAM"** on 04-02-17.

❖ One week NSS Special Camp was conducted at Sivanthipatti Village, Thoothukudi district by NSS volunteers from 24.02.2017 to 02.03.2017. In the special camp, following activities were conducted.

   • "Swachh Bharat" as a mass movement to realize Mahatma Gandhiji's dream of a Clean India by the 150th birth anniversary of Gandhi in 2019. To make his dream come true, Our NSS Volunteers adopted roads and paths to keep areas looking clean and tidy and to ensure that people can use roads and pavements safely. Temple, School, Play ground premises of Athimarapatti village were cleaned by NSS volunteers on 25.02.2017.

- Caring for trees and the environment is the social responsibility of every individual. The Plant-A-Tree Programme is a platform for organizations and individuals to actively participate in the greening of our City in a Garden by planting trees.

- NSS Volunteers cleaning semai-karuvelam trees in sivanthipatti village on 26-02-2017.

- Free Eye Medical Camp was conducted by NSS units of our college in association with Dr.R.Ramakrishnan of Aravind Eye Hospital, Tirunelveli on 01.03.2017. Around 206 patients were screened and 08 patients were admitted for cataract surgery. People living in Sivanthipatti village, Kumarapuram, karisalkulam, Duraiyur, Pandavarmangalam and its surrounding villages were benefited.

- General Medical Camp was conducted by Dr.N.Sethuraman, Administration and Medical group, Meenakshi Mission Hospital on 27.02.2017. Around 197 people from the village consulted the doctor.

- Veterinary medical camp was conducted by Dr.S.M.Balasubramanian, Veterinary doctor, Veterinary Hospital, Kovilpatti on 28.02.2017 and provided treatment to 200 cattle's.

- Sports events were conducted for school students of Athimarapatti village on 27.02.2017.

- Dr.M.Ravindran and Mr.N.B.Prakash of EEE dept , National Engineering College , Kovilpatti addressed about "Power savings and safety measures" on 1.03.2017

Co-curricular Clubs

Junior Jaycee

- ❖ In the month of July, the inauguration of our Junior Jaycee wing held on 13.07.2016 and new members from all departments are registered in our club. Mr Jc. HGF. M. Arun, Zone Director – Junior Jaycee Wing – Zone XVIII, JCI Kovilpatti was the chief guest of the occasion. He delivered his key speech and gave orientation for the NECians.

- ❖ Junior Jaycee wing of our college and JCI Kovilpatti jointly organized a Junior Jaycee National conference'2016 – Jai Ho in the month of August 2016.

- ❖ Jaycee Club members coordinated and acted as volunteers for the two day exhibition organized by "Thoothukudi Woman Self Help Group" in our college premises as part of Job Fair'16 organized by Thoothukudi District Collectorate on 15.12.16 and 16.12.16.

- ❖ JCI Week 2017 was organized from 6th to 8th February 2017 to enlighten the student skills by various events conducted such as Crime Buster, Tech – No – Tech and Best Manager.

Rotaract Club

The following programs were conducted by the Rotaract club of our college during this academic year 2016-2017.

S. No	Name of the Event	Nature of the Activity	Place	Date
1	Installation program for new office bearers of Rotaract Club for the academic year 2016-2017.		NEC, Kovilpatti.	27.07.2016
2	"Vibrant Rotary"	Volunteers – Arrangement of the Programme	Kovilpatti	24.07.2016
4	Personality Development Programme	Participation	Govt. Arts College, Kovilpatti.	26.08.2016
5	School Students Competition	Events Organized: Debate, Video-Quiz's, On Spot Speech, Dumb smash	A.V.Higher Secondary School, Kovilpatti.	01.09.2016
6	Rally for "Voters Awareness Programme"	Rally for "Voters Awareness Programme"	Kovilpatti.	19.09.2016
7	Teacher Day Celebration – NEC STAFF	Greeting Card for Teacher Day Celebration	NEC, Kovilpatti.	05.09.2016
8	District Rotaract Assembly-ROTAMAS	Attending the Seminar	Annammal College of Education for Women, Tuticorin.	27.09.2016
9	RotoWeeK'17	Events Organized: Eagle Eye, Personality Identification, Mono Act Mock CID, Voco-Prank	NEC, Kovilpatti.	09.01.2017 to 12.01.2017
10	Human Chain for "Road Safety Awareness Programme"	Human Chain for "Road Safety Awareness Programme"	Kovilpatti.	09.01.2017
11	Passport Seva Kendra - Student Connect Program	To assist the student for getting passport	Tirunelveli Passport Kendra	21.02.2017

ECO Club

❖ The following activities were carried out through ECO CLUB during the academic year 2016-2017:

❖ Inauguration of the club by MR.Thiraviyam, Corporate Employee turned Organic Farmer from Mukkoodal, Tirunelveli. Street Play on the topic "What is happy?", Short film screening based on the topic "Human Dignity", On Street Debate on the topic "Face the lose" and Street Performance - Dance on the topic "Ithu namma bhoomi" were organized in the month of August 2016.

❖ Awareness program on "Creating Better India" by Mr. Ravikiran, a software engineer turned social activist – a cyclist who rides from Kanyakumari to Kashmir was held on 10.01.2017.

❖ Eco fest programmes of "Debate" on the topic "Digital India. Where we go?", "Movie review" on the topic "Societal themes", "Mime" on the topic "Water conservation" and As You Like It" on the topic "Environmental themes" were conducted in the month of February 2017.

Entrepreneurship Development Cell

❖ Three day Entrepreneurship Awareness First Camp sponsored by National Science and Technology Entrepreneurship Development Board (NSTEDB) – Department of Science and Technology (DST), New Delhi (implementation through Entrepreneurship Development Institute of India (EDII), Ahmedabad) was organized during July 13-15, 2016.

❖ Three day Entrepreneurship Awareness Second Camp sponsored by NSTEDB-DST, New Delhi (Under the EDII-NIMAT project, Ahmadabad) was organized during August 09-11, 2016.

❖ Two weeks Faculty Development Programme on "Entrepreneurship" sponsored by NSTEDB-DST, New Delhi (Under the EDII-NIMAT project, Ahmadabad) was organized during December 05-17, 2016.

❖ Innovative and commercially viable student's projects from various departments of our college were collected and project proposal based on the student's projects were submitted to NSTEDB-DST, New Delhi for receiving fund to set up "New Generation Innovation and Entrepreneurship Development Centre" (**NewGen IEDC**) in our college.

Physical Education

Anna University Chennai Inter-Zone Tournaments:

❖ Our college men team has secured the winners' title in Anna University Chennai Zone - 18 Tennis - Men Inter college tournament.

❖ Our women team has secured the runners' title in Anna University Chennai Zone -18 Ball Badminton - Women inter college tournament.

- ❖ Our men team of Cricket and Ball badminton have secured third place in Anna University Chennai Zone -18 inter college tournament.

- ❖ Our women team of Chess and Table Tennis have secured third place in Anna University Chennai Zone -18 inter college tournament.

- ❖ **R.Raja Gowtham I –CSE**, represented Anna University, Chennai Inter University Competition in the game of Archery

Tournaments organized by NEC:

- ❖ Every year we conduct All India Hockey Tournament in the memory of our Chairman's mother Lakshmi Ammal. This year we propose to conduct 9th All India Lakshmi Ammal Memorial Hockey Tournament from25th may to 4th June 2017.

- ❖ Anna University Chennai, Zone 18 Men Basket ball tournament was organized at our college campus on 30th & 31st August 2016.

- ❖ **24th Tamil Nadu State FIDE Rated Team Chess Championship** on behalf of Tamilnadu State Chess Association was held during 5th to 8th November 2016.

- ❖ **NEC State Level Chess tournament** was held on 30th &31st December 2016.

Alumni Association

- ❖ Reunion of 1991 passed out batch was held on 13.08.2016.

- ❖ One computer server was donated for Placement Cell by the association.

- ❖ Many alumni have visited our college campus for recruitment, as chief guests and as resource persons for various programmes organized in our institution. They had interaction with the students and motivated them.

- ❖ Alumni Association is proud to introduce fund for final year UG project and Best project award for this academic year. The project fund is under three streams. **Each stream** is eligible to get **Rs.10,000/-** as project development fund.

  - ➢ A **best project** award worth of **Rs.20,000/-** will also be provided to final year project under open to all competition basis.

- ❖ Alumni Induction Programme was organized on 10/03/2017.The current final year students installed as life member of the Alumni Association.

Annexure III

FEEDBACK FROM STAKEHOLDERS – ANALYSIS

Students Feedback about the Performance of Faculties (Semester Wise)

ODD SEMESTER – DEPARTMENT WISE
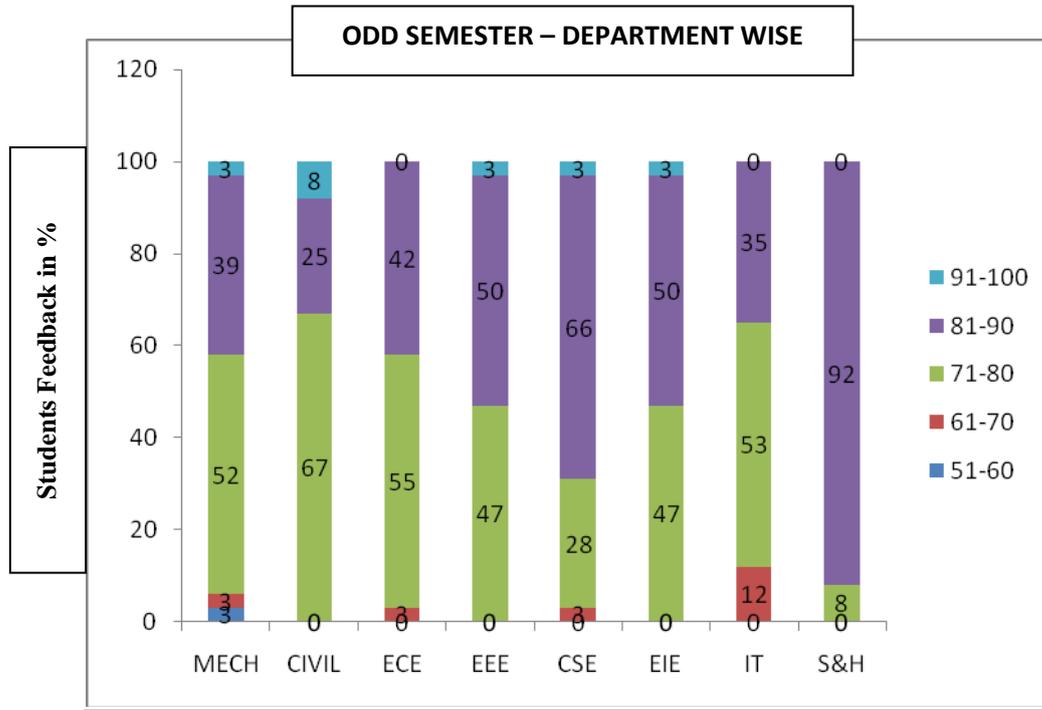
In %	MECH	CIVIL	ECE	EEE	CSE	EIE	IT	S&H
91-100	3	8	0	3	3	3	0	0
81-90	39	25	42	50	66	50	35	92
71-80	52	67	55	47	28	47	53	8
61-70	3	0	3	0	3	0	12	0
51-60	3	0	0	0	0	0	0	0
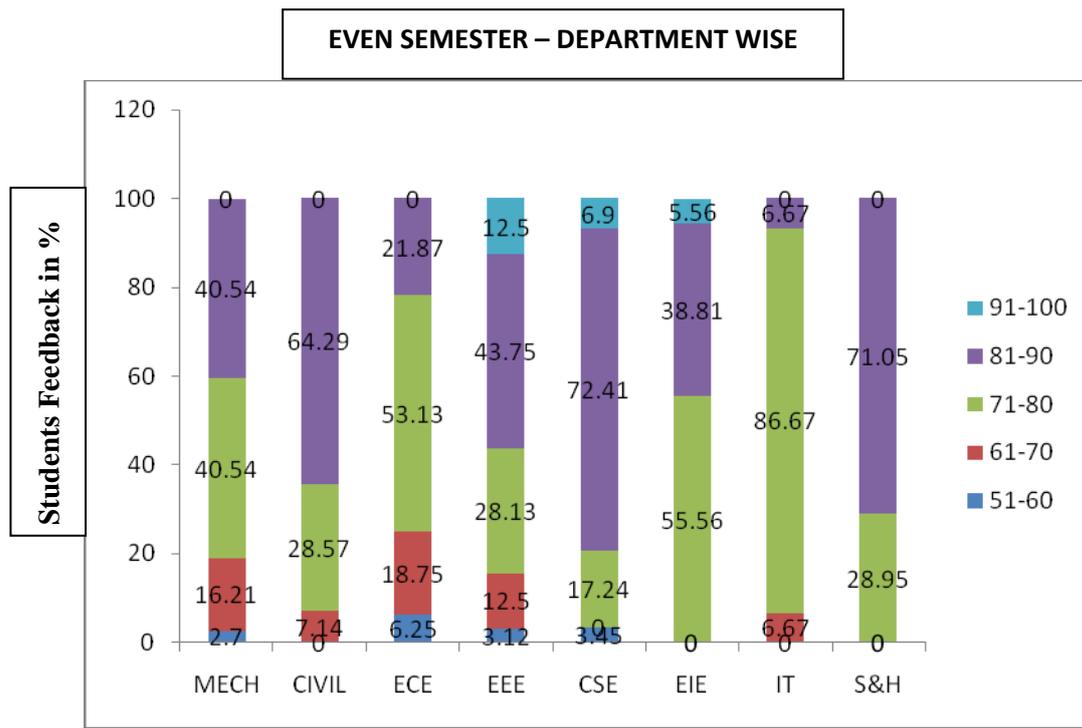
In %	MECH	CIVIL	ECE	EEE	CSE	EIE	IT	S&H
91-100	0	0	0	12.5	6.9	5.56	0	0
81-90	40.54	64.29	21.87	43.75	72.41	38.81	6.67	71.05
71-80	40.54	28.57	53.13	28.13	17.24	55.56	86.67	28.95
61-70	16.21	7.14	18.75	12.5	0	0	6.67	0
51-60	2.7	0	6.25	3.12	3.45	0	0	0

Alumni Survey

Date of Response: 01-06-2016

Dear Alumni,

> *We ask you **5 minutes** of your time to help us get a better picture of what our graduates are doing. This data is crucial to our assessment of how well we are preparing students for the "**real-world**". Also, your valuable feedback will be helpful for the assessment of the Programmes of our college. In this regard we request you to register your opinions for the questionnaire given below.*

Graduate Name	A.Prasanna Devi
Year of Graduation	*2008-2012*
Company Name	*LNT Infotech*
Current Position at Job	*SENIOR SYSTEM ENGINEER*
Date of Joining	*24-01-2013*

(Please brief about your answer)

1. What is your current designation? Narrate the nature of job.

SENIOR SYSTEM ENGINEER. My job is to develop a software.

2. State your progress in current job? (Graduates who are employed, make comparison with your starting designation. Graduates pursuing their higher studies may mention their academic achievements like conference, journal, ranking, etc.)

I'm improving a lot in my carrier.

3. Are you feeling comfortable in your career through our programme? Narrate.

Yes.

4. Please mention about the technologies learnt by you after graduation, for your career development?

Java

5. Brief an important critical situation and your effective reaction while at your job.

Not like that, I handle everything normally.

6. State how good is you as a team player and justify.

I am controlling all the members below me

Alumni Survey

Date of Response: 3/11/2016

Dear Alumni,

*We ask you **5 minutes** of your time to help us get a better picture of what our graduates are doing. This data is crucial to our assessment of how well we are preparing students for the "**real-world**". Also, your valuable feedback will be helpful for the assessment of the Programmes of our college. In this regard we request you to register your opinions for the questionnaire given below.*

Graduate Name	*B.E; Computer Science Engineering*
Year of Graduation	*2011*
Company Name	*Tata Consultancy Services*
Current Position at Job	*IT Analyst*
Date of Joining	

(Please brief about your answer)

1. What is your current designation? Narrate the nature of job.

I am currently working in Mainframe legacy Platform

2. State your progress in current job? (Graduates who are employed, make comparison with your starting designation. Graduates pursuing their higher studies may mention their academic achievements like conference, journal, ranking, etc.)

I started my career In TCS as a fresher and now in the position to support 10 members' team for any Technical assistance. I am part of Quality Assurance Group and

3. Are you feeling comfortable in your career through our programme? Narrate.

My Engineering Studies is not only provided the platform to learn Technical stuffs more than I grabbed /developed many of my soft skills through my 4 years of tenure.

4. Please mention about the technologies learnt by you after graduation, for your career development?

Hadoop (Big Data)

5. Brief an important critical situation and your effective reaction while at your job.

I can specifically tell on Crisis Management, It is always hectic even to be a passive/shadow player in Estimation Phase & Finance Phase for a new upcoming project.

6. State how good is you as a team player and justify.

I set my Priority to Team Goal, then individual Goal. Though I work with same level of competitors to achieve a single and same target.

Alumni Survey

Date of Response : 3/11/2016

Dear Alumni,

*We ask you **5 minutes** of your time to help us get a better picture of what our graduates are doing. This data is crucial to our assessment of how well we are preparing students for the "**real-world**". Also, your valuable feedback will be helpful for the assessment of the Programmes of our college. In this regard we request you to register your opinions for the questionnaire given below.*

Graduate Name	*B.E; Computer Science Engineering*
Year of Graduation	*2007-2011*
Company Name	*Tata Consultancy Services*
Current Position at Job	*IT Analyst*
Date of Joining	

(Please brief about your answer)

1. What is your current designation? Narrate the nature of job.

I am currently working in Mainframe legacy Platform Where I have used the Technologies like JCL,VSAM,DB2,COBOL,REXX,IMS,CICS to enhance the end to end application.

2. State your progress in current job? (Graduates who are employed, make comparison with your starting designation. Graduates pursuing their higher studies may mention their academic achievements like conference, journal, ranking, etc.)

I started my career In TCS as a fresher and now in the position to support 10 members' team for any Technical assistance. I am part of Quality Assurance Group

3. Are you feeling comfortable in your career through our programme? Narrate.

Yes. Of course. I learnt a lot through our Engineering Studies. That was the beginning pavement in my career growth .My Engineering Studies is not only provided the platform to learn Technical stuffs more than I grabbed /developed many of my soft skills through my 4 years of tenure.

I strongly believed that *"Any Technical Domain protocols can be learnt from any techie person in a month But Soft skills and discipline are matters!!!"*

That are molded by our Professors and HOD Support. . Their Guidance always bridged the gap in my Career and studies to reach high in my career. I identified my leadership skill, communication skill, Management Skill, Team Skill in my college days which made me to be achieved a lot in my Career and in my organization

4. Please mention about the technologies learnt by you after graduation, for your career development?

DB2 Systems, IMS, SAS, REXX, PEGA, Hadoop (Big Data)

5. Brief an important critical situation and your effective reaction while at your job.

I have quoted with justified statistics for both the side and verified with all Peers and senior people guidance which made me to clutch the project finally. I felt this is my latest best in my career

6. State how good is you as a team player and justify.

I am a very good Team Player; as an individual I helped my peers to achieve their goals. I work in a team harmoniously to achieve the team's target. I set my Priority to Team Goal, then individual Goal.

Alumni Survey

Date of Response 4 /11/2016

Dear Alumni,

We ask you 5 minutes of your time to help us get a better picture of what our graduates are doing. This data is crucial to our assessment of how well we are preparing students for the "real-world". Also, your valuable feedback will be helpful for the assessment of the Programmes of our college . In this regard we request you to register your opinions for the questionnaire given below.

Graduate Name	***Mahadevan B***
Year of Graduation	*2014*
Company Name	*CTS Chennai*
Current Position at Job	*Engineer Software Engineer*
Date of Joining	

(Please brief about your answer)

1. What is your current designation? Narrate the nature of job.

Engineer Software Engineer (Doing Automation for Web and mobile with the help of Selenium & Appium) and also doing Adobe Express Management Development.

2. State your progress in current job? (Graduates who are employed, make comparison with your starting designation. Graduates pursuing their higher studies may mention their academic achievements like conference, journal, ranking, etc.)

Job is very Good, Learned lot of tools after Joining in MasterCard.

3. Are you feeling comfortable in your career through our programme? Narrate.

Yes, but the standard of Programme need to be advanced and to be close with software company's standard.

4. Please mention about the technologies learnt by you after graduation, for your career development?

Java Certification & all automation tools

5. Brief an important critical situation and your effective reaction while at your job.

I doesn't face any critical situation as of now

6. State how good is you as a team player and justify.

I am fast moving, Easy understanding & quick learner in all the new technologies.

Employer Survey

Thank you for taking your valuable time to fill out this questionnaire. All the information given by you will be helpful for us to improve the performance of our students in future and make them industry ready. The survey is intended to assist our College students to prepare according to the work environment and will better serve your company and industry needs.

Company Name: BIMBAM Creative Solutions

Person Completing Form Qural T.M

Address: 6/148-1, Mukkani Main Road,Eral, Thoothukudi

City/State/Zip Code: Thoothukudi   Tamil Nadu
628801

Graduate/ Employee: Qural T M

Name:

Graduate/ Employee

designation: Systems Engineer

Date of Joining in your company: 3.8.21013

Has the Graduate got any promotion after

employed by your   Yes: No:

Company?

If YES means, please mention us date of promotion: _____

Please check the box which best indicates your level of satisfaction demonstrated by your employee's performance for each of the following:

Area	Very Satisfied	Satisfied	Dissatisfied
Overall job performance	■		
Job specific skills	■		
Problem solving skills	■		
Individual and teamwork skills	■		
Leadership skills	■		

Would you consider our future graduates as your employee?   Yes: ____yes____   No: _____

Please mention few suggestions to improve the skills of the graduates to meet your company expectations.

> Knowledge on latest trends and developments in the technology sector is preferred.

Thank you for your assistance in helping us to improve the performance of our students and make them industry ready.

Employer Survey

Thank you for taking your valuable time to fill out this questionnaire. All the information given by you will be helpful for us to improve the performance of our students in future and make them industry ready. The survey is intended to assist our CSE students to prepare according to the work environment and will better serve your company and industry needs.

Company Name: Tata Consultancy Services

Person Completing Form: Vijay Kumar T

Address: Saisheela apartment, No. 366, S1 Flat MIG Colony, Mullainagar, West
Tambaram

City/State/Zip Code: Chennai. Tamil Nadu
600045

Graduate/ Employee: Piriya Dharshni I

Name:

Graduate/ Employee

designation: Systems Engineer

Date of Joining in your
company: 06-03-2014

Has the Graduate got any
promotion after

employed by your Yes: No:

Company?

If YES means, please mention us date of promotion: 06-03-2016

Please check the box which best indicates your level of satisfaction demonstrated by your employee's performance for each of the following:

Area	Very Satisfied	Satisfied	Dissatisfied
Overall job performance	■	☐	☐
Job specific skills	■	☐	☐
Problem solving skills	■	☐	☐
Individual and teamwork skills	■	☐	☐
Leadership skills	■	☐	☐

Would you consider our future graduates as your employee?   Yes: ____yes____   No: _____

Please mention few suggestions to improve the skills of the graduates to meet your company expectations.

> Knowledge on latest trends and developments in the technology sector is preferred.

Thank you for your assistance in helping us to improve the performance of our students and make them industry ready.

PARENTS FEEDBACK

The following survey was taken from 296 parents during the Parents Teachers meeting conducted in the last academic year.
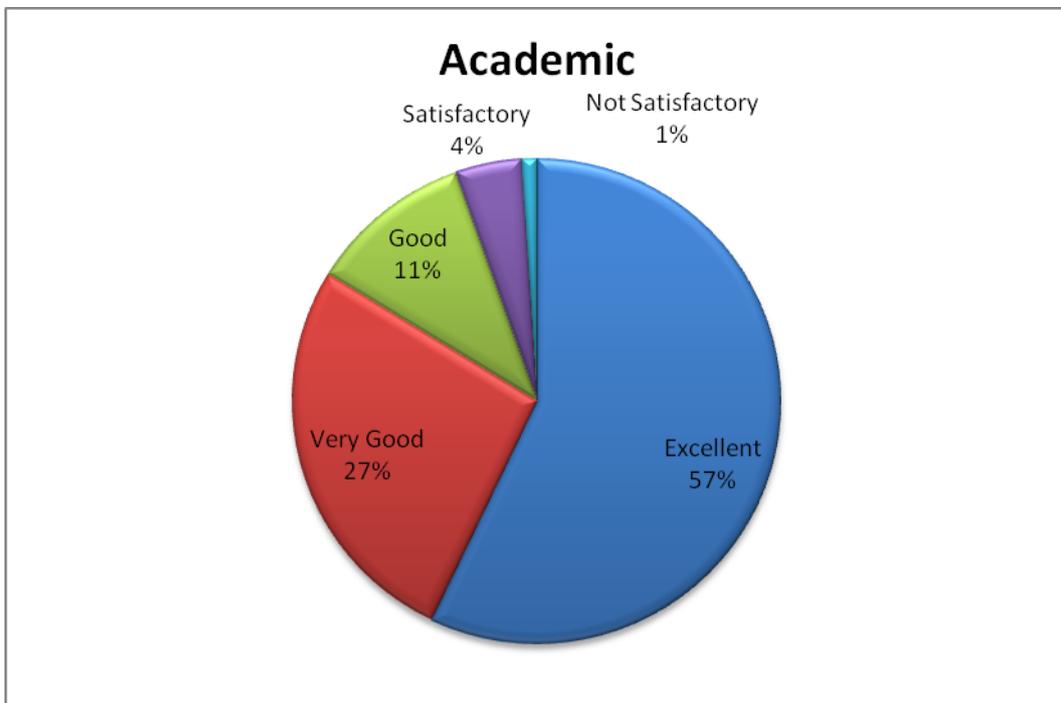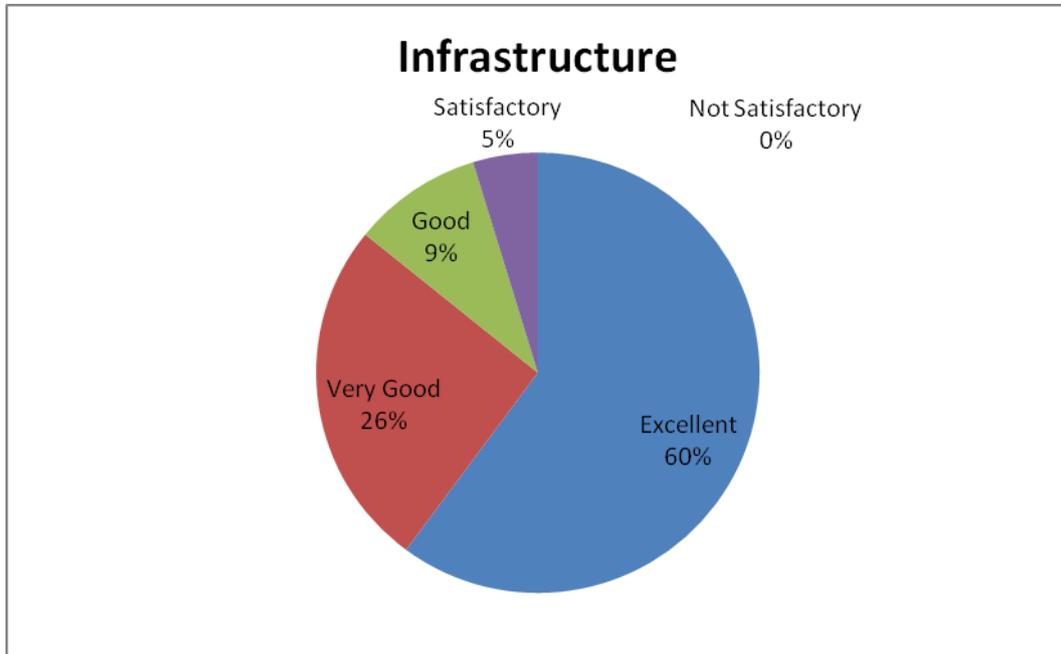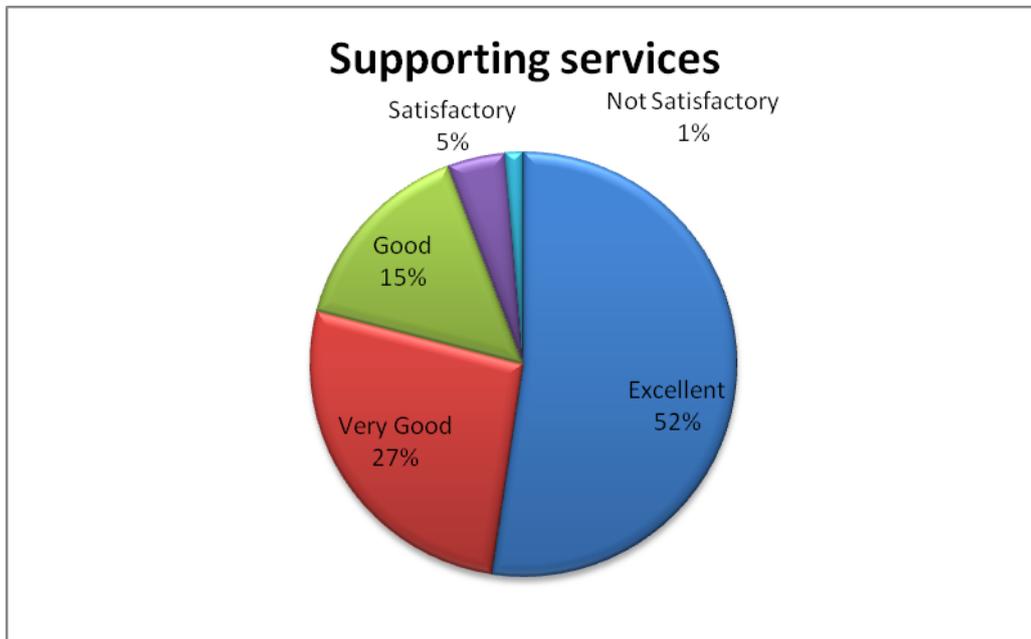
STUDENT EXIT SURVEY

1. Whether you attend all the classes regularly?
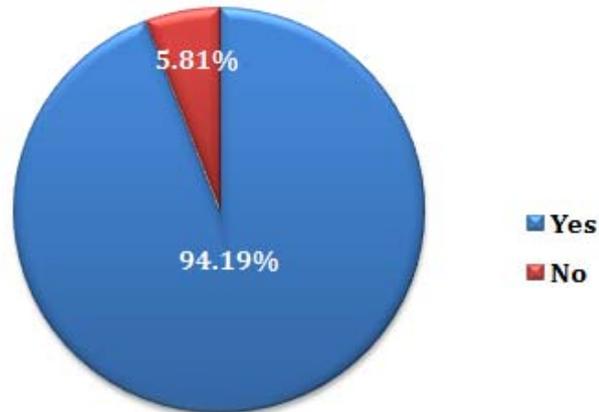
a. Are you informed in advance about any changes or cancellation in the scheduled classes?
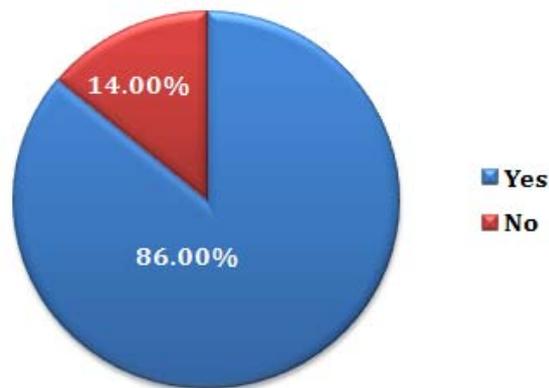
2. How often do you approach your teachers before or after the classes?
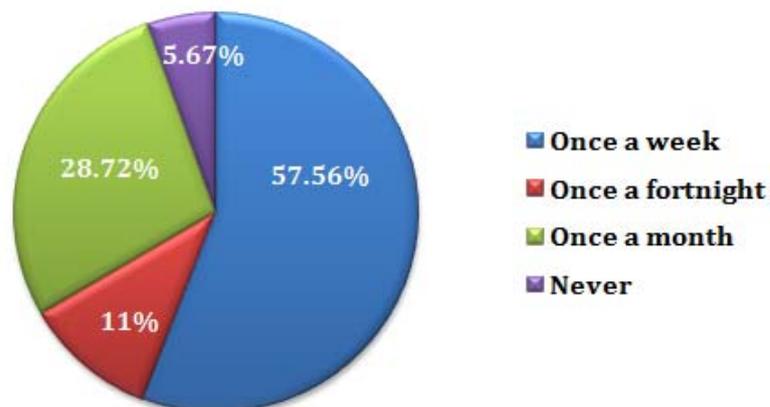
3. Are your teachers available when you approach them during college working hours?
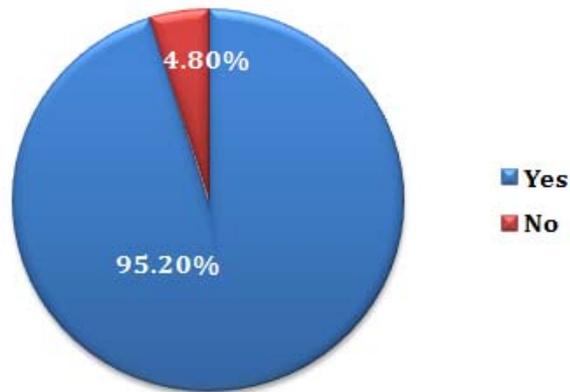
4. Do your teachers provide you with additional study material / notes and other learning inputs for clarity and understanding of the subject?
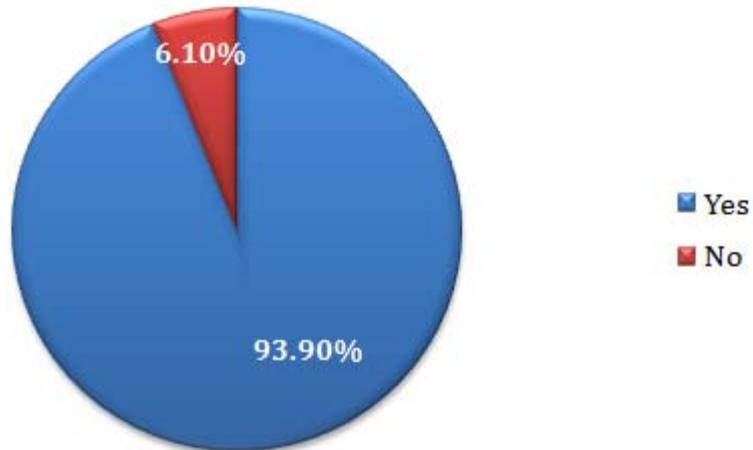
5. Have you ever approached any of your teachers for Career Guidance and Assistance?
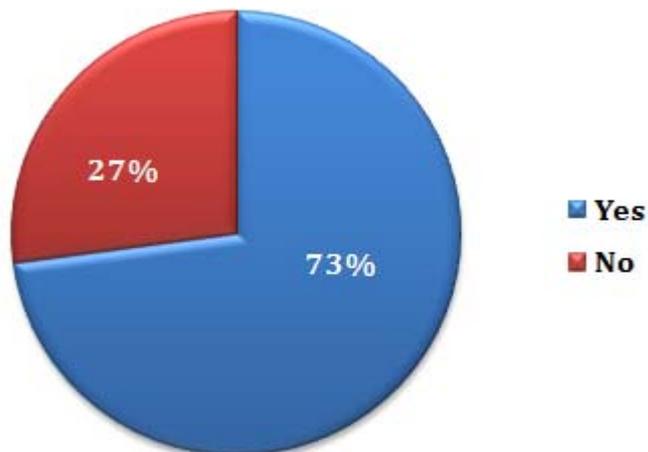
7. Was there any opportunity for small group work?
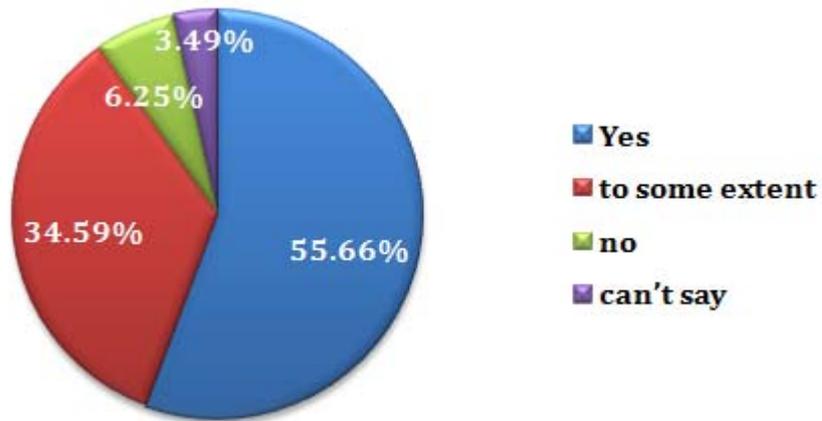
8. Were outside experts invited to address you?
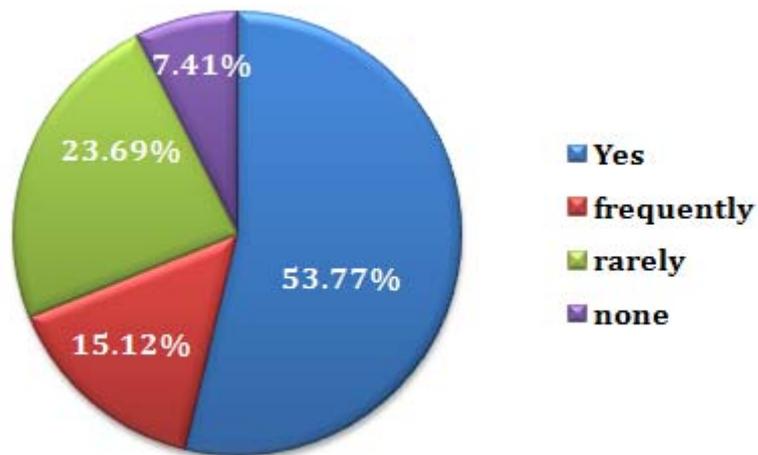
9. Did you visit industries, laboratories and any other Universities?
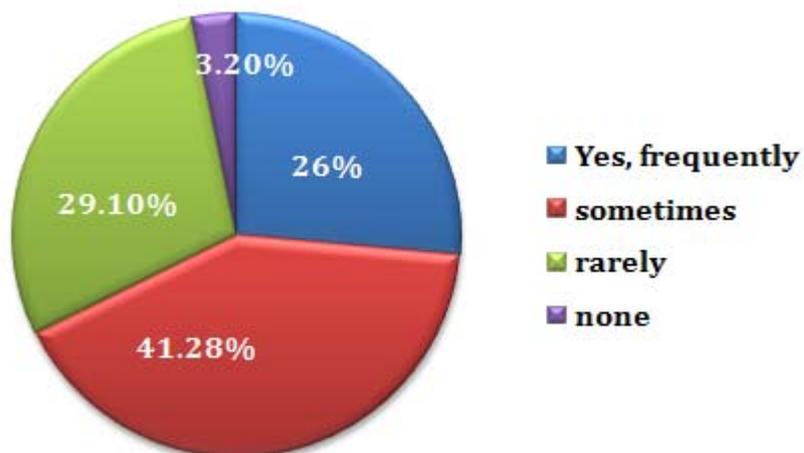
OBSERVATIONS:

1. **Most of the students are attending the classes with full interest, to gain knowledge and to study the subjects and a very few students are attending by compulsion (attendance)**

2. **As per student's feedback, most of the teachers are very interactive, motivating the students, and they are having very depth knowledge. And some of the junior faculty members are handling the classes only in theoretical manner and not discussing with practical examples**

3. **Only 50% of the students are supporting for group work and team work in the departments. It can be improved by assigning more team work tasks.**

4. **For visiting other industries, laboratories, and other universities, only 40% of the students have shown interest.**

10*. Experience of Students in the Teaching Learning Process in the Campus*
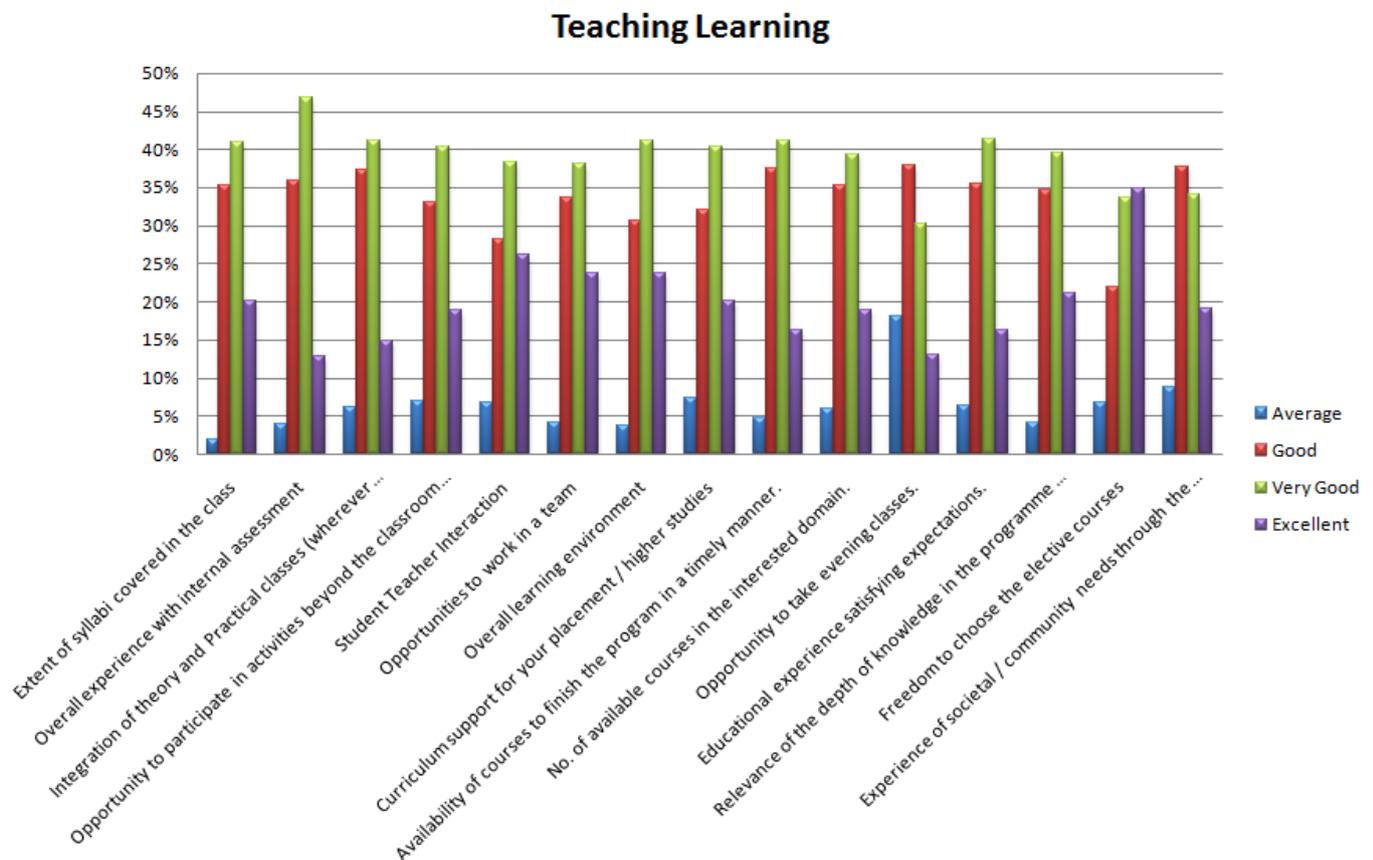
COLLEGE AND ADMINISTRATIVE INFRASTRUCTURE AND SUPPORT

.
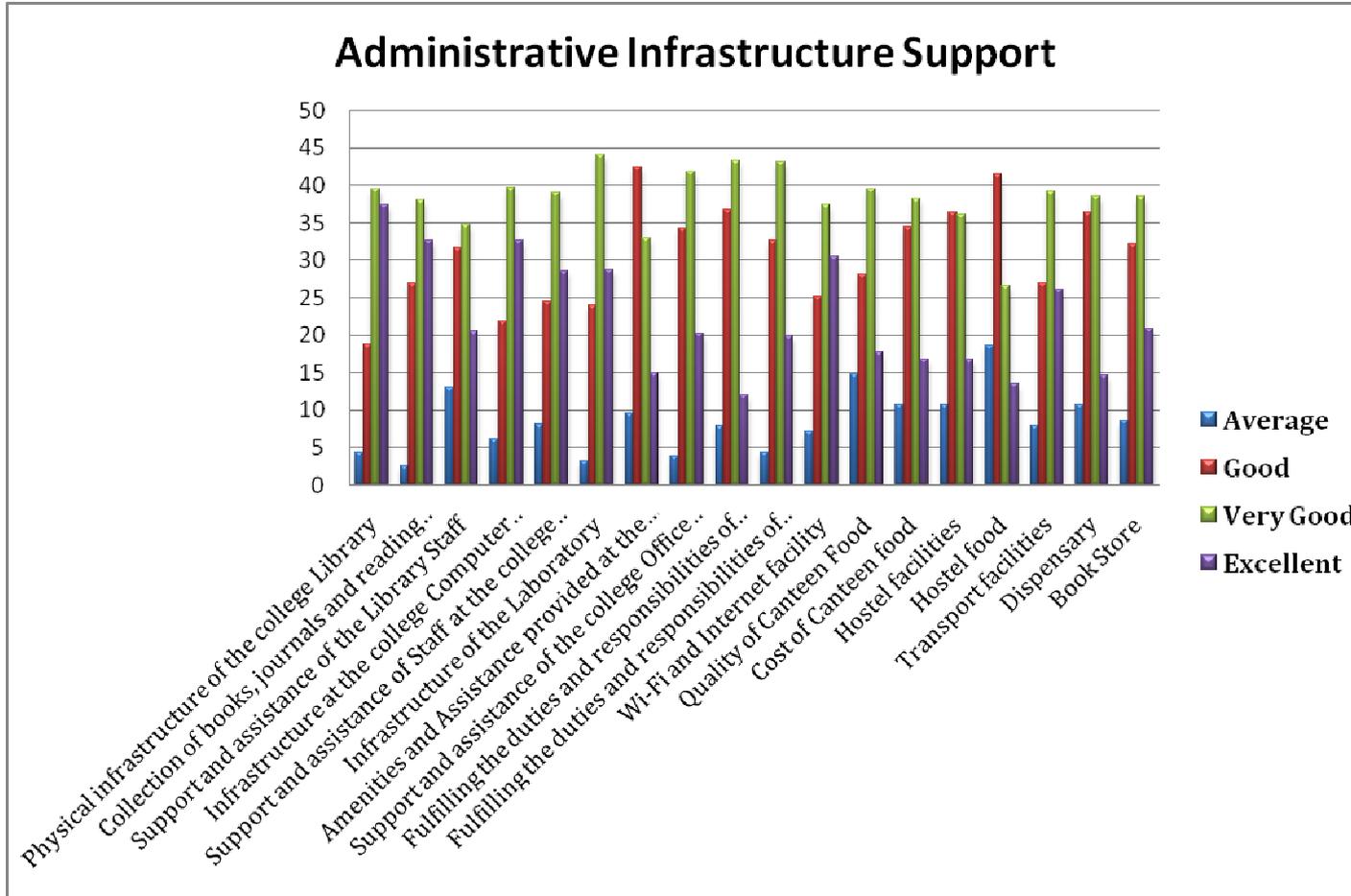
OBSERVATIONS:

1. **For teaching learning and for college administrative infrastructure support, the students have gone with the decision of Very good.**

EXTRA CURRICULAR ACTIVITIES

1. Do you take part in any sports activity at the college?
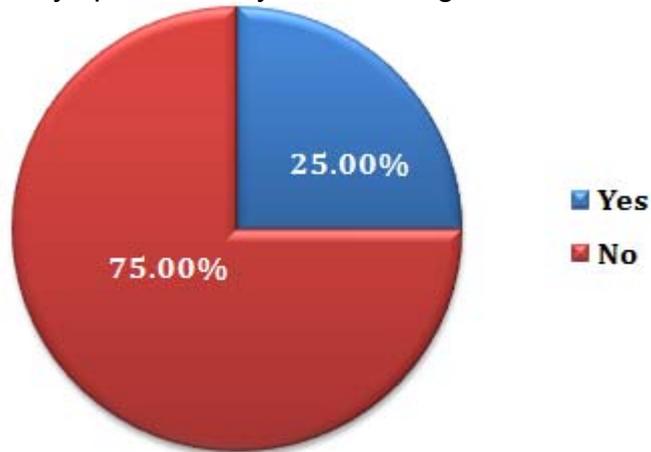
2. The sport facility in the college is used by you as:
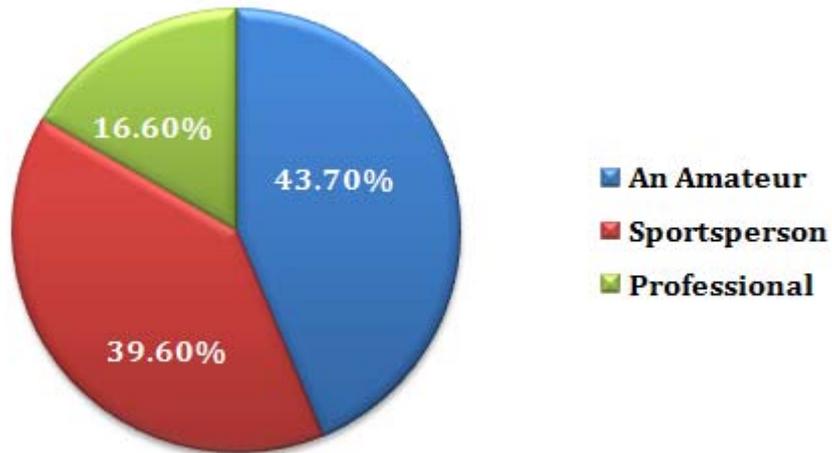
3. Are you satisfied with the equipment, amenities, and assistance available and provided for your practice and training sessions for these activities?
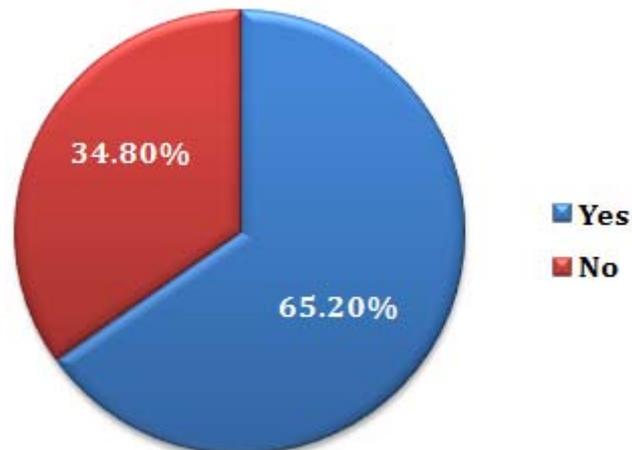
4. Do you take part in any Extra Curricular Activities (ECA) in the College?
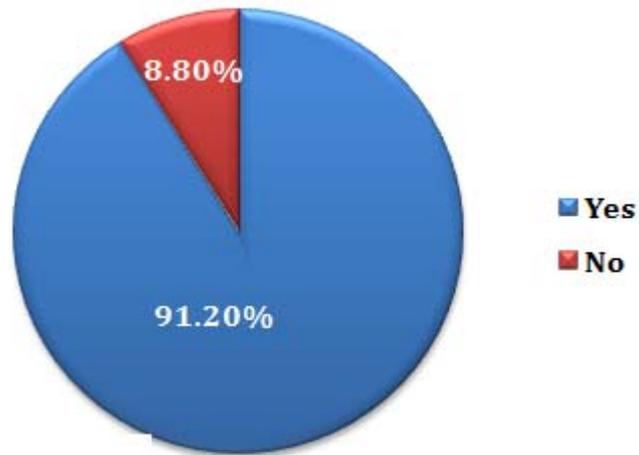
If yes, please specify the activity:
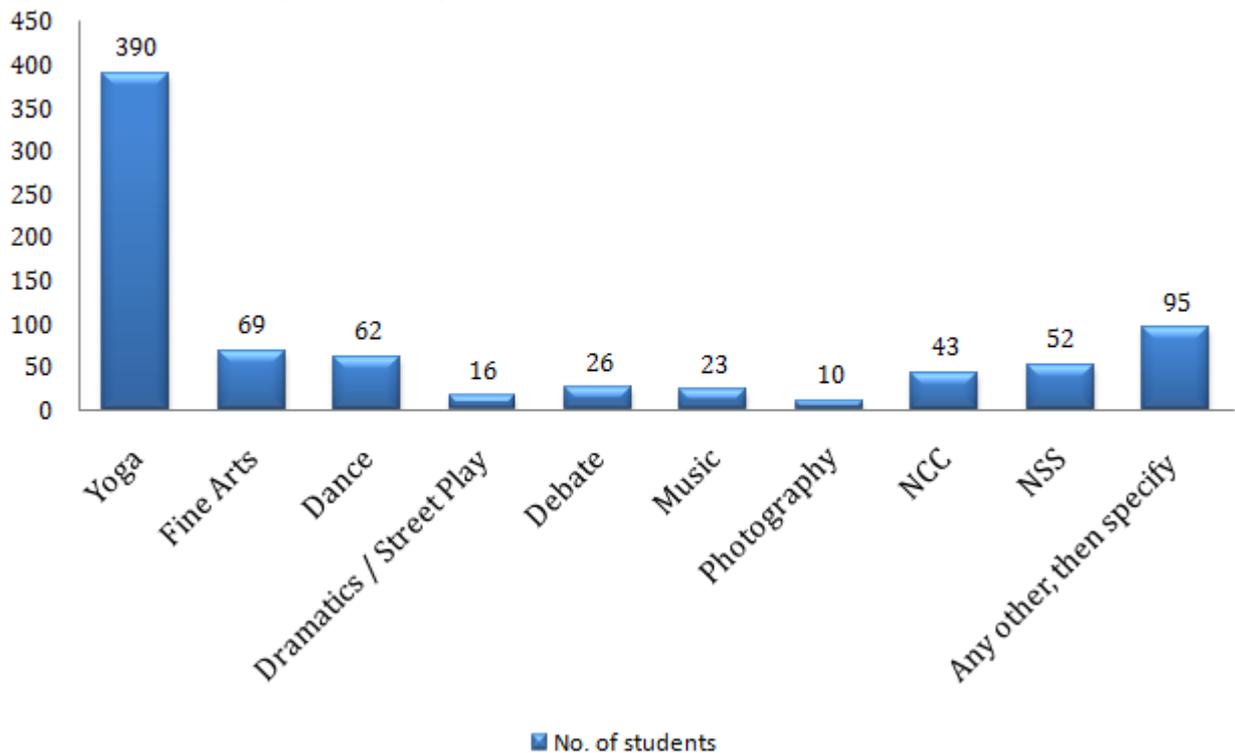
5. Are the practice sessions for the above activities organized regularly?
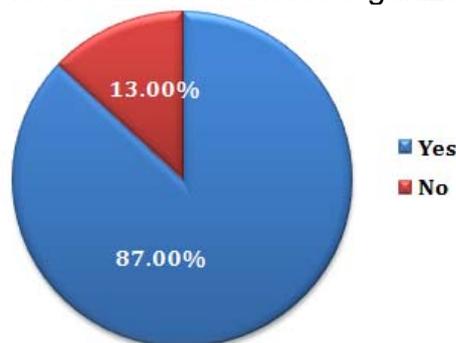
6. Are you satisfied with the amenities, and assistance available at the college for these ECA activities?
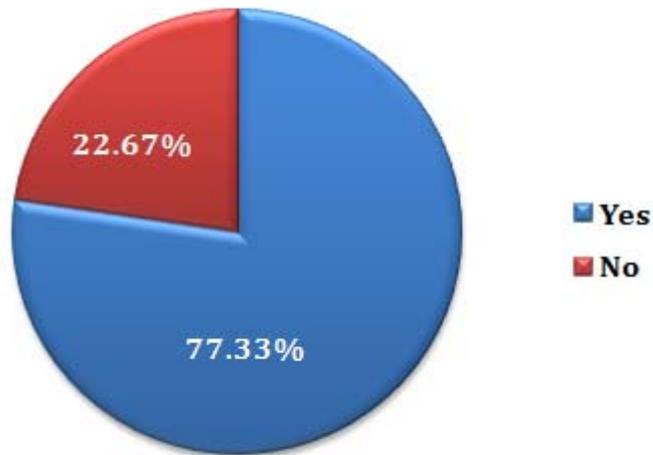
7. Are you involved in organizing any of these activities?
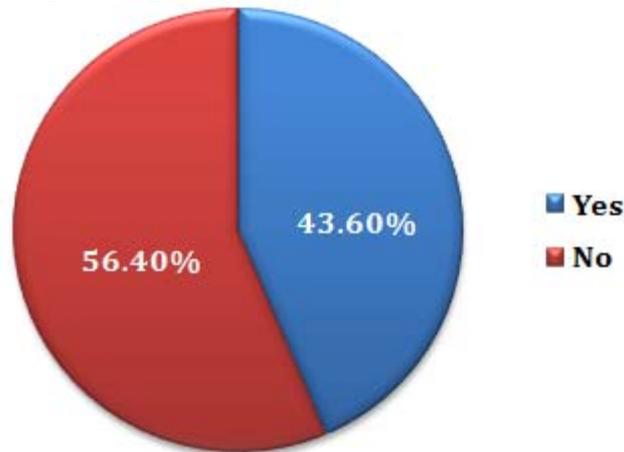
8. Do you participate in activities of **NCC**, **NSS**, **WDC**, **ECO-CLUB**, organized in the college campus?
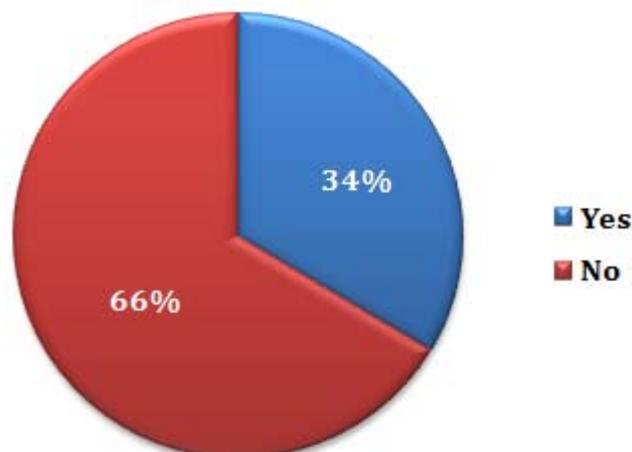
9. Have you been a part of the Organizing team of any of these activities and their events?
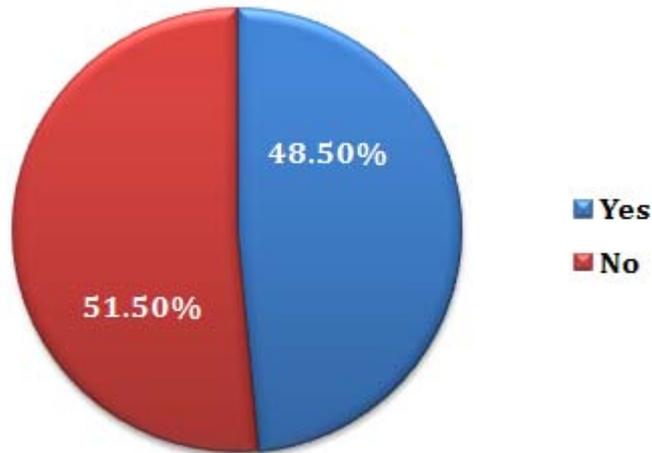
10. Have you won prizes and awards for winning competitions organized under the Cultural Events and other activities?
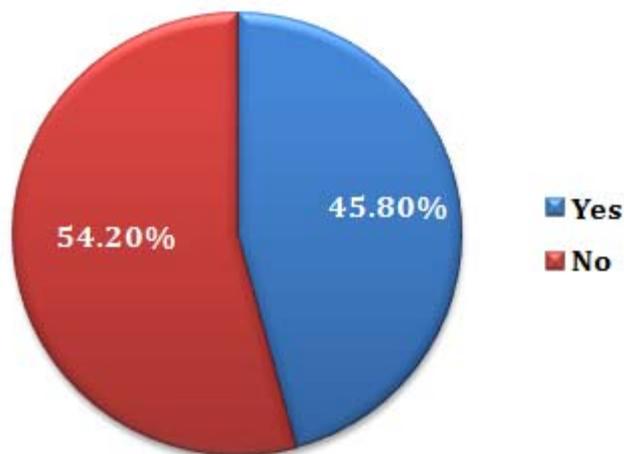
11. Do you think such Cultural Events and Activities are useful and add to the all round development of the students of the college?
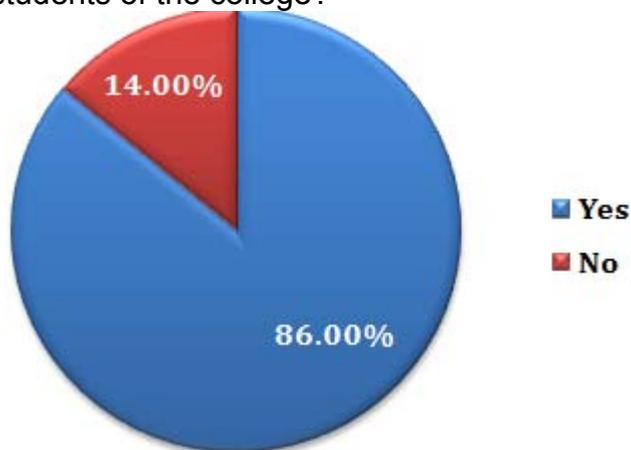
12. Are you encouraged to participate the inter-college events like symposium/ workshop/ conference/seminar/project exhibitions/ competitions?
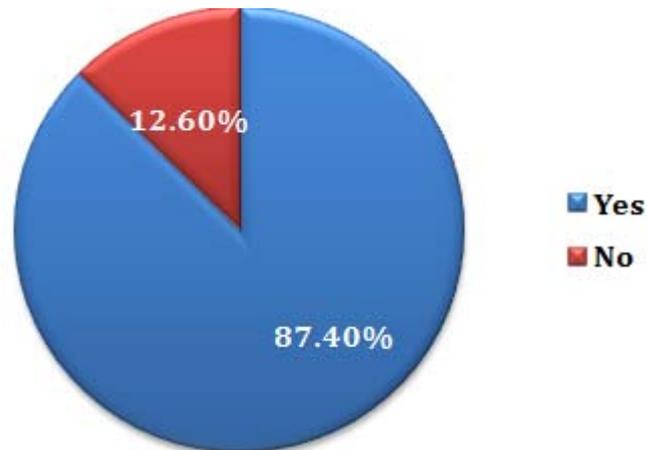
13. Have you participated in inter-college symposium / workshop / conference / seminar?
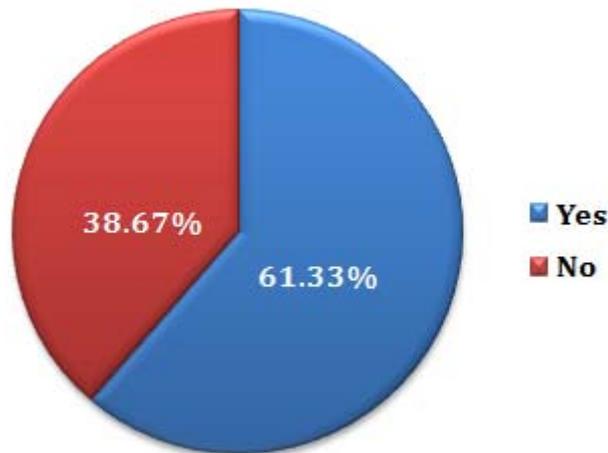
14. Have you participated in inter-college competitions?
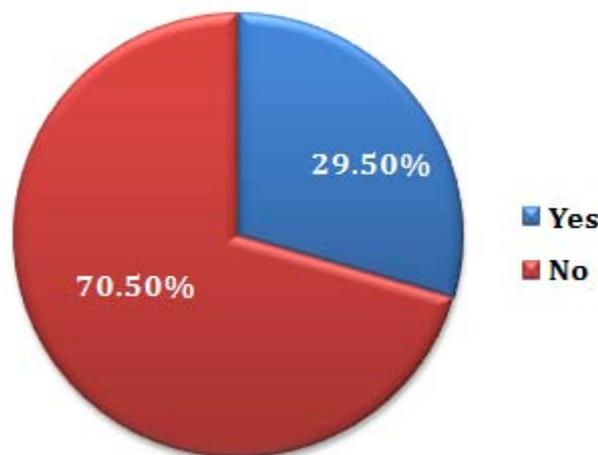
15. Are your opinions / views asked / incorporated in the college activities?
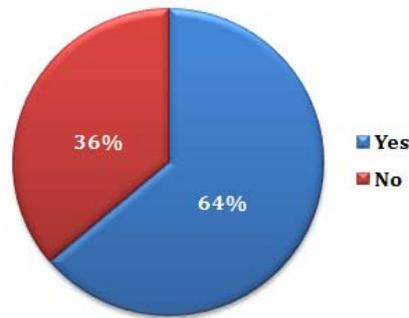
OBSERVATIONS:

1. **Only 75% of the students actively participated in sports activities, this can be further improved by increasing the sports activities in the campus and encouraging the students.**

2. **Among the 75 % of the students, 65% of students have satisfied with the equipments and amenities provided for sports and remaining 35% students were not satisfied by the facilities.**

3. **As far as the extracurricular activities are concerned, only 55 % students have organized the events and the remaining were merely participants.**

PLACEMENT AND ENTREPRENEUR DEVELOPMENT TRAININGS

1. Have you been provided adequate training programs by placement cell?
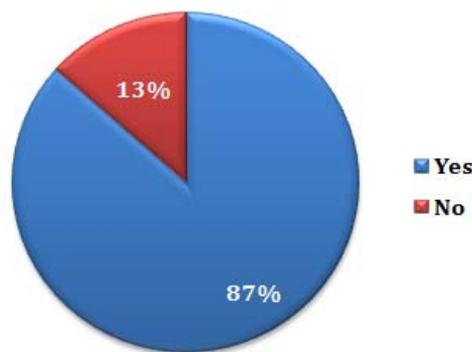
2. Are you placed in any company?
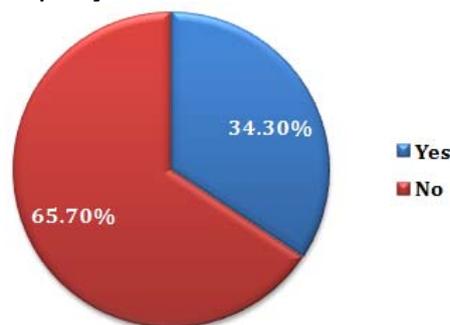
3. At what level the training programs helped for your placement?
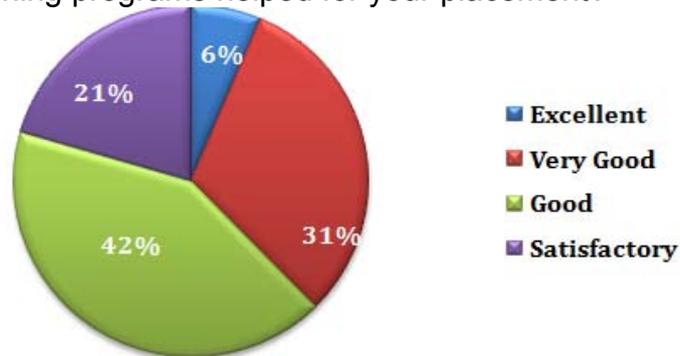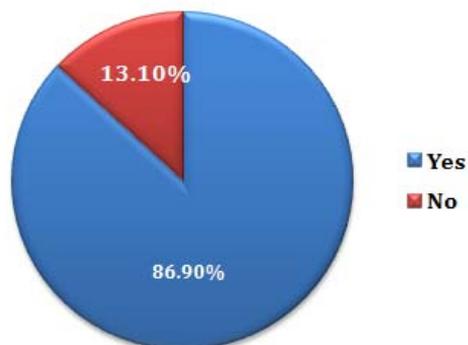

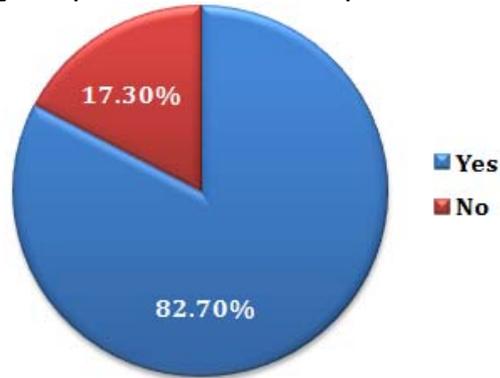4. Have you been provided sufficient entrepreneur training programs?
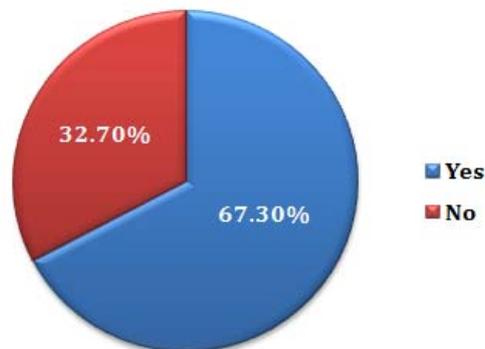
5. Are you satisfied with the motivations and training towards entrepreneurship? (√) tick
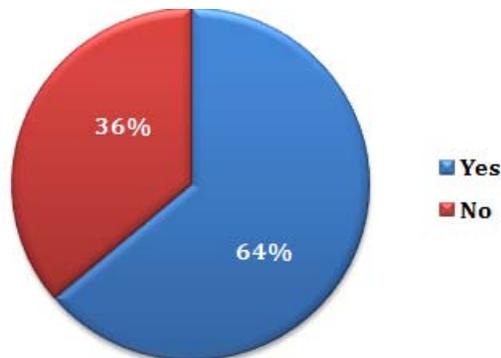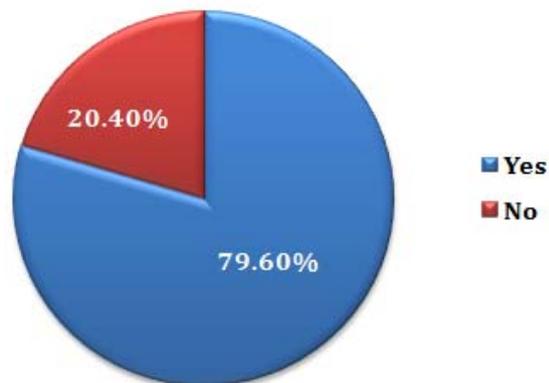

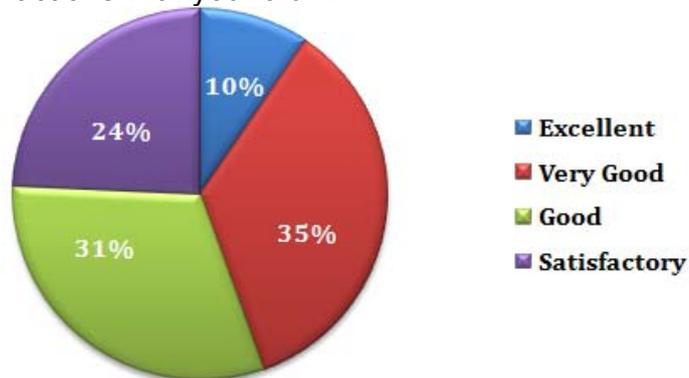6. Do you have good communication ability?

7. Has the college provided good practices for the improvement of communication?
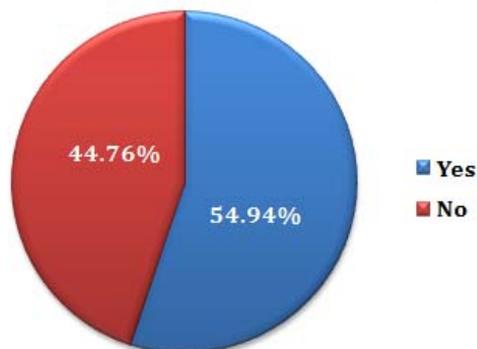

8. Did the Alumni Association take part in your placement activities?

9. Rate the level of interactions with your alumni:

10. Are the distinguished alumni visiting the campus frequently?

OBSERVATIONS:

1. **64% of the students have satisfied with the training provided towards entrepreneurship.**

2. **20% of students were not satisfied with the trainings provided for placement.**

General Suggestions given by the students

1. **Students were given training to meet the requirements of software companies, due importance may be given for core companies.**
3. **Mechanical and Civil engineering students suggested to bring core companies with satisfactory salary package.**
4. **Training and Placement may be arranged for students who could not cope up with the regular academics.**
5. **Canteens can be modernized.**
6. **Permission for Industrial Visit can be granted for more number of days. (more than 2 day)**
7. **Targets can be fixed for sports activities to make all the students to participate actively in sports.**