Annual Quality Assurance Report (AQAR)
(2015-16)

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
Nagarbhavi, Bangalore – 560 072.

By

Internal Quality Assurance Cell (IQAC)
A.V.C.College of Engineering
Mannampandal, Mayiladuthurai – 609 305
Nagapattinam District
Tamilnadu

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year | **2015- 2016**

1. Details of the Institution

1.1 Name of the Institution: | **A.V.C. College of Engineering**

1.2 Address Line 1: | **Mannampandal, Mayiladuthurai**

Address Line 2: | **Nagapattinam District, Tamilnadu**

City/Town: | **Mayiladuthurai**

State: | **Tamilnadu**

Pin Code: | **609 305**

Institution e-mail address: | **avcce@avccengg.net**

Contact Nos: | **04364- 227202, 224202**

Name of the Head of the Institution: | **Dr.S.Balasubramanian**

Tel. No. with STD Code: | **04364- 227202,224202**

Mobile: | **09442184362**

Name of the IQAC Co-ordinator: | **Dr.S.Vijayaraj**

Mobile: | **09842940060**

IQAC e-mail address: **naacaqar@avccengg.net**

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*

                  OR

1.4 **NAAC Executive Committee No. & Date:**   **EC/62/A&A/034 dt.5-1-2013**

       (For Example EC/32/A&A/143 dated 3-5-2004.
       This EC no. is available in the right corner- bottom
       of your institution's Accreditation Certificate)

1.5 Website address: **www.avccengg.net**

      Web-link of the AQAR: http://www.avccengg.net/downloads/AQAR2016.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	**1ˢᵗ Cycle**	**B**	**2.73**	**2013**	**2013-2018**

1.7 Date of Establishment of IQAC: DD/MM/YYYY   **16/05/2013**

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

    i. **AQAR 2012-13 Submitted on 07-11-2013**
    ii. **AQAR 2013-14 Submitted on 22-12-2014**
    iii. **AQAR 2014-15 Submitted on 23-12-2015**

1.9 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 │ √ │

1.10 Type of Faculty/Programme

Arts │ - │   Science │ √ │   Commerce │ - │   Law PEI (Phys Edu) │ - │

TEI (Edu) │ - │   Engineering │ √ │   Health Science │ - │   Management │ √ │

Others   (Specify) | - |

1.11 Name of the Affiliating University   **Anna University, Chennai**

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

Autonomy by State/Central Govt. / 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	-

Three departments namely, Mechanical Engineering, Computer Applications and Chemistry have been recognized as a Research Centres by the Affiliated University (Anna University-Chennai.)

2. IQAC Composition and Activities

2.1 No. of Teachers

5

2.2 No. of Administrative/Technical staff

2

2.3 No. of students

1

2.4 No. of Management representatives

2

2.5 No. of Alumni

1

2. 6 No. of any other stakeholder and community representatives

1

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

1

2.9 Total No. of members

14

2.10 No. of IQAC meetings held

4

2.11 No. of meetings with various stakeholders: No. | 4 | Faculty | √ |

Non-Teaching Staff | - | Students | √ | Alumni | √ | Others | √ |

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

If yes, mention the amount [-]

2.13 Seminars and Conferences (only quality related)

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

Total Nos. [1] International [-] National [-] State [-] Institution Level [√]

(ii) Themes

> IQAC organized an education programme on the topic of "Invester Awareness Programme – What's your Number" on 28-05-2016. Thiru. Chokkalingam Palaniappan, Director, Prakala Wealth Management, Chennai and Thiru. S. Haresh, Regional Head, Sales & Distribution, ICICI Prudential Mutual Fund, Tamilnadu & Kerala have acted as resource persons. Totally 84 members representing all the departments have attended and got benefited through this programme. The trainer covered various investment opportunities and wealth management techniques for our faculties and supporting staff members.

2.14 Significant Activities and contributions made by IQAC

1. To give due weightage for NAAC criteria, IQAC recommends to designate criterion-wise coordinators in each departments.

2. IQAC contributes innovative remedial mechanisms for the slow learners and also emphasized the need of "Activity Based Learning System" for the slow learners.

3. IQAC promotes the research attitude of Institution by recommending the practices such as of UG/PG project outcomes as inter-disciplinary publications, offering consultancy services by the expert faculty members with a special focus on "Environment & Society", encouraging faculty members to write and submit proposals with inter-disciplinary focus for getting extra-mural funds.

4. IQAC recommends research funding by the institution for Rs.1,00,000 to do intramural research projects under AVCCE-RPS scheme which can availed by the faculty members and students.

5. Monitoring the effective implementation of Programme Educational Objectives, Programme Outcomes, Course Objectives and Course Outcomes as per the accreditation standards.

6. Proposed a plan of action for the academic 2016-17 under two folds namely (i) Academic/Research (ii) Inception & Establishment of new cells/Centres/Schemes.

7. Conduct of additional faculty refreshment programme with various leadership themes.

2.15 Plan of Action by IQAC/Outcome

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

S.No	Plan of Action	Achievements
1.	Department Level more academic and co-curricular programmes are to be hosted with a specific attention for female students.	More than 25 programmes were arranged through various departments with a specific focus of improving the employability of female students' by imparting technical and soft skills.
2.	Inception of 'Programme Advisory Committee' in all Departments.	All the departments have formed their 'Programme Advisory Committee'
3.	Conduct of Training Programmes for the success in certification examinations.	Nine programmes have been conducted by various departments for certificate examinations.
4.	Intranet facilities for placement services.	In the 'Classle Cloud Campus' digital learning and teaching portal, login was created for all the students to access placement related course materials and subject course materials uploaded by the Institution in the above portal.
5.	Conduct of minimum of two Alumni Guest Lectures per semester in each department. (Alumni, who are working in the strategic level, are to be invited as resource persons for such programmes)	Each department have conducted atleast two alumni guest lectures.
6.	Formation of Eco-Club to conduct Institutional environmental audit, environmental awareness programmes.	Initiations are underway.
7.	Periodical conduct of 'Research Progress Meeting' for monitoring the progress of Ph.D. work of the faculty members.	Research progress of Ph.D. work of faculty members were assessed and documented.
8.	Working/obtaining the 12(B) and 2f status for the Institution.	Under progress.
9.	Reformation in the publication incentive procedure followed.	New procedure has been laid down for the publications incentive.
10.	In-house software development by the students for the Institutional	In-house software was created for transport process and examination cell by the students namely Transport

	automation.	System for an Educational Institution and Automation System for Examination respectively.
11.	Organization of IQAC file system under 43 files as recommended by the UGC.	Done
12.	Establishment of well maintained IQAC office with/without grant-in-aid.	IQAC office was established with Institutional funding.
13.	Completion of departmental and Institution's presentations, Institutional and Programme specific file -system as per the system of NBA accreditation.	Completed
14.	Conduct of programme-wise mock visit by experts for the system of NBA.	Completed
15.	To furnish the set of revised slots for the conduct of NBA peer team visit.	Set of revised slots were applied.
16.	Inception of domain-specific, technically recognized students chapters in EEE, ICE, ECE and MBA departments for strengthening student learning initiatives.	A new IEI (Electrical) student chapter was inaugurated for EEE and ICE departments and IETE Students chapter was inaugurated for ECE department.
17.	Conduct of 'HR Summit' to have strong rapport / harmony with Industry.	Regularly HR summit is arranged by ICT Academy of Tamilnadu where our placement officer and faculty members attend the summit. This provides an opportunity for our staff members interact with HR professionals from the industries.
18.	Organization of Job Oriented HR programmes at Department level.	Nine interaction programmes with HR/ Managerial professionals from industries were arranged for the final year students.
19.	To putforth placement openings and recruitment information of Tier-I & Tier-II companies in Institutional website.	Placement opening details were hosted in our college website regularly by the department placement committee.
20.	Preparation & Submission of project proposals to the organizations such as DST, DRDO, ICMR and DBT in addition to AICTE.	A Project proposal was submitted to ICMR for funding. Few more proposals are under processing for funding.
21.	To organize visits of "Chief Scientific Officers" of Funding Agencies to the	Chief Scientific Officer Dr.P.Ganeshkumar MD, Scientist 'C',

	campus.	National Institute of Epidemiology (NIE), Indian Council for Medical Research (ICMR), Chennai had conducted a seminar programme on "Inter-disciplinary Research Avenues in Informatics".
22.	Increase in pass percentage and University rank holders.	Pass percentage has been increased by more than four percentage and University rank holder's number has been increased from 22 to 29 compared to previous academic year.
23.	Provision of supplementary issues of magazines such as 'Hindu' and others for improving Students communications and learning ability.	'The Hindu' daily has been issued to hostel students regularly.
24.	Possibilities for the provision of hours in Time-Table for the innovative purposes in addition to the existing placement/ Library/ Internet hours.	Separate hours were allotted in the regular time-table for the Personality Development and Library/Internet.
25.	Exploring the possibility of conducting "Workshop Week" (A week exclusively designated for the workshop) by all the departments.	Ten Workshops were conducted by various departments on different areas in phased manner.

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

Management √   Syndicate ☐   Any other body √

Provide the details of the action taken

> AQAR was placed for discussion and ratified in the meeting of Board of Management. The above tasks were discussed and approved in last year IQAC meeting. For each task, a task in-charge was assigned. Different faculty members who made arrangements for achieving the task yielded the successful outcome of the task.

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
Ph.D.	3	-	3*	-
PG	6	-	6	-
UG	7	-	7	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	16	-	16	-

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

  * Collaborative Research Programmes with Anna University

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 [√]

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

   The Feedback with respect to Students, Parents and Employers are enclosed as Annexures.

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

- The curriculum of Engineering & Technology, MCA Programmes have been revised by the affiliated University during the academic year 2013-14.
- As per the curriculum, every programme has been designed with the following components:
    i)   Programme Educational Objectives (PEO)
    ii) Graduate Attributes (GA)
    iii) Programme Outcome (PO)
- The courses of the respective programme have been designed with the following:
    i)   Course Objectives
    ii) Course Outcomes (CO)
- The pedagogy has been revamped on the basis of the above standards.

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

Department of Chemistry has been recognized as a research centre for doing Ph.D. (full-time / part-time) and M.S. by Research by Anna University, Chennai from May 2016.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
158	133	17	8	-

2.2 No. of permanent faculty with Ph.D.   16

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
12	-	-	-	-	-	-	-	-	-

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

2.5. Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	04	80	57
Presented papers	33	12	-
Resource Persons	-	15	37

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

- Departments regularly permit the students for In-plant training and Industrial visits to acquire Industrial knowledge and State-of-the-Art exposure.
- Maximizing the learning experience through online web seminar.
- Every department is publishing newsletter that inculcates the students to aware about new learning domains in their respective area.
- Faculty members have been encouraged to attend workshop, seminar, FDP, conferences, etc., for enriching their teaching ability.

- Application development and case-study based discussions are adapted for the applicable courses to explore the learning potential.

- Workshops, seminars on thrust areas are organized in departments through experts from Industry.

- Short term certificate courses on latest technologies are offered to the students.

- Apptitude trainings are offered to the students as part of teaching-learning process for improving their placement.

- A system of mentor/mentee is in practice that facilitates the removal of barriers in teaching-learning process, and individual attention has been paid by the mentor for their assigned students.

- Motivating faculty members for submitting their research proposals as major, minor research projects to various funding agencies and intramural research fund by management. The theme of the proposal is also discussed with the students, thereby the learning ability of the students has been enriched towards research excellence.

- Choosing the elective course with a focus of more practical exposure leads the students to learn more real-time problems with solutions.

- Organizing Communication-Skill Development programme for students to provide communication skills.

- Refresher courses and bridge courses are conducted for first year and lateral entry students for the smooth academic transition towards Engineering pedagogy.

- Besides conducting two Continuous Internal Assessment test and one Model examination per semester, the '*first-hour class test*' has been practiced for improving the academic results of the students.

- Faculty members have been permitted to undergo Faculty Development Programme (FDP) for acquiring subject exposure, thereby the process of teaching-learning has been strengthened.

- NPTEL materials, which contain video lectures given by "*Institute of National Importance*", are provided for student access in the Library.

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

| 180 |

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

The following sorts of reformations are under practice:

i) "Daily class test" has been conducted during the first hour of the day. The time table for the above test has been approved by head of the department and forwarded to the principal. The regular conduct of the test has been ensured by the HOD and the marks obtained in the daily class test are also accounted while calculating the internal marks of the students.

ii) As per the University norms, the photocopy of the answer script can be obtained by the students for the purpose of revaluation. The received answerscript is evaluated by the faculty expert and submitted by the students for revaluation.

iii) If the student does not feel satisfied with the result of revaluation, the University offers "Challenge option", which can be initiated by a student.

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

6	-	-

2.10. Average percentage of attendance of students

91%

2.11. Course/Programme wise Distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E. (Mech.)	73	1.37	60.27	21.92	-	83.56
B.E. (CSE)	71	2.81	78.87	11.26	-	92.14
B.E. (ECE)	72	8.33	56.94	19.44	-	84.72
B.E. (ICE)	54	3.7	62.96	9.26	-	75.92
B.Tech. (IT)	65	-	69.23	12.31	-	81.5
B.E. (Civil)	72	8.33	70.83	12.5	-	91.66
B.E. (EEE)	71	-	60.56	18.31	-	78.87

M.E. (Energy Engineering)	14	21.42	71.42	7.14	-	100
M.E. (CSE)	19	47.36	52.64	-	-	100
M.E. (Applied Electronics)	14	21.42	71.42	7.14	-	100
MBA	30	3	83.3	-	-	86.7
MCA	68	64.71	35.29	-	-	100
M.Sc. (Software Engineering)	12	8.3	33.3	-	-	42

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

IQAC contributed the following guidelines for evaluating and monitoring the teaching-learning process:

- Preparation of well-framed academic planner for ensuring the smooth conduct of academic activities.

- Adaptation of "Case-Study" based teaching methodology in the applicable domains and measures the effectiveness of the same.

- Provision of Question Bank System in department under two streams namely (i) Question banks of previous year, (ii) Question Bank with solved answers.

- Provision of E-Learning resources for the improved success-rate in the examinations.

- Establishing ICT enabled class rooms in all the departments.

- Enhancement of UG/PG project outcomes as publications.

- Introducing Innovative remedial mechanism for the failure students with more involvement by the faculty members with the pedagogy namely "Activity based learning system" for slow learners.

- In CIA and Model examination, two sets of question paper are prepared by question paper setter and out of which one will be randomly selected on the day of examination and another one will be used for conducting examination for absentees.

- Provision for retest for the students absent for the class test and CIA tests with proper approval process in place.

2.13. Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	65
UGC – Faculty Improvement Programme	4
HRD programmes	-
Orientation programmes	12
Faculty exchange programme	-
Staff training conducted by the university	22
Staff training conducted by other institutions	39
Summer / Winter schools, Workshops, etc.	122
Others	32

2.14. Details of Administrative and Technical staff office

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	71	12	12	-
Technical Staff	65	4	4	-

Criterion – III

3. Research, Consultancy and Extension

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

> The following initiatives have been suggested by IQAC for sensitising and promoting research climate in the Institution.
>
> - Establishing of "Collaborative Research Initiations" with reputed Institutions through joint research activities.
>
> - Setting-up "Research Committee" for creating awareness and sensitizing thrust areas.
>
> - Conducting research symposium and workshops for faculty members and students in advanced areas.
>
> - Conducting research seminars twice in a year and encouragement towards filing patents.
>
> - "Best Research Paper Award" for the paper publications by the students in reputed journals.

3.2. Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	1	-	-
Outlay in Rs. Lakhs	-	24,75,000	-	-

3.3. Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	-	-	27
Outlay in Rs. Lakhs	15,000	-	-	2,02,500

3.4. Details on research publications

	International	National	Others
Peer Review Journals	38	-	-
Non-Peer Review Journals	45	8	-
e-Journals	11	-	-
Conference proceedings	60	16	-

3.5. Details on Impact factor of publications:

Range $\boxed{0.11 - 4.29}$ Average $\boxed{2.19}$ h-index $\boxed{15}$ Nos. in SCOPUS $\boxed{17}$

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

	Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects					
1.	Characterization of dual fuel diesel engine with Syngas obtained from fluidized bed gasification of garden waste with oil gas washing (OLGA) Process using Jatropha methyl ester and multi walled carbon nanotube (MWCNT) for tar removal.	2013-16	AICTE	24,80,000	23,86,667
Interdisciplinary Projects		-	-	-	-
Industry sponsored		-	-	-	-
Projects sponsored by the University/ College		2015-16	A.V.C. College of Engineering	18,000	18,000
Students research projects *(other than compulsory by the University)*					
Any other (Specify)		-	-	-	-
Total		-	-	24,98,000	24,04,667

3.7. No. of books published i) With ISBN No. $\boxed{19}$ Chapters in Edited Books $\boxed{-}$

ii) Without ISBN No. $\boxed{7}$

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) [1*]

* Computer Society of India Student Chapter– 1

3.10. Revenue generated through consultancy   Rs. 7,54,250

3.11. No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	2	-	-	-
Sponsoring agencies	-	Institution	-	-	-

3.12. No. of faculty served as experts, chairpersons or resource persons   45

3.13. No. of collaborations   International [01]   National [10]   Any other [-]

3.14. No. of linkages created during this year   6

3.15. Total budget for research for current year in lakhs:

From Funding agency [-]   From Management of University/College [8,70,000]

Total [8,70,000]

3.16. No. of patents received this year

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

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

Total	International	National	State	University	Dist	College
-	16	6	-	-	2	-

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

4

and students registered under them

16

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

-

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

JRF — SRF — Project Fellows — Any other —

3.21. No. of students Participated in NSS events:

University level — State level 200

National level — International level —

3.22. No. of students participated in NCC events:

University level — State level —

National level — International level —

3.23. No. of Awards won in NSS:

University level — State level 1

National level — International level —

3.24. No. of Awards won in NCC:

University level — State level —

National level — International level —

3.25. No. of Extension activities organized

University forum [-]   College forum [4]

NCC [-]   NSS [14]   Any other [ ]

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

As Institutional - social responsibility, the following extension activities have been carried out by the various service societies of the Institution:

S.No	Name of the Service Society	Nature of Extension Activity	Date and Duration	Number of Volunteers
1	NSS	International Yoga day Program	One day 21.06.2015	100
2	NSS	Blood donation camp	One day 07.07.2015	100
3	Students	Blood Group Identification camp with Kali blood Bank, Thanjavur	One day 02.09.15	63
4	NSS	Campus cleaning programme	One day 19.09.2015	100
5	NSS	Fire & Safety programme	One day 21.09.2015	100
6	NSS	Blood donation camp	One day 05.10.2015	100
7	NSS	National postal week day celebrations	Two days 06.10.2015 to 07.10.2015	100
8	Students	First Aid & Road safety programme	One day 10.10.2015	213
9	NSS	Dr.A.P.J.Abdul Kalam birthday celebration	One day 15.10.2015	100
10	NSS	Sardhar Vallabhbhai Patel birthday celebration	One day 31.10.2015	100
11	NSS	Maulana Abul Kalam Azad birthday celebration	One day 27.11.2015	100
12	Students	Earth Saving Awareness Rally programme	One day 31.12.2015	1000

13	NSS	Voters Day Awareness Rally Programme	One day 25.01.2016	100
14	NSS	Campus cleaning programme	Two days 06.02.2016 to 07.02.2016	100
15	NSS	Eye check-up camp	Two day 11.02.2016 to 12.02.2016	200
16	Students	Blood donation camp	One day 18.03.2016	100
17	NSS	Health Camp	One day 10.05.2016	100
18	NSS	World Tree Plantation day	One day 07.07.2016	100

The Youth Red Cross (YRC) activity contributed societal welfare services by organizing various blood donation camps. In the academic year 2015-16, the YRC organized, the following blood donation camps in the Institution campus. In total, 242 units of blood have been donated by the student volunteers for the societal welfare.

S.No	Date	Conducted by	No. of Units
1	07.08.15	Govt. Hospital, Mayiladuthurai	60
2	07.08.15	Thanjavur Medical College Hospital, Thanjavur	94
3	24.03.16	Govt. Hospital , Mayiladuthurai	60
4	24.03.16	Kali Blood Bank, Thanjavur	107
5	Different dates	Donated to the patients – at Government Hospital, Mayiladuthurai	11
		Total Units	**242 units**

From the year 2003 onwards, a total of **4543** units of blood have been donated by students and staff members.

Criterion – IV

4. Infrastructure and Learning Resources

4.1. Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	30.09 acres	-	From Management	30.09 acres
Class rooms	49	-	-do-	49
Laboratories	54	-	-do-	54
Seminar Halls	7	-	-do-	7
No. of important equipments purchased (≥ 1.0 lakh) during the current year.	58	3	-do-	61
Value of the equipment purchased during the year (Rs. in Lakhs)	9,56,32,463	7,88,436	-do-	9,64,97,172
Others	-	59,24,429	-do-	-

4.2. Computerization of administration and library

- Accounting software, pay-bill software, bill-payment software have been developed and installed as part of computerization of administration.
- Implemented RFID cum Bar-coded identity card to all the students & staff members.
- Library has been digitalized with AutoLib software.
- OPen Access Catalogue (OPAC) book search services have been provided to students and faculties.
- Inter Library Loan (ILL) facility through Developing Library Network (DELNET) is available in library.
- E-Journals access like IEEE, ASME, DELNET- IESTC Journals, DELNET-ProQuest-Management Journals are available in library.
- Computers have been provided with high speed Internet connectivity for accessing e-journals, course materials, NPTEL and other on-line educational resources.
- Computerized Student feedback evaluation is adopted in the institution.
- Library Secured with CCTV surveillance.

4.3. Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	42,262	1,20,05,884`	1875	5,44,426	44,137	1,25,50,310
Reference Books	6,707	29,36,289	174	1,34,007	6,881	30,70,296
e-Books	148	1,26,250	-	-	148	1,26,250
Journals	167	9,21,267	-	2,99,509	167	12,20,776
e-Journals	317	9,05,064	-	8,76,462	317	1,781,526
Digital Database	5	1,37,100		-	5	1,37,100
CD & Video	3718	-	66		3,784	-
Others (specify)	-	-	-	-	-	-

4.4. Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	800	644	50 mbps	200 (included in lab computers)	65	10	34	47
Added	-	-	-	-	-	-	-	-
Total	800	644	50 mbps	200 (included in lab computers)	65	10	34	47

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

S.No	Name of the Programme	Branch	Duration	No. of Beneficiaries
1.	Digital India week Celebration	ICTACT – AVCCE Chapter	Two day 06.07.2015 & 07.07.2015	137-Students and Faculty members
2.	Cloud Infrastructure and Services– ONLINE TEST	ICTACT – AVCCE Chapter	One day 10.07.2015	29 Students
3.	Industry Connect -2015	ICTACT – AVCCE Chapter	One day 10.07.2015	300 Students
4.	Banking Financial Services	ICTACT –	17.07.2015	118 Participants

	And Insurance – Online Test	AVCCE Chapter		
5.	Oracle Certified Java Programming	Information Technology	20.07.2015 to 31.07.2015	Students from ICT branch
6.	Piping and pressure vessel design	Mechanical Engineering	One day 24.07.2015	102 Students
7.	Status of Solar Energy in India	ISTE Staff Chapter	One day 01.08.2015	All Staff members
8.	Python	Information Technology	04.08.2015	For Faculty
9.	Recent trends in CAD/CAM/CAE	Mechanical Engineering	One day 06.08.2015	68 Students
10.	Alumni Guest Lecture on Job Openings in SOA technology	Computer Applications	One day 22.08.15	110 Students
11.	Challenges in Job Interviews (Art of Communication)	Electronics and Communication Engineering	One day 25.08.2015	39 Students
12.	Computer Programming	Information Technology	29.08.2015	First year students
13.	Computer Programming	Information Technology	Two days 03.09.2015 & 04.09.2015	External and Internal students
14.	Identity & access management	Information Technology	07.09.2015 FN	IT Students
15.	Softskill Development (Art of Communication)	Electronics and Communication Engineering	One day 11.09.2015	27 Students
16.	Android and Application Development	Computer Science Engineering	One day 11.09.2015	80 Students
17.	Engineers' Day Celebration on "Engineering Challenges for Knowledge Era"	ISTE STAFF CHAPTER	One day 15.09.2015	All Staff Members
18.	One Day Hands-on-Workshop on Exploring the Power of 'C'	Computer Applications	One day 18.09.15	149
19.	Industrial power System	Electrical and Electronics Engineering	One day 18.09.2015	68
20.	Latest Trends in IT and Career Focus	Information Technology	23.09.2015	IT Students
21.	NBA awareness Workshop	Anna University, Guindy.	One day 03.10.2015	1
22.	One day hands-on-Workshop	Computer	One day	96 Participants

	on Big Data Tools: Pig and Hive	Applications	09-10-15	
23.	Inauguration of ENFUSE Students Chapter & Guest lecture on "Energy management & Emerging challenges"	Mechanical Engineering	One day 20.10.2015	96 Students
24.	Effective Teaching and Counseling Techniques (Learn & Teac)	ISTE Staff Chapter	Two Days 30.10.2015 & 31.10.2015	All Staff Members
25.	Anna University Approved FDTP on Soft Computing	Computer Applications	Seven days 30-11-15 To 06-12-15	25 Participants
26.	FDP on "Embedded Systems"	Anna University, MIT Campus, Chennai.	Seven days 30.11.2015 to 01.12.2015 & 16.12.2015 to 20.12.2015	01
27.	CS6021 – Soft Computing"	AVCCE	Seven days 30.11.2015 to 06.12.2015	01
28.	"Renewable Energy for Sustainable Future"	AVCCE	Five days 01.12.2015 to 05.12.2015, 5days	01
29.	Five Day Faculty development programme on Renewable sources of energy	Mechanical Engineering	Five day 01.12.2015 to 05.12.2015	10
30.	Mobile App development Lab	Computer Science Engineering	One day 19.12.15	67 Participants
31.	"Advances in Spectral Domain Analysis	Annamalai University, Chidambaram	Five days 04.01.2016 to 08.01.2016	02
32.	"Mixed Signal Analysis in VLSI Design using ASIC Tools"	Electronics and Communication Engineering	Seven days 18.01.2016 to 24.01.2016	All ECE Staff
33.	"Foundation Skills in Integrated Product Development"	Bharathidasan Inst of Tech, Thiruchirapalli	Five days 19.01.2016 to 23.01.2016	01
34.	Guest Lecture on "Web Services"	Computer Science Engineering	One day 13.02.16	120

35.	Science Fest-Technical Exhibition for Mini Projects	All Departments	One day 20.02.16	All Students
36.	Piping design	Mechanical Engineering	One day 03.03.2016	70 Students
37.	Role of Inter disciplinary Research for Effective Health Care Delivery	Inter Quality Assurance Cell (IQAC) AVCCE	One day 03.03.2016	06
38.	Recent Trends in Non Destructive Test	Mechanical Engineering	One day 08.03.2016	70 Students
39.	Current Technology in IT industry and expectation of IT industry from fresh engineering graduates.	Information Technology	One day 11.03.2016	II, III and IV year IT students
40.	One Day Awareness & Training Programme on "Oracle Certified Professional, Java SE 6 Programmer: 1Z0-851"	Computer Applications	One day 12-03-16	215 Participants
41.	CSI Student Chapter (PG) Guest Lecture on Network Security Issues and its Challenges	Computer Applications	One day 15-03-16	120 Students
42.	Bio Energy – An Insight Into The Techniques and Projects at NIT Trichy.	Mechanical Engineering	One day 18.03.2016	140 Students
43.	3D Printing	Mechanical Engineering	One day 21.03.2016	120 Students
44.	One Day Awareness cum Coaching Programme for TANCET 2016	Computer Applications	Two days 23-03-16 & 24-03-16	81 Participants
45.	Certificate Course on "Java"	Computer Science Engineering	One day 25.03.16	40 Participants
46.	CSI Tamilnadu Student Convention : Guest Lecture " Mobile Application Development	Computer Science Engineering	One day 26.03.2016	180 Students
47.	CSI Tamilnadu Student : State Level Convention	Computer Science Engineering	Two days 26.03.16 to 27.03.16	220 Students

48.	IT infrastructure	Information Technology	One day 28.03.2016	II and III year IT Students
49.	Angular JS and Struts	Information Technology	Two days 01.04.2016 & 02.04.2016	II, III and IV year IT Students
50.	Application of Basic Science in Avionics	Electrical and Electronics Engineering	One day 12.04.2016	68 Students
51.	Two Days FDP on Data Mining & Grid Lab	Computer Science Engineering	Two days 24-05-16 To 25-05-16	40 Participants
52.	Two Days Workshop on "Cryptography & Security Lab"	Computer Science Engineering	Two days 30-05-16 To 31-05-16	43 Participants
53.	"EE6006 - Applied Soft Computing"	MIT,Chennai.	Seven days 09.06.2016 to 15.06.2016	01
54.	"Advances in MATLAB for Engg Applications"	Annamalai University	Fourteen days 30.05.2016 to 12.06.2016	03
55.	"Recent Advances in Process Modeling, Control and Optimization".	Pondicherry Engineering College.	Six days 13.06.2016 to 18.06.2016	02
56.	"IC6501 - Control Systems"	Muthayammal College of Engineering	Seven days 20.06.2016 to 26.06.2016,	01
57.	Piping design	Mechanical Engineering	One day 22.06.2016	70 Students
58.	"Recent Advances in MEMS"	Pondicherry Engineering College.	Six days 27.06.2016 to 02.07.2016	02

4.6. Amount spent on maintenance in lakhs:

i) ICT   19,07,775

ii) Campus Infrastructure and facilities   12,82,421

iii) Equipments   1,95,630

iv) Others   63,35,026

Total: 97,20,852

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC sensitizes the following guidelines for enhancing student support services:

- Provided Question Bank System in department under two streams namely (i) Question bank of previous year, (ii) Question Bank with solved answers.

- Provision of E-Learning resources for the improved success rate in the examination.

- Encourage students to convert their project outcomes as publications.

- Establishing ICT enabled class rooms in all the departments.

- Introducing Innovative remedial mechanism for the failure students with more involvement by the faculty members with the pedagogy namely "Activity based learning system" for slow learners.

- Establishing "Best Research Paper award" for the paper publications by the students in reputed journals.

- Formation of "Toppers Academy" for identifying the creamy layer students who are eligible for specialized training.

- Promotion of "Monthly Students Award Scheme" for the students who achieved excellence in Academic/Sports and others.

- Course materials are provided in the *Cloud* environment.

5.2 Efforts made by the institution for tracking the progression

- Various statutory bodies of the Institution such as Governing Council, Academic Council and HOD Forum headed by the Principal are regularly involved in the tracking student progression.

- Programme Advisory Committee, which comprises Peer academicians, Head & Senior level faculty members for individual departments evaluates the progression of programme offered by the department at regular intervals.

- Mentor-Mentee system (Counselling system) is implemented that made a qualitative difference in the academic performance and instil self-confidence among students. Each faculty member monitors the academic progress of a group of students and guides them to shape their professional career besides dealing with personal issues. The mentors also interact with the parents if necessary.

5.3 (a) Total Number of students

UG	PG	Ph.D.	Others
1925	325	8	-

(b) No. of students outside the state

3

(c) No. of international students

-

Men

No	%
1141	50.53

Women

No	%
1117	49.46

Last Year (2014-15)						This Year (2015-16)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
131	271	1	1905	-	2308	128	269	1	1806	-	2258

Demand ratio | 94.76 | Dropout % | 0.92 |

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

S.No	Name of the Programme	Department	Date and Duration	Number of beneficiaries
1.	Cracking the IAS Examination	Electronics and Communication Engineering	20.08.2015 (One Day)	200
2.	Soft skills training	Instrumentation and Control Engineering	04.09.2015 AN	54
3.	Apptitude training program (Phase -I)	Instrumentation and Control Engineering	17.12.2015 to 19.12.2015	54
4.	Apptitude training program (Phase -II)	Instrumentation and Control Engineering	11.01.2016	54
5.	GATE Examination coaching	Mechanical Engineering	30.01.2016 & 31.01.2016 (Two Days)	45

6.	On Campus Interview	Instrumentation and Control Engineering	12.01.2016	29
7.	Apptitude training program (Phase -II)	Instrumentation and Control Engineering	13.01.2016	54
8.	GATE Examination	Electronics and Communication Engineering	01.02.2016 (One Day)	72
9.	TANCET Examination	Electronics and Communication Engineering	23.03.2016 (One Day)	72
10.	One Day Awareness & Coaching Programme on "TANCET - 2016"	Computer Applications	23.03.2016	81

5.5 No. of students qualified in these examinations

NET $\boxed{-}$ SET/SLET $\boxed{-}$ GATE $\boxed{5}$ CAT $\boxed{-}$

IAS/IPS etc $\boxed{-}$ State PSC $\boxed{1}$ UPSC $\boxed{-}$ Others $\boxed{2*}$

* RRB & AE/TANGEDCO

5.6. Details of student counselling and career guidance

The training and placement cell regularly organizes career guidance programme for the benefit of students. The list of programmes organized and the details of beneficiaries are listed below:

S.No	Name of the Programme & Modules Covered	Details of Resource Person	Date & Duration	Number of Beneficiaries
1.	Student Interaction Programme - Internship	Er. C.Prasath, Chief Architect, Thaw Designers, Coimbatore.	05.08.2015 FN	IV-CIVIL-63
2.	Student Interaction Programme - Basic requirements in Freshers	Dr. K.I.Manirathinam,M.D., Navasakthi Townships Developers, P.Ltd. Pondicherry.	06.08.2015 FN	IV-CIVIL-55
3.	Student Interaction Programme - Areas of Improvement for Civil Engineers	Er. J.R. Ezhil, M.D. A & N Consultancy, Coimbatore.	26.08.2015 FN	IV-CIVIL-58

4.	Corporate Expectation- Students Interaction Programme - Interview tips, Communication Skills, Internship	Mr.Aleem, CEO Unipro Software Solutions, Singapore	31.08.2015 12.30pm- 1.30pm 11.00am- 12.00pm	IVCSE-25 IV-B.Tech(IT)- 49 IIIMCA-58 V Msc.SE-11
5.	Students Interaction Programme - Communication Skills, Soft skills	Ms.Fahimathul kilswar (final MBA)	04/09/2015 02.00pm- 4.30pm	IVCSE-58 IV-EEE-05 IV-ECE-20 IV-B.Tech.(IT)- 12 III-MCA-07
6.	Students Interaction Programme - Communication Skills, Soft skills	Dr.Hema Gopal, Vice President-TCS, Chennai.	29/09/2015 & 11.00am- 12.30pm	IVCSE-19 IV-ECE-10 IV-B.Tech.(IT)- 16 III-MCA-08 V-Msc.SE-04 II-MBA-07
7.	Students Interaction Programme - Apptitude and Training Programme. Computer Programme	Mr.K.Rajkumar (Final CSE)	19.11.2015 to 21.11.2015 9.00am-4.30pm	III-MCA-55
8.	Apptitude and Training Programme - Written Communication, Group Discussion	Mr.K.Krishnamoorthy A/P S & H Department	26.11.2015 to 28.11.2016 9.30am- 11.00pm	III-MCA-51
9.	Apptitude and Training Programme - Written Communication, Group Discussion	Mr. B. Vinoth A2Z Training Institute, Mayiladuthurai.	26.11.2015 to 28.11.2015 11.00am- 4.30pm	III-MCA-51
10.	Pre Placement Training Programe - GD & Communication Skill	Dr.K.Krishnamoorthy A/P S & H Dept. Dr.K.Keerthi A/P, MBA Dept Dr. J. Swaminathan A/P,MBA Dept	30.11.2015 9.00am-4.30pm	II-MBA-22
11.	Apptitude Training Programe - General Apptitude	Mr.B.Vinoth, A2Z Trainer, Mayiladuthurai.	01.12.2015 to 03.12.2015 09.30 am- 01.30pm	IV-EEE-35 IV-ICE-22

12.	Apptitude Training Programe - General Apptitude	Mr.B.Vinoth, A2Z Trainer, Mayiladuthurai.	14.12.2015 to 16.12.2015 09.30 am-01.30 pm	IV-CSE -55 IV-B.Tech.IT - 58
13.	Apptitude Training Programe - General Apptitude	Mr.B.Vinoth, A2Z Trainer, Mayiladuthurai.	17.12.2015 to 19.12.2015 09.30 am-01.30 pm	IV-ICE-36 IV-ECE-40 IV-CIVIL-9
14.	Apptitude Training Programe - General Apptitude	Mr.B.Vinoth, A2Z Trainer, Mayiladuthurai.	11.01.2016 9.30am-2.00pm	IV-ECE-33 III-MCA-58 IV-ICE-20 IV-CIVIL-7 IV-CSE-36 IV-IT-25
15.	Student Interaction Programme - Embedded Systems, Air Navigations, Data Links and VHF Communication Systems in the Sector of Aviation	Mr.Sridhar Eeshwaran, Director Technical Services, Mr.Jai Babu, Mr.EmanuvalMartinZonal Manager M/s. JET NAV Technologies, Bangalore.	04.02.2016 11.00am-12.30pm	IV-ECE-19 IV-ICE-35
16.	Student Interaction Programme - General Apptitude	Mr. M,Barath, HR, Polaris Consulting & Services, Chennai.	12.02.2016 10.30am-04.30pm	IV-ECE-13 IV-CSE-13 IV-ICE-34 IV-EEE-19 IV-IT-19 III-MCA-10
17.	Student Interaction Programme - General Apptitude	Mr. M,Barath, HR, Polaris Consulting & Services, Chennai.	13.02.2016 10.30am	I-MBA-25 II-MBA-27
18.	Apptitude Training Programe - Written Communication & GD	Mr.B.Vinoth, A2Z Trainer, Mayiladuthurai.	29.02.2016 & 01.03.2016 10.00 am-04.00pm	IVCSE-23 IVECE-13 IVICE-09 IVB.TechIT-23 IIIMCA-04 IVMECH-25 IVEEE-06
19.	Apptitude Training Programe - Written Communication & GD	Mr.B.Vinoth, A2Z Trainer, Mayiladuthurai.	02.03.2016 & 03.03.2016 02.00pm-4.30pm	IVMECH-25 IVMECH-49

20.	One day workshop on Basics of ERP and Business Process Automation Using Storyboard ERP	Mr.Ramachandran , CEO VCIDEX SOLUTIONS PVT.LTD. Chennai. (NASSCOM Member)	10.03.2016 & 10.00am-04.30pm	IVCSE-62 IVECE-39 IVICE-05 IVB.TechIT-62 IVMECH-49 IMBA-24
21.	Student Interaction Programme - Interview Techniques, Job Opportunities, Core Sectors	Mr.G.Vignesh Ponnaiah,Managing Director Skill Excellence Just dial	18.03.2016 01.30pm-4.00pm	IVCSE-38 IVECE-28 IVICE-33 IVB.TechIT-32 IVEEE-55 IIMBA-22
22.	Student Interaction Programme	Mr. B.Shankar, Former Vice President, Polaris Consulting & Services, Chennai.	29.03.2016 11.00am-12.30pm	ME (Applied Electronics)-07
23.	Student Interaction Programme	Mr. B.Shankar, Former Vice President, Polaris Consulting & Services, Chennai.	30.03.2016 11.00am-12.30pm 2.30pm-3.15pm 3.45pm-4.30pm	III-MECH (B)-60 I-MBA-25 II-MBA-27 II-MCA-58
24.	Apptitude Training Programme - Communications Skills, Soft Skills, Interview tips,	Mr.B.Vinoth, A2Z Training Center, Mayiladuthurai. Mr.Arun, A2Z Training Center, Ms.Priyanka, A2Z Training Center,	20.06.2016 10.00am-01.00pm	IV-MECH-09 IV-CIVIL-05 IV-ICE-16 IV-ECE-27 IV-CSE-04 IV-EEE-33 III-MCA-13 IV-B.Tech.IT-26
25.	Apptitude Training Programme - Communications Skills, Soft Skills, Interview tips,	Mr.B.Vinoth, A2Z Training Center, Mayiladuthurai. Mr.Arun, A2Z Training Center, Ms.Priyanka, A2Z Training Center,	21.06.2016 10.00am-01.00pm	IV-MECH-33 IV-ECE-28 IV-EEE-32 IV-ICE-12 III-MCA-15 IV-B.Tech.IT-29 IV-CSE-10 IV-CIVIL-21
26.	Apptitude Training Programme - Communications Skills, Soft Skills, Interview tips,	Mr.B.Vinoth, A2Z Training Center, Mayiladuthurai. Mr. Arun, A2Z Training Center,	22.06.2016 10.00am-01.00pm	IV-EEE-28 IV-ECE-31 IV-CIVIL-22 IV-CSE-14 IV-B.Tech.IT-28 IV-MECH-26 IV-ICE-17 III-MCA-08

27.	Apptitude Training Programme - Communications Skills, Soft Skills, Interview tips,	Ms. Tamil Elakia A2Z Training Center, Mayiladuthurai.	23.06.2016 10.00am- 04.30pm	IV-ECE-33 IV-CIVIL-22 IV-CSE-14 IV-B.Tech.IT-26
28.	Apptitude Training Programme - Communications Skills, Soft Skills, Interview tips,	Mr.B.Vinoth, A2Z Training Center, Mayiladuthurai.	23.06.2016 10.00am- 01.00pm	IV-MECH-32 IV-ICE-7 III-MCA-06 IV-EEE-28
29.	Apptitude Training Programme - Communications Skills, Soft Skills, Interview tips,	Mr.B.Vinoth A2Z Training Center, Mayiladuthurai.	24.06.2016 10.00am- 04.30pm	IV-EEE-26 IV-ICE-10 IV-MECH-21 III-MCA-07

No. of students benefitted   434

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
15	377	200	18

5.8. Details of gender sensitization programmes

- As per the AICTE guidelines "Women Empowerment Cell" has been framed in the Institution and it regularly organizes various programmes for students and faculty members.

- During the period from 01/03/2016 to 03/03/2016, series of competitions namely, Poetry, Classical Dance, Mehandhi, Pencil Drawing, Concentration & Surprise Games and Tongue Twister Game have been organised for girl students and for female faculty members. These kinds of opportunities were arranged to show their performance in different talented activities. In total 250 students and 50 faculty members have participated in the contest and 45 of them won various prizes.

- The Women Empowerment Cell celebrated the "World Women's Day" on 08/03/2016 in the institution. Mrs.Usha Balaji, General Manager, Finance and Administration, IA Flow Elements Pvt. Ltd, Chennai has acted as chief guest and delivered a talk on theme "*Education* is one of the most important means of empowering *women*". In addition Mr.R.Balaji, Managing Director, IA Flow Elements Pvt. Ltd, Chennai was invited as guest of honour. In his address he insisted that poverty will be eliminated only through education. During the day, the women achievers of A.V.C. Educational Institutions are also honoured for the outstanding performance in academic, sports and fine-arts.

5.9. Students Activities

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

State/ University level 92   National level 01   International level -

No. of students participated in cultural events

State/ University level 71   National level -   International level -

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

Sports: State/ University level 58   National level 01   International level -

Cultural: State/ University level 10   National level -   International level -

5.10. Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	21	5,00.000
Financial support from government	885	45,77,965
Financial support from other sources	02	80,000
Number of students who received International/ National recognitions	-	-

5.11. Student organised / initiatives

Fairs   : State/ University level [2]   National level [10]   International level [-]

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

5.12. No. of social initiatives undertaken by the students   [9]

5.13. Major grievances of students (if any) redressed: Nil

- Student redressals are addressed in the class committee meetings formed as per the recommendation of affiliated University. The grievances raised by the students have been informed to the respective authorities by the chair person and appropriate actions have been carried out.

- A 'Grievance-Redressal Cell' is functioning in the Institutional level. The grievance-redressal register is available in all the departments for the purpose of recording the grievances. Besides, the active supports contributed by the members of the cell solved the grievances immediately. So far, no major grievance has been raised by the students.

Criterion – VI

6. Governance, Leadership and Management

6.1. State the Vision and Mission of the Institution

Vision

To blossom into a cynosure of technological innovations.

Mission

To participate in the noble cause of Nation building by offering professional education, research and training in Engineering and Technology especially to the rural based students.

6.2. Does the Institution has a management Information System

The Institution is having computerised management information system for performing the following activities:

- A bio-metric authentication entry system for staff and students.
- Billing software and Accounting software packages as part of office automations
- Automation of Students feedback system for the in-house usage.
- Online Public Catalogue services for the provision of automated book search, issue, return and other value added services.
- A software package namely 'Transport management system for educational institution' for transport process.

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

6.3.1. Curriculum Development

- Since, the institution is affiliated under Anna University, the curriculum and syllabi of the affiliated University have been adapted.
- In addition to the syllabus prescribed in Anna University regulations, faculty members regularly offer lectures beyond the syllabus towards imparting core and technical modern concepts relevant to their course.
- As part of curriculum development, students are encouraged to perform mini projects and working models. In-house exhibitions are arranged in order to provide a platform for students to exhibit their technical knowledge.
- "Learning through Practice" is being insisted and implemented with the aid of hands-on workshops.
- Students are encouraged to utilize the open source software framework with their respective domain for solving their curricular exercises.

6.3.2. Teaching and Learning

- Course plans are prepared for every semester by the faculty member of concern and verified by the head of the department at different stages in accordance with syllabus and scheme of examination given by University. Besides, the well standard course material prepared by the faculty members also strengthens teaching- learning process.

- The teaching and learning process is also reviewed by the head of the department and the feedback is communicated to the faculty members of concerned.

- The Class Committee is constituted for each semester as per the norms of affiliated University. It comprises a Chairman (who doesn't handle any course to the class), faculty advisors and 4 to 5 student nominees. Regular class committee meeting has been conducted to record the grievances about teaching-learning process.

- Faculty members have been encouraged to attend Faculty Development Programmes, seminars and workshops for gaining strong knowledge in their field.

- Problem-oriented assignments and case studies have been offered to students as part of teaching-learning process.

- Usage of latest teaching aids which includes LCD projectors and E-Learning resources which help the students to attain the concepts clearly.

- Providing question bank which contains important questions, solved University question papers, answer keys to the students.

- Organizing Communication Skill Development programme for students to promote communication skills.

- Course materials are prepared by the faculty members for their subjects and are uploaded in the 'Classle' cloud environment.

- Certificate courses, workshops, seminars on thrust areas by industry experts are regularly organized.

- NPTEL materials, which contain video lectures which were given by eminent professors are provided for students access in the Laboratory itself.

- Bridge courses are offered to the first year students and lateral students to understand the basics of engineering subjects.

- Students are promoted to develop mini projects based on the Industry-Institute need with special focus given to the society.

- Offering high-end elective papers that suits for the career growth of students.

- GATE awareness coaching programmes are offered to the students to appear for competitive exams.

6.3.3. Examination and Evaluation

- Every semester two Continuous Internal Assessment (CIA) tests along with one model examination are conducted.
- Evaluations are made within three days from the date of exam, the progress of the students is reported to their parents through Short Message Service.
- The Internal Assessment marks obtained by the students are uploaded in the Anna University web portal and the same can be accessed by the students.
- The question papers for Internal Assessment test are prepared as per the guidelines of Bloom's Taxonomy.
- Special attentions are given to the slow learners by offering intensive coaching through remedial classes.
- Daily class test are conducted during the first hour of the day. Besides two CIA tests and one model examination have been conducted for improving students learning attitude.
- Awarding 8 grams Gold coin for University Rank holders by the management.
- Refunding Tuition fees for the University Ist Rank Holders.
- Faculty members have been honoured for 100% result achievement in University examinations.

6.3.4. Research and Development

- Students are encouraged to opt final year projects with research focus and guides are also allotted based on their specialization.
- Publication of project work as conferences paper is mandatory for the PG students.
- Faculty members are encouraged to apply for research funding from various funding agencies like AICTE, DST, MNRE etc.,
- The faculty members pursuing their Ph.D. programme are instructed to setup their experimental work in the institution itself to promote research attitude among students.
- The management of the institution is also offering Rs.1,00,000 for research projects under AVCCE-RPS scheme which can be availed by the faculty members.
- Seminars and workshops have been regularly organized to provide expert lectures.
- Faculty members are motivated to publish their research papers in reputed journals (SCI journals) and a cash incentive is also offered by the management.
- Fifteen days of on-duty leave is offered per semester to the faculty members for pursuing their research activities.
- Separate funds have been allotted in the budget every year for the purpose of procuring research equipments.

6.3.5. Library, ICT and physical infrastructure / instrumentation

- Library has been digitalized.
- OPAC (Book Search) service with ample user interfaces.
- ILL (Delnet) Service.
- E-Journals access like IEEE,ASME, DELNET- IESTC Journals, DELNET- ProQuest-Management Journals.
- Provision of NPTEL materials for the library user.
- Issue of Educational CD/DVD's to the needy people.
- RFID cum Bar-coded Identity card to all the users.
- Reference Book Issue on overnight basis.
- Library proficiency prize to the students towards empowering reading habit.
- Group discussion hall with air-conditioned facility.
- Book Bank scheme for SC/ST students.
- Student feedback evaluation scheme for better service.
- CCTV Camera Surveillance.
- Library Secured with Fire & Smoke Detectors.
- Pest control protection with in the reading Premises.

6.3.6. Human Resource Management

- Timely recruitment of teaching and non-teaching staff by the management in approved / leave vacancies to ensure smooth functioning of the institution.
- The performance of the faculty is assessed yearly through self-appraisal reports and appropriate recommendations are made by the Head of the Department.
- Grievance and Redressal Cell is in active functioning, thereby grievances posted by faculty, staff and students are being immediately solved and appropriate solutions are offered.
- Encompassing moral and spiritual values among the students through ethics classes, yoga & meditation classes, foundation courses and inter-faith dialogue.

6.3.7. Faculty and Staff recruitment

The following procedure has been adapted for faculty and staff recruitment:
- Public Advertisement through National dailies.
- Application scrutiny by the concerned heads.
- Formation of expert committee with the composition of members as recommended by the AICTE & Anna University.
- Expert committee interview for the candidates.
- Issue of appointment letter by the Secretary, Board of Management.

6.3.8. Industry Interaction / Collaboration

- Since, the institution is an academic partner of ICT Academy of Tamilnadu (ICTACT), it establishes a strong industry relationship. The faculty members and students are encouraged to attend seminars, workshops and coaching for competitive examinations.

- Through this forum, various job fairs and HR summits are conducted for the benefit of Institutional partners.

- Besides of existing MOU with BSNL, the department of Electronics and Communication Engineering has signed MOU with 5 other companies.

- Students are also encouraged to undergo internship programmes in leading Industries to gain the Industry exposure.

- HR/ Managerial professionals from industries were invited to interact with final year students.

6.3.9 Admission of Students

B.E. / B.TECH

- 65% of the seats by Government Quota (GQ) admission through Tamilnadu Engineering Admission (TNEA) by the State Government of Tamilnadu.

- 35% of the seats - Management Quota (MQ) filled through Consortium of Self-Financing Professional, Arts and Science Colleges of Tamilnadu.

MBA/ MCA

- 50% of the seats by Government Quota (GQ) admission through Tamilnadu MBA/MCA Common Entrance Test (TANCET) by the State Government of Tamilnadu.

- 50% of the seats - Management Quota (MQ) filled through Common Entrance Test, conducted by Consortium of Self-Financing Professional, Arts and Science Colleges of Tamilnadu.

M.E

- Minimum 35% of the seats filled under Government Quota (GQ) admission through Tamilnadu Engineering Common Admission (TANCA) Test by the State Government of Tamilnadu.

- 65% of the seats - Management Quota (MQ) filled through Common Entrance Test conducted by Consortium of Self-Financing Professional, Arts and Science Colleges of Tamilnadu.

6.4. Welfare schemes for

Teaching	9
Non teaching	7
Students	5

Faculty and Staff Welfare Schemes:

1. Pension scheme with Life Insurance coverage.

2. Interest-Free loan under monthly instalment scheme to faculty members for purchasing desktop/laptops.

3. Reimbursement of medical expenses to the faculty and staff members.

4. Incentives for reputed publications done by the faculty members.

5. Group Insurance to staff member for a sum of Rs.5 lakhs.

6. Registration Fee, TA & DA to faculty members for giving paper presentation in seminar /workshop/ FDP programmes conducted in National/International level. Also, Rs.4,000/- & Rs.2,000/- cash incentives for publications in Anna University recommended Annexure – I & Annexure – II journal respectively.

7. Financial aid for Faculty member pursuing full-time Ph.D.

8. Permission to pursue part-time Ph.D. / PDF with On Duty.

9. CL/PL encashment to staff members on surrendering casual leave and privilege leave.

Student Welfare Schemes:

1. Group insurance scheme to the students.

2. Tuition fee concession to the economically backward students and sports achievers.

3. Gifting 8 gram gold coin for the University rank holders and refunding of tuition fee for the university first rank holder.

4. Cash incentive for the best Under Graduate project.

5. Assisting students for eligible government scholarships.

6. TA and DA to Students representing college in sports and games.

6.5. Total corpus fund generated   Rs. 70, 00,000

6.6. Whether annual financial audit has been done   Yes √   No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	DNV, The Netherland	Yes	Internal ISO Auditing
Administrative	Yes	Charted Accounting Authorities	Yes	Financial Officer

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

For UG Programmes   Yes [ ]   No [√]

For PG Programmes   Yes [ ]   No [√]

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

> The affiliated University formulates the following guidelines as examinations/evaluation reforms:
>
> **Examination:**
>
> - The University examinations (Theory and practical) of 3 hours duration shall ordinarily be conducted during November and December months (odd semester) and also during April and May (even semester)
>
> - Each course, both theory and practical (including project work & viva voce Examinations) shall be evaluated for a maximum of 100 marks.
>
> - For all theory and practical courses including project work, the Continuous Internal Assessment are carried out for 20 marks while the End-Semester University examination marks of 100 has been converted into 80 marks. The Credit Based system is followed and students CGPA are computed for awarding grades.
>
> - The University examination for project work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding of 4 students) by an external examiner and an internal examiner, followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner, the supervisor of the project and an internal examiner.

Evaluation:

- A candidate can apply for revaluation / photocopy of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examination. A candidate can apply for revaluation of answer scripts for not exceeding 5 subjects at a time.

- Candidates who are not satisfied with revaluation can apply for review of his/her examination answer paper in a theory course within the prescribed date on payment of a prescribed fee through proper application to Controller of Examination. Candidates applying for Photocopy-cum-Revaluation only are eligible to apply for review.

- The subject experts availed in the Institution shall assist the student's in the review process. On the basis of the expert recommendations, the candidate can able to go for *"challenge round"* by paying Rs.3000 per paper.

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

- The Syndicate of the affiliated University approves various guidelines for the Institution which opts for the fresh autonomous status.

- The proforma of the application are issued from the Director, Centre for Academic Courses, Anna University, Chennai.

- The important guidelines towards autonomous status have been deliberately framed by the University which includes permanent affiliations, research department recognition, NBA and NAAC accreditations, significant 'h' index publications and others.

- By exhibiting the above guidelines, the affiliated institution is being encouraged by the parent University for setting up Autonomous practices.

6.11. Activities and support from the Alumni Association

- Each department maintains group email-ids for the passed out batches, thereby industry openings and technical expectations are immediately circulated by alumni.

- Alumni's are regularly visiting the campus and offer technical talk and orientation programmes to the students on the basis of the industrial needs.

- The institution is now in the process of promoting the Alumni Association under society registration act.

6.12. Activities and support from the Parent – Teacher Association

There is no Parent – Teacher Association in the Institution. But Parents' meeting have been conducted regularly in each department to discuss about the progression of their wards.

6.13. Development programmes for support staff

S.No	Name of the Programme	Organizer	Dates and Duration	Number of Beneficiaries
1.	Data acquisition system in IC engine	M/s. Apex Innovations	04.07.15	03
2.	Mobile Application and Development Laboratory Setup	Mr.S.Baskar, LinuxXpert Systems	07.11.2015	02
3.	Skill Development for Technical Staff members	Electronics and Communication Engineering	11.01.2016 to 13.01.2016	05

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

- A.V.C. College of Engineering is committed to becoming a model campus with regard to environmental conservation.

- Institution spreads over 30 acres of land with large number of good aged trees and well maintained gardens, which make the campus evergreen and pollution-free one.

- Ten permanent RCC buildings are available in the campus and all the buildings are provided with rainwater harvesting units to preserve water.

- All the blocks are oriented in East-West direction with shorter facades facing the Sun and that too is surrounded with big trees and thereby the energy needed for air conditioning is reduced.

- The administrative building has 10 kWp rooftop SPV systems connected with the light load to save the electrical energy.

- 1000 LPD Solar Water Heater is provided in the students home which supplies hot water to the kitchen for cooking and reduces the fossil fuel requirement. Provisions are also available to use the hot water by the inmates.

- A $10m^3$ bio-gas plant is available in the students home which converts the kitchen waste and the night soil into bio-gas, which is used for cooking purpose.

- Vehicle stand for college buses and two wheelers are secluded to avoid pollution inside the working area.

- Garden waste is collected and bio-composting is done to prepare green manure.

- 20 kW Biomass gasifier is developed under AICTE research grant for converting garden waste into syngas for power production with 5kW diesel engine.

- Back wash water from RO plants are effectively reused for toilet purpose in order to avoid depletion of aquifer and energy conservation.

Criterion – VII

7. Innovations and Best Practices

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

- Programmes conducted based on Industry expectations which create significant improvements in students skill set that facilitate good placement.

- Every year, the institution celebrates Engineer's Day in an active manner and invite eminent personalities from academia and industry. Accordingly, on 15-09-2014, 48th Engineer's day has been celebrated with a caption of "Engineering Challenges for Knowledge Era" and **Dr. M. ARAMUDHAN,** Assoc. Prof. & Head, Department of Information & Technology, Perunthalaivar Kamarajar Institute of Engg. and Tech., Karaikal was the Chief Guest and delivered a speech, on "Challenges to be faced by the upcoming engineers".

- "Project Expo" a project exhibition induced the creativity of students to exhibit their engineering practical knowledge in their specific domain.

- Nine Certificate courses for content beyond curriculum have been conducted by various departments and the practice stimulates the others also.

- Tool based practical workshops have been arranged for the students under self-supporting nature that facilitate increase in participation of seminars/workshops.

- In-house software needs have been addressed and guided solutions are also under practice.

- Entrepreneurship development activities are successfully performed that includes field visit also.

- Group discussions, Mock-Interviews, Online apptitude training are regularly organized during the internet and placement hours, that facilitates increase in placement.

- "SMS based Internal test marks delivery" has been successfully introduced which facilitate more involvement by parents in their wards studies.

- Beyond the Institutional curriculum, Awareness cum coaching programmes has been under practice that facilitates good success rate in the examinations. (Example for such programme is 'Tamilnadu Common Entrance Test (TANCET) Awareness and coaching programme for admitting MCA/MBA programmes).

- Since, the institution is having the academic tie-up with ICT Academy of Tamilnadu, training programmes, guest lectures, webinars are regularly organized for increasing the awareness and learning attitude of students.

- Beyond Institution level programmes, students are also encouraged to participate in various programmes such as symposium, seminars, workshop, technical competitions conducted by other colleges/University/Institutions.

- Compulsory Bridge courses were offered to first year students for all the subjects.

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

S.No	Plan of Action	Action Taken Report
1.	**Teaching – Learning:** HOD enumerates the key points and innovative methodology to be adopted for theory as well as problem oriented courses for the effective class room management.	As per the plan proposed, various teaching methods are adopted to improve student learning attitude. For example, 1. The course 'Engineering Graphics' has been taught with the aid of solid models. 2. The 'Manufacturing Technology' course has been taught using powerpoint presentation by showing videos and case studies. Industry visit is also arranged to show the metal casting process, gear manufacturing process and grinding wheels manufacturing process 3. Staff members are instructed to submit the typed contents of notes of lesson and lesson plan for the students.
2.	**Research and Development**: To inculcate more research and development activities in the Institution.	1. Faculty Development Programmes and Technical Seminars are arranged frequently by the departments. 2. PG projects have been converted as papers and publish in conference proceedings and journals. 3. Intramural research funding is provided by the Institution for Rs.1,00,000 per year for faculty and students. 4. Research Centre Recognition was obtained for Department of Chemistry and extension of the same was obtained for Mechanical Engineering and Computer Applications.
3.	**Promoting Skill Development Attitudes among Faculty members:** To enhance the skill development attitude of faculty members and strengthen their academia.	1. Faculty members have been encouraged to attend minimum of two faculty development programmes in the emerging areas.
4.	**Soft skill development of students:** To inculcate soft skill talents among students.	1. Academic peer working groups of students have been created and various tasks have been assigned to the group, thereby in the potential talents of the wards are easily identified and shaped further. 2. Every period one student is asked to give 5 minutes talk across the semester and opportunities are given to all students in each class.

		3. Group discussions are conducted for students regarding the most recent problems in our country. 4. Students are advised to prepare articles on recent trends in their specialization for including in department and campus magazine. 5. ECE students are sent to FM station to participate in FM activities. 6. Special PDP hours are conducted for final year students.
5.	**Promotion of research ambiance in the Institution:** Identify the thrust areas of faculty members and encourage publication in SCI journals.	1. "*Publication incentive system*" has been introduced and cash awards have been given by the Management for the publications made in the journals recommended by Anna University. 2. *"Interdisciplinary research forum"* has been formed with faculty participation from sister Institution to promote inter-disciplinary research.
6.	**Train the Trainer:** Induction Training Programme for young faculty members	1. Various programmes focusing academic, accreditation and research standards have been organized by the institution under the banner of ISTE staff chapter and Internal Quality Assurance Cell.
7.	**Accreditation and Autonomous Status:** To obtain re-accreditation and new accreditation for departments and Autonomous Status for the institution.	1. Set of revised slots were applied for NBA peer team visit for re-accreditation for three departments and new accreditation for two departments. 2. Applying for Autonomous status after obtaining NBA accreditation or NAAC accreditation with 'A' grade.

7.3. Give two Best Practices of the institution.

- Installing social responsibility by making participation in NSS/YRC mandatory for students. Through these organizations, AIDS awareness programmes, blood donation camps, various health camps and socially relevant activities are undertaken. As part of Institutional-Social responsibilities, the institution offers need based training programmes like Educational awareness programme for the students of Panchayat Union schools with an objective of imparting significance of education, to build the students self confidence and motivate them to achieve success in their life and also conducts empowerment programmes for Self–Help-Group women.

- *Short term/Certificate courses* are continuously offered for the students to make them technically sound, which had a great impact for the final year students during their placement

7.4. Contribution to environmental awareness / protection

The institution contributed the environmental welfare through the following ways:

- 10 kW of solar PV power plant are installed on the administrative block to meet the energy needs. All the lighting load of administrative block is connected with solar PV power plant.
- Two units of Solar water heater each with 500 litres of capacity are installed in the students home to fulfill their need.
- A bio-gas plant of 10 m^3 was constructed in the student's home to transform waste food material into bio-fuel for the kitchen usage.
- The run off rain water is diverted into the percolation pits in all the buildings of the campus to increase the ground water level.
- 20 kW Biomass gasifier is developed under AICTE research grant for converting garden waste into syngas for power production with 5kW diesel engine.

7.5. Whether environmental audit was conducted?   Yes ☐   No ☑

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

Institutional Strength:

- Institution run by a charity of heritage exclusively established for imparting education to rural.
- Responsive system of administration that facilitates academic freedom to the faculty members.
- Good track of admission scenario for the sanctioned in-take in spite of the admission downturn in the technical education scenario.
- Well established infrastructure facilities.
- More University rank holders.
- Good harmony, dedication by faculty members towards work commitments.

Institutional Challenges

- Research project from government agencies with Commercial viability has to be initiated.
- Industry participation in research work with the outcome of consultancy need to be encouraged.
- Collaboration with Technical Institution and Organization needs to be explored further.
- Pedagogies of faculty members and learning attitude of students for fulfilling the expectations of Industry stake holders are also needed more attention.
- The mismatch between outcome of the academic research and expectation of Industry is also raised as one of the challenges.

8. **Plans of Institution for next year**

- Research Centre Recognition for all Post Graduate departments from Anna University.

- To obtain Re-accreditation status from NBA for the programmes namely, B.E. ECE, B.Tech IT, & MCA Programmes and fresh - accreditation for applicable programmes.

- To work and obtain the 'Autonomous' status for the Institution.

- Strengthen Industry Institute Interaction through Installing of Industry Institute Partnership Cell (IIPC).

- Conducting Entrepreneurship training and certification programme to students from their first year onwards through Entrepreneurship Development Cell (EDC)

Name _____   *Name* _____

_____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____

Annexure I

Student Feedback System

Annexure II

Action performed against the Student feedback

A.V.C.COLLEGE OF ENGINEERING

DEPARTMENT OF CSE

Sir / Madam,

Sub: Student's evaluation of faculty intimation- Reg.,

Ref: Evaluation dated 16-03-16

This is to inform that your grade is **Excellent** for your class teaching during the IV

Semester of II Year for B.E CSE in teaching the subject **CS6401- Operating Systems.**

HOD
HEAD OF THE DEPARTMENT
DEPARTMENT OF CSE
A.V.C. COLLEGE OF ENGINEERING
MANNAMPANDAL -- 609 30
MAYILADUTHURAI

Copy to:

1. Faculty Member – Ms.N.Preethi

2. File

Annexure III

Parents Feedback

A.V.C.COLLEGE OF ENGINEERING
MANNAMPANDL, MAYILADUTHURAI

ELECTRONICS AND COMMUNICATION ENGINEERING

PARENT'S FEEDBACK FORM

1. Name of the Parent / Guardian   : *N. PALVANNAN*

2. Occupation   :

3. Communication Address with   : *55, Pasupathi St*
   Phone Number   *mayiladuthurai*
                                           9655212210

4. Name of the Student   : *N.G. MALAVIKA*

5. Branch & Year of Study   : *ECE IInd Year*

6. How useful is this Parents meeting?

   Excellent [✓]   Very good [ ]   Good [ ]   Satisfactory [ ]

7. What is your opinion about the service provided by our college such as the test schedules, intimation by progress reports about their CIA test results & attendance % details?

   Excellent [✓]   Very good [ ]   Good [ ]   Satisfactory [ ]

8. What do you think about the discipline and decorum of our students in this college?

   Excellent [✓]   Very good [ ]   Good [ ]   Satisfactory [ ]

9. Give your suggestions about the infrastructure facilities available in our college and also about teaching learning skills.

   Excellent [✓]   Very good [ ]   Good [ ]   Satisfactory [ ]

10. Give your comment on our response during your visit to this college other than parents meet regarding your ward's progress.

    Excellent [✓]   Very good [ ]   Good [ ]   Satisfactory [ ]

11. Suggestions if any.

Date: *5.4.16*   Signature of the Parent/Guardian

Annexure IV

Parents Meeting Feedback Analysis

A.V.C COLLEGE OF ENGINEERING

MANNAMPANDAL, MAYILADUTHURAI.

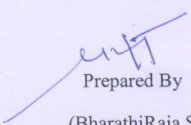**DEPARTMENT OF ECE**

MINUTES-PARENTS MEET-APRIL 2016

FEED BACK ANALYSIS

DATE: 05.04.2016   Total No. of Parents Attended: 35

S.NO	Parameter	Excellent	Very Good	Good	Satisfactory	Remarks
1.	Usefulness of the parents meet	18	10	06	01	Excellent
2.	Service provided by our college-progress report intimation, attendance information, etc..,	16	08	11	-	Excellent
3.	Discipline and decorum of the students	16	14	04	01	Excellent
4.	Infrastructure facilities	18	09	07	01	Excellent
5.	Response during the visit other than parents meet	18	12	04	01	Excellent

Prepared By

(BharathiRaja.S)

HOD/ECE

(Prof.Chitravalavan)

A.V.C. College of Engineering

Mannampandal, Mayiladuthurai.

Department of Information Technology

Employer Survey Form

Name of the Company / Institution :- Suresoft Systems

Name of the B.Tech IT Alumni :- P. Veeramani Kandan Batch :- 2010 to 2014

Designation of Alumni :- Web Developer

Name of the Assessor :- V. Baskar   Designation :- Team Leader

Sl.No.	How do you rate the current potential of B.Tech - IT alumni working in your organization on the following criteria	Excellent	Very Good	Good	Satisfactory
1.	Application of mathematical foundations	✓			
2.	Application of computer science theory and algorithmic principles	✓			
3.	Application of modeling and design of computer based systems	✓			
4.	Application of engineering knowledge in their domain Domain :- Health Care/Banking/Finance/Medical/Law/Others Others, Specify :		✓		
5.	Analyze the problem, subdivide into smaller tasks with well defined interface for interaction among components				✓
6.	Complete the project (given task) within the specified time frame and financial constraints	✓			
7.	Proposal of original ideas and solutions	✓			
8.	Design, implement and evaluation of hardware/software systems with assured quality and efficiency			✓	
9.	Effective communication of engineering solution to peers ,leads and customers		✓		
10.	Understanding of contemporary issues		✓		
11.	Engagement in lifelong learning	✓			

Signature of Assessor

Annexure VI

Sample Appointment Order

Infoview®

April 18, 2016

Offer Number: 2016/03/1504

Name: NANDINI RAVICHANDRAN

College: A.V.C COLLEGE OF ENGINEERING, MAYILADUTHURAI

Dear NANDINI RAVICHANDRAN,

We are pleased to invite you to join IVTL Infoview Technologies Private Ltd as one of its valuable members, and become part of a fast-paced and dedicated team that works together to provide the highest quality software for its global customers.

Your designation is **Trainee Engineer** and you will report to a **Project Manager** who will be intimated to you on your Joining Date (as defined below). You will operate out of our office at **Chennai**, or any other place that we may require you to operate out of.

Your joining date is **June 1, 2016**. Your appointment shall come into effect on the Joining Date, or any date as the Company may determine, which date shall be the Joining Date, from which date you shall attend to your duties in accordance with the provisions set out herein and the Employee Handbook, 2015. On the Joining Date, the Company will issue an appointment letter, which you are required to execute and adhere to. You shall continue to attend to your duties until terminated as per the provisions set out herein, the Appointment Letter, and the Employee Handbook, 2015. A copy of the Employee Handbook, 2015, will be provided to you on or prior to your Joining Date.

Your position will carry a cost-to-company of **Rs.4, 50,000/- (Rupees Four Lakhs Fifty Thousand Only)** per annum. You will be on probation for a period of 1 (one) year from the Joining Date set out above, and will be confirmed based on your performance. During the Probation Period, you shall give 2 (two) months' notice in case of leaving.

Your appointment with the Company is solely based upon your representations regarding your qualifications, educational history, family details, and all other information you provided during the selection process, which the Company has relied up on.

By accepting this offer, you also irrevocably consent to the Company initiating and performing all necessary background checks as may be required for, and during the course of, your employment, either by Company or through any third party authorized by the Company in this regard.

Offer Conditions

Your offer stands canceled in the following cases:
1. Unsatisfactory reports on the background check.
2. It is found that you have provided false information or have suppressed information during the selection process.
3. You having arrears on the Joining Date; or
4. Your final overall CGPA or % of marks is reduced from the time you were recruited, or the 7th semester, whichever is later.
5. You not participating in the "pre-employment training" conducted by the Company in cooperation with your college's placement department.

Mandatory

A. You must have created your profile in **NSR** (National Skills Registry)*https://nationalskillsregistry.com/*and have registered thereon before the Joining Date;

Java Certification Required	NO

Non-Mandatory

Learn Java 8.0, Google Closure, Cassandra DB/KVS and Spring MVC, which will help you to quickly get comfortable at work.

IVTL Infoview Technologies Pvt. Ltd
CORPORATE IDENTITY NUMBER : U72200TN2000PTC045854
3F, Melaram Vishranthi Towers, 2/319, Rajiv Gandhi Salai (OMR), Karapakkam, Chennai - 600 097, INDIA
Phone: +91-44-47 42 3300 Fax: +91-44-4742 3301 www.ivtlinfoview.com E-mail: infoserve@ivtlinfoview.co.jp

Annexure VII

Academic Calendar

A.V.C COLLEGE OF ENGINEERING ,MANNAMPANDAL ,MAYILADUTHURAI
ACADEMIC CALENDAR - (2015-2016)

Day	Date	Events
JULY – 2015		
Wednesday	01	Commencement of class for all semesters UG & PG except 1st year.
Monday	06	Digital India Awareness Program One day workshop in IT
Tuesday	07	Guest Lecture On Semantic Web in CSE
Friday	10	Inplant Training Intro – session MBA
Monday	13	Student Counselling
Wednesday	15	I Class Committee Meeting for E & T Branches IV Year
Thursday	16	I Class Committee Meeting for E & T Branches III Year
Friday	17	I Class Committee Meeting for E & T Branches II Year
Monday	20	Short Term Certificate Course
Wednesday	22	Guest Lecture Programme-"PCB Manufacturing Technology" in ECE II MBA - Reopening

Friday	24	Guest Lecture in IIPE Students Chapter
Tuesday	28	I CIA Test for 3rd, 5th, & 7th semester UG & PG
Wednesday	29	In plant Training 1st report Submission MBA
AUGUST- 2015		
Saturday	1	Day for Management Skill Development Programs Alumni Guest Lecture Programme in MCA
Monday	03	Commencement of odd Semester Class work for 1st semester UG
Tuesday	04	One Day Workshop For Faculty Members
Wednesday	05	Digital India Week Celebration Student Interaction Programme in Civil Finance Workshop - II MBA
Thursday	06	Guest Lecture in IIPE Students Chapter
Friday	7	Industrial Guest Lecture
Monday	10	International Guest Lecture series 1
Tuesday	11	International Guest Lecture series 2
Wednesday	12	Industrial Visit
Thursday	13	Social Awareness Programme-"Kalam – The Most Beautiful Man"
Friday	14	Seminar on Cisco Certified Network Associate (CCNA) & Job Opportunities.
Monday	17	Commencement of odd Semester Class work for 1st semester PG II MBA – I CIA
Tuesday	18	I class committee meeting for II year PG
Wednesday	19	I class committee meeting for I year UG
Thursday	20	II Class Committee Meeting for E & T Branches IV Year
Friday	21	II Class Committee Meeting for E & T Branches III Year
Saturday	22	II Class Committee Meeting for E & T Branches II Year Alumni Guest Lecture on Job Openings in SOA technology - MCA
Monday	24	Alumni Guest Lecture on "Choosing a Right Path" by Mr.V.Dwaraganath Rao Pawar – Network/System Admin, TCS Ltd, Chennai
Thursday	27	Guest Lecture on Applications of Fuzzy Logic in Electrical Systems Seminar on Utility Mining - MCA
Friday	28	II CIA Test for 3rd, 5th, & 7th semester UG & PG Colloquium-"Cracking the IAS Examination"
Saturday	29	One Day Workshop For I Year Students Day for Management Skill Development Programs - MBA
SEPTEMBER – 2015		
Tuesday	1	I MBA class Commencement

Thursday	3	Two Day Workshop For I Year External Students
Friday	4	Industrial Visit – II MBA
Monday	07	I CIA Test for 1st semester UG & PG
Wednesday	09	Guest Lecture / Special Lectures in Civil
Saturday	12	Day for Management Skill Development Programs
Monday	14	II class committee meeting for I year UG
Tuesday	15	Parents meeting for UG
Wednesday	16	Workshop in CSE
Thursday	17	II class committee meeting for II year PG I class committee meeting for I year PG
Friday	18	Workshop-"Hands on Training in TMS320C6748" Workshop in EEE Skill Development workshop in MBA One Day Hands-on-Workshop on Exploring the Power of 'C'
Saturday	19	NBA Mock Inspection
Monday	21	II MBA – II CIA I MBA – I CIA
Tuesday	22	III Class Committee Meeting for E & T Branches IV Year
Wednesday	23	III Class Committee Meeting for E & T Branches III Year Guest Lecture Programme in MCA
Friday	25	III Class Committee Meeting for E & T Branches II Year
Tuesday	29	Technical Symposium -"TechnothirsT'15-16"
Wednesday	30	
OCTOBER 2015		
Monday	5	University Practical Examination for 3rd ,5th ,7th semester UG Student Feedback Analysis
Tuesday	06	Guest Lecture in CSE
Thursday	08	Guest Lecture Industrial Power Systems in EEE
Friday	09	One day hands-on-Workshop on Big Data Tools: Pig and Hive
Monday	12	Model Exam for 3rd, 5th, & 7th semester UG & PG UG & PG
Monday	14	III class committee meeting for I year UG
Thursday	15	III class committee meeting for II year PG II class committee meeting for I year PG
Friday	16	Guest Lecture on Physics
Monday	19	Parents Meeting for PG
Tuesday	20	Inauguration of ENFUSE Students Chapter & Guest lecture CSI Guest Lecture Programme
Monday	26	II CIA Test for 1st semester UG & PG
Tuesday	27	Last working day for 3rd, 5th, & 7th semester UG & PG

NOVEMBER-2015		
Monday	2	Model Exam - II MBA
Wednesday	18	Last working day – II MBA
Friday	20	Parents Meeting for I Year UG
Wednesday	25	Staff Development Program On Mobile Application Development in CSE
Friday	27	III class committee meeting for I year PG
Saturday	28	II CIA - I MBA
Monday	30	Model Exam for 1st semester UG & PG Seven days Faculty Development Programme in MCA
DECEMBER – 2015		
Tuesday	1	Five Day Faculty development programme in Mechanical
Monday	7	Model Exam – I MBA
Wednesday	09	Faculty Development Program in CSE
Wednesday	23	Last working day for 1st semester UG & PG
JANUARY - 2016		
Wednesday	06	Commencement of class for all semesters UG & PG except 1st year
Tuesday	12	Project Induction to II MBA students
Wednesday	20	Reopening to I MBA
Saturday	23	Day for Management Skill Development Programs
Wednesday	27	Guest Lecture in CSE
Saturday	30	Day for Management Skill Development Programs GATE coaching Programme
FEBRUARY – 2016		
Monday	01	Gate Awareness Programme I class committee meeting for II year PG
Tuesday	02	I class committee meeting for I year UG
Wednesday	03	Workshop in CSE
Monday	08	I CIA – II MBA
Tuesday	09	Project Exhibition
Wednesday	10	I CIA Test for 4th, 6th, & 8th semester UG & PG Workshop in ECE
Thursday	11	CSR Guest Lecture - MBA
Friday	12	0th Project Review for PG
Saturday	13	Career Development Programme on Banking Sector Day for Management Skill Development Programs
Monday	15	Workshop in ECE I CIA Test for 2nd semester PG
Tuesday	16	Marketing Guest Lecture

Wednesday	17	I Class Committee Meeting for E & T Branches IV Year 1st Class Committee Meeting –I year PG
Thursday	18	I Class Committee Meeting for E & T Branch III Year
Friday	19	I Class Committee Meeting for E & T Branches II Year Workshop on Mobile App Development – 'Appdhoom'
Monday	22	I CIA – I MBA
Tuesday	23	TANCET Awareness Programme Day for Management Skill Development Programs
Thursday	25	Alumni Guest Lecture
Monday	29	Workshop –polytechnic students (MATLAB) in EEE
MARCH – 2016		
Wednesday	02	State Level SPSS workshop in MBA I class committee meeting for I year UG
Thursday	03	Parents Meeting for UG Guest Lecture in IIPE Students Chapter
Thursday	3	Two days National level seminar-'Brainy'
Friday	4	
Saturday	5	Inauguration IETE Student's Chapter & Women Empowerment Programme
Monday	07	II CIA Test for 4th, 6th, & 8th semester UG & PG
Tuesday	08	Project Review UG Recent Trends in Non Destructive Test in IIPE Students Chapter
Wednesday	9	1st Project Review for PG
Wednesday	9 to 23	Preventive Measure Class Scheduled For Two Week
Thursday	10	Industrial Guest Lecture in ICE
Friday	11	II class committee meeting for II year PG Workshop for Mathematics
Saturday	12	Alumni Guest Lecture Programme in IT Day for Management Skill Development Programs One Day Awareness & Training Programme on "Oracle Certified Training Programme"
Monday	14	II Class Committee Meeting for E & T Branches IV Year II CIA Test for 2nd semester PG
Tuesday	15	II Class Committee Meeting for E & T Branches III Year Project Review UG CSI Student Chapter(PG) Guest Lecture on Network Security Issues and its Challenges
Wednesday	16	II Class Committee Meeting for E & T Branches II Year Workshop-industrial in EEE

Thursday	17	II Class Committee Meeting for I year PG
Friday	18	Guest Lecture in Enfuse Chapter
Saturday	19	Day for Management Skill Development Programs
Saturday	19	Parents Meeting – I year UG
Monday	21	II CIA – I MBA Guest Lecture in IIPE Students Chapter
Wednesday	23	One Day Awareness cum Coaching Programme for TANCET 2016
Monday	28	Quiz Competition
Wednesday	30	Student Training Programme
Thursday	31	
APRIL 2016		
Friday	1 to 6	Student Training Programme
Saturday	2	Day for Management Skill Development Programs I class committee meeting for I year UG
Monday	4 to 18	Preventive Measure Class Scheduled For Two Weeks
Tuesday	5	Parents Meeting for UG Finance Guest Lecture - MBA
Wednesday	6	Project work - UG
Thursday	7	Parents Meeting for PG
Friday	8	Student Counselling
Saturday	9	Alumni Meet
Tuesday	12	Guest Lecture in EEE Industrial Visit for PG
Saturday	16	Day for Management Skill Development Programs
Monday	18	Parents meeting for I year PG
Tuesday	19	III Class Committee Meeting for E & T Branches IV Year III class committee meeting for II year PG
Thursday	22	III Class Committee Meeting for E & T Branches III Year II Project Review for PG
Friday	23	III Class Committee Meeting for E & T Branches II Year
Monday	25	Model Exam for 4th, 6th, & 8th semester UG & PG Students Feedback Analysis
Saturday	30	Last Working Day for 4th, 6th, & 8th semester UG & PG
MAY 2016		
Monday	02	Model Exam for 2nd semester UG & PG Students Feedback Analysis
Wednesday	04	III project review for PG
Thursday	05	III Class Committee Meeting for I year PG

Saturday	07	Last working day for 2nd semester
Monday	09	Model Exam - I Year PG
Tuesday	17	HR Guest Lecture in MBA
Wednesday	18	Project Rough Draft Submission
Monday	23 to	Training to ITI students
Monday	30	Project Submission for PG
JUNE 2016		
Monday	06	Project VIVA VOCE - PG
Monday	13 to 30	Students Inplant Training