

Annual Quality Assurance Report (AQAR) (2016-17)

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

2016- 2017

I. 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)

TNCOGN 80269

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/AQAR2017.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st 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
- iv. AQAR 2015-16 Submitted on 29.12.2016

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

6

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. International National State Institution Level ☒

(ii) Themes

IQAC organized a meeting of the coordinators of NBA, NAAC and NIRF of college along with senior faculty members conducted on 11th February 2017. In that meeting, Dr.T.Robinson, IQAC Coordinator of Madras Christian College, Chennai was invited as a guest speaker to discuss the best practices for implementation in our college.

2.14 Significant Activities and contributions made by IQAC

1. IQAC recommended one year target for Professor, Associate Professor and Assistant Professor to improve the academic standard and enhance the yearly API score.
2. To improve alumni contribution and enhance alumni activities, College Alumni awards namely best Alumni award and best Entrepreneur Alumni award were constituted in this academic year which will be given every year for each department separately.
3. One and half hour study time is provided to the students before each Cyclic Internal Assessment Test for improving their performance in the test.
4. To improve entrepreneurship attitude of students, many entrepreneurship awareness programmes were conducted. More than 410 students were encouraged to undergo online course for Entrepreneurship development in association with EDII, Tamilnadu .
5. Usage of open source application software instead of commercial application software is promoted for all the departments.
6. Many computer laboratories in the college were insisted to utilize Linux open source operating system.
7. Monitor the effective implementation of Programme Educational Objectives, Programme Outcomes, Programme Specific Outcomes, Course Objectives and Course Outcomes as per the accreditation standards.
8. Proposed a plan of action for the academic year 2017-18 under three folds namely (i) Academic/Research (ii) Improvement of Industry Institute Interaction and (iii) Student Progression.

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.	Upload course materials in pdf format classified under each department in 'Classle Cloud Campus' intranet facility.	Unit-wise Course materials have been uploaded by faculty members in the Classle Cloud Campus.
2.	Ensure Cleanliness in the institution as per environmental management standards and clean India movement.	Clean environment have been maintained by the institution through separate house-keeping departments and with the contributions of ECO club members of the college under the aegis of Clean India Movement. In addition awareness cum cleaning activities were enhanced by NSS students. Totally 6 programmes were conducted.
3.	Invite experts from funding agencies to be a member of the college R&D cell.	Experts having expertise in execution of funded projects in various departments were invited from Universities to expose faculty in obtaining funded projects through R&D cell. A special meeting was organized by inviting Dr. Sundarrajan, Senior Principal Scientist, CSIR to enlighten various schemes of CSIR and other funding agencies.
4.	Enhance the activities of 'R&D Cell' by applying for funds and to organize programmes related to research skill developments.	Project proposals were submitted to the various funding agencies and hands-on training programmes were organized on MATLAB, MULTISIM, MASM, TANNER, Design-Expert etc., to faculties. Mr. Muthumathan, Librarian & Consultant IISc Bangalore was invited to give talk on scholarly publications in leading research journals.
5.	Specific targets have been assigned to Professor/ Assoc. Professor/ Asst.	An achievement of target of different cadre were evaluated using

	Professor by IQAC for annual review.	performance appraisal.
6.	Increase the placement offers through alumni network established by Alumni Association.	Around 52 students were placed in three companies namely Usha Fire Safety Pvt. Ltd.,(14) TVS Sundaram Fasteners Ltd., (Autolec Division)(26), Full Creative (Pvt) Ltd., Chennai(12) arranged through the reference of our college alumni network.
7.	Arrangement of industry oriented training and skill development programmes by industrial expert.	Around 25 industry-oriented skill upgradation programmes handled by experts from industry and 26 other technical guest lectures/ workshops/ seminars were arranged by the departments.
8.	Provide internship to students from industries, industry-oriented projects for students, industrial consultancy for faculty and funded project with industry collaboration from DST, AICTE and other funding agencies.	Internships were arranged by placement officer and IIP cell. Industry oriented projects were arranged by the department to interested students of concern department. Efforts were made by the faculty to obtain consultancy projects from the industry. Consultancy in the area of testing of building materials, emission testing of vehicles and surface characteristic study of materials are available and also extended to industry and individuals.
9.	Formation of scrutiny committee with senior faculties as members to fix targets for faculties for preparing project proposals to various funding agencies.	Scrutiny committee with senior faculties were formed to analyze and recommend project proposal submitted by faculty to funding agencies.
10.	Submission of project proposal for the thrust areas focused by the various funding agencies.	More than 4 major projects and 12 minor project proposals were submitted to various funding agencies and awaiting for the result.
11.	Formations of 'Quality Circle' to discuss the quality problems, investigate causes, recommend solutions, and take corrective actions for quality related problems in academics and administration.	Quality circle concept is adopted for the following activities like Scrutiny committee for project proposal, Publication incentive scrutiny committee and placement assistant committee.
12.	Formation of "Incubation Centre" for	More than 865 students were

	encouraging entrepreneurship among students and to create and grow young businesses.	<p>encouraged to participate in 8 Entrepreneurship awareness programme conducted by Entrepreneurship Cell of A.V.C. College of Engineering and other colleges.</p> <p>More than 410 students enrolled for Learnwise online course for Entrepreneurship development conducted by EDII, Tamilnadu. Totally 12 project proposals were submitted to TNSCST.</p> <p>App development competition “Smart India Hackathon -2017” was conducted by Ministry of National Council Protection of Child Rights (NCPCR) at Bhopal. Six students and one faculty mentor participated in the Grand Finale.</p>
13.	Formation of committee to adapt best practices as per NBA, NAAC and NIRF system with external faculty participation.	A meeting of the coordinators of NBA, NAAC and NIRF of college along with Dr.T.Robinson, IQAC Coordinator of Madras Christian College, Chennai was conducted on 11 th February 2017 to enhance the best practices adopted in our college.
14.	Communication skill / soft skill programme should be initiated for the first year students of all departments.	Communication skill (Reading, writing, speaking and listening) has been refreshed by two professors from Lady Doak College, Madurai on 14.02.2017 for all first year students.
15.	Student feedback regarding academic and facilities offered to them through a common mail-id	Common mail id (feedback@avccengg.net) is used to get feedback from students. If any grievance is received, it can be redressed through proper channel.
16.	Conduct environmental awareness programmes about Clean India Movement (CIM) to the society through eco-club.	<p>Environmental cleaning is maintained through house-keeping department and more than 200 saplings are planted through ECO club for improving the green campus Environment.</p> <p>The following programmes were</p>

		<p>conducted to create environmental awareness to students:</p> <p>Two Ponds located at Mannampandal Village and Mungilthottam Village were cleaned and dredged with 100 students to improve the water retaining capacity of the ponds on 26th October 2016. Temple cleaning at Malaperumballam Shivan temple was conducted with 100 students on 01st & 02nd February 2017.</p> <p>Awareness Rally Programme in the Theme of “GREEN INDIA” organized from Koranad to Mayiladuthurai town with on 30th December 2016 with 200 students and 150 faculties.</p> <p>Around 3000 monthly calendar with slogans about Green India Movement was distributed to the public during the rally.</p>
17.	Greeting E-Mails to be sent to HRs/Alumni/Students.	Festival greetings and anniversary greetings are sent to Alumni through institution mail.
18.	Implement Faculty Ranking System to motivate the faculty.	Staff self-appraisal system has been practised to motivate the faculties. A scrutiny committee has to provide the marks based on the staff performance.
19.	Accreditation for the institution by prominent software companies like CTS, WIPRO and TCS in order to invite Tier-I and Tier –II companies for campus placements.	Under progress.
20.	Establish Linkage with industries through Memorandum of Understanding (MOU).	Efforts are made to create linkage and collaborate with industries and other institutions through joint publications, research activities, exchange of faculty and students with industries, and encourage students to do projects in industries. So far eight MOUs and many collaborative efforts were taken in this direction. More than 50 linkages were created in this academic

		year.
21.	Provide foreign language courses like German, Japanese and Chinese to improve the employability of students in a global market.	Efforts are made to fix the language experts from metropolitan cities as no such local trainers are available. However students are advised to look for online courses.
22.	Apply for UGC funding to establish IQAC office.	Awaiting for getting 2(f) & 12(b) status from UGC and as soon as it comes application will be made for getting funds.
23.	Conducting Alumni Meeting outside the campus in major cities like Chennai to build the alumni base	Alumni meetings were conducted by individual batches of various departments in major cities like Chennai and Bangalore.

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, discuss and ratified in the meeting of Board of Management. Previously AQAR was discussed and approved in the IQAC meeting with suggestions for implementation from the members of IQAC cell. The recommendation and suggestions by the members of IQAC cell were assigned to the task in-charges for implementation.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	3	-	3*	-
PG	5	-	5	-
UG	7	-	7	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	15	-	15	-
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)
 - iv) Programme Specific Outcome (PSO)
- The courses of the respective programme have been designed with the following:
 - i) Course Objectives
 - ii) Course Outcomes (CO)

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

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	152	125	16	11	-

2.2 No. of permanent faculty with Ph.D.	26
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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
	4	-	4	-	3	-	-	-	-	-

2.4. No. of Guest and Visiting faculty and Temporary faculty	-	-	-
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2.5. Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	10	55	30
Presented papers	39	31	-
Resource Persons	-	13	24

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

- Departments are regularly permitting 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 news letter that inculcate the students to aware about new learning domains in their respective area.
- Faculty members have been encouraged to attend workshop, seminar, FDP, conferences 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.
- Aptitude 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 funded 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-Skills 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 under gone 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.
- Faculties are preparing their course materials and upload in the 'Classle Cloud Computing' for student access.

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

150

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) In CIA and Model examination, two set of question papers are prepared by faculty members and out of which one will be issued to the students for the betterment of students' evaluation. Other set of question paper is used for students seeking retest for the CIA and model exams undergoing proper approval process.
- iii) One and half hour study time is provided to the students before each Cyclic Internal Assessment Test for improving their performance in the test.
- iv) As per the University norms, the photo copy of the answer script can be availed by the students for the purpose of revaluation. The received answer script is evaluated by the faculty expert and submitted by the students for revaluation.

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

10	-	-
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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	139	6.5	56.8	16.5	-	80
B.E. CSE	64	-	76.56	6.25	-	82.8
B.E. ECE	71	2.82	77.46	7	-	84.50

B.E. ICE	47	-	57	15	-	72.3
B.Tech(IT)	50	-	86	2	-	88
B.E CIVIL	67	-	73.13	11.94	-	85
B.E (EEE)	71	-	81.69	-	-	83.09
M.E (Energy Engineering)	03	-	67	-	-	67
M.E CSE	08	-	100	-	-	100
M.E (Applied Electronics)	7	14.2	85.71	-	-	100
MBA	27	3.7	88.88	-	-	93
MCA	67	16.41	80.59	-	-	97

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 for the applicable domains and measures the effectiveness of the same.
- 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.
- ICT enabled class rooms in all the departments.
- Promotion of UG/PG project outcomes as publications.
- 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 set of question papers are prepared by faculty members and out of which one will be issued to the students for the betterment of students’ evaluation.
- 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

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	16
UGC – Faculty Improvement Programme	6
HRD programmes	-
Orientation programmes	8
Faculty exchange programme	-
Staff training conducted by the university	57
Staff training conducted by other institutions	89
Summer / Winter schools, Workshops, etc.	71
Others	22

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	14	-	-	-
Technical Staff	52	-	-	-
Supporting Staff	45	-	2	-

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.

- Inculcation of “Collaborative Research Initiations” with reputed Institution through joint research publications.
- Setting-up “Research Committee” for sensitizing thrust areas.
- Encouraging faculty members to participate in research symposiums and workshops in advanced topic of research.
- 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.
- The management is offering Rs.1,00,000 for the faculty members to undertake intramural research projects under AVC-RPS scheme.

3.2. Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	1	-	1
Outlay in Rs. Lakhs	-	24.75 lakhs	-	6.18 lakhs

3.3. Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	-	-	12
Outlay in Rs. Lakhs	30,000	-	-	1.20 lakhs

3.4. Details on research publications

	International	National	Others
Peer Review Journals	49	47	-
Non-Peer Review Journals	35	-	-
e-Journals	21	-	-
Conference proceedings	35	42	-

3.5. Details on Impact factor of publications:

Range 0.16 – 7.6 Average 0.89 h-index 10 Nos. in SCOPUS 37

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		2016-17	AVCCE	3,90,000	3,90,000
Students research projects (other than compulsory by the University)					
Any other(Specify)		-	-	-	-
Total		-	-	28,70,000	27,76,667

3.7. No. of books published i) With ISBN No. 32 Chapters in Edited Books 1

ii) Without ISBN No. 1

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)*

* EDI - Ahmadabad

3.10. Revenue generated through consultancy

Rs. 55,850

3.11. No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	1	-	-	-
Sponsoring agencies	-	Institution	-	-	-

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

46

3.13. No. of collaborations

International

-

National

8

Any other

-

3.14. No. of linkages created during this year

121

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

From Funding agency

-

From Management of University/College

8.70 lakhs

Total

8.70 lakhs

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
-	10	-	16	-	7	1

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

8

25

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

1

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

-

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
NCC NSS Any other

* Activities organized by RRC, YRC & Rotract Club

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 YRC & RRC	Blood Donation Camp Govt Hospital , Mayiladuthurai Kali Blood Bank, Thanjavur	12.08.16	125
2.	NSS	Pond cleaning Programme at Dharmapuram to Mannampandal near milk depo Pond & Vadakarai road Shivan temple pond	One day 26.10.2016	100
3.	NSS	Awareness Rally Programme in the Theme of "GREEN INDIA" organized by AVC Institutions at Koranad to Mayiladuthurai	Half day 30.12.2016	200
4.	NSS	Voters day awareness Rally programme	Half day 25.01.2017	100
5.	NSS	Temple cleaning Programme at Malaperumballam Shivan temple	Two days 01.02.2017 & 02.02.2017	100
6.	NSS YRC & RRC	Blood Donation Camp	Half day 18.02.2016	100

The Youth Red Cross (YRC) organization of the Institution activity contributed societal welfare services by organizing various blood donation camps. In the academic year 2016-17, the YRC organized, the following blood donation camps in the Institution campus. In total, 355 units of blood have been donated by the student volunteers for the societal welfare.

S.No	Date	Conducted by	No. of Units
1	12.08.16	Govt Hospital , Mayiladuthurai	71
2	12.08.16	Kali Blood Bank, Thasnjavur	129
3	18.02.17	Govt Hospital , Mayiladuthurai	30
4	18.02.17	TMC Hospital, Medical College, Thanjavur	117
5		Donated to the patients – at Government Hospital, Mayiladuthurai	08
Total Units			355 units

From the year 2003 onwards, a total of **4898** 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	57	-	-do-	57
Laboratories	59	-	-do-	59
Seminar Halls	7	-	-do-	7
No. of important equipments purchased (\geq 1.0 lakh) during the current year.	61	8	-do-	69
Value of the equipment purchased during the year (Rs. in Lakhs)	964.97 lakhs	45.10 lakhs	-do-	1010.07 lakhs
Others	-	-	-do-	-

4.2. Computerization of administration and library

- Accounting softwares, pay-bill softwares, bill-payment softwares have been developed and installed as part of computerization of administration.
- RFID cum Barcode identity card to all the students & staff members.
- Library has been digitalized.
- Library proficiency prize to the students for Boys & Girls.
- Issus of Educational CD/DVD's to the users.
- Reference Book Issus on overnight basis.
- Facility for Group Discussion.
- Book Bank facilities for SC/ST students.
- Student feedback evaluation.
- OPAC (Book search) Service.
- ILL (Delnet) Service
- Library Secured with Fire & Smoke Detectors and CCTV surveillance
- Pest Control Protection for Book & Library Premises.
- E-Journals access like IEEE,ASME, Delnet- IESTC Journals, Delnet-ProQuest-Management Journals.
- Computers with Internet access.

4.3. Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	44,137	1,25,50,310	2408	6,39,529	46545	1,31,89,839
Reference Books	6,881	30,70,296	260	71,059	7141	31,41,355
e-Books	148	1,26,250	-	-	148	1,26,250
Journals	167	12,20,776	-	3,93,561	167	16,14,337
e-Journals	317	17,81,526	-	9,25,284	317	27,06,810
Digital Database	5	1,37,100	-	-	5	1,37,100
CD & Video	3,784	-	-	-	3,784	-
Others (specify)	-	-	-	-	-	-

4.4. Technology up gradation (overall)

	Total Computers	Internet	Location					
			Computer Labs	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	681	50 mbps	525	200 (included in lab computers)	65	10	34	47
Added	-	-	-	-	-	-	-	-
Total	681	50 mbps	525	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.	Alumni Guest Lecture	Information Technology	09.07.2016	61
2.	One day Guest Lecture Programme conducted by Tamilnadu & MSME, Mayiladuthurai - Entrepreneurship Awareness Programme	Electronics and Communication Engineering	14.07.2016	47
3.	Latest Trends and Technologies	Computer Science Engineering	23.07.2016	110

4.	Aptitude Training	Computer Science Engineering	23.07.2016	110
5.	Recent Trends in Electrical CADD	Electrical and Electronics Engineering	26.07.16	120
6.	Social Awareness Programme - Maanbumigu Maanavargal	Electronics and Communication Engineering	29.07.2016	80
7.	One day Guest Lecture Programme - Entrepreneurship Awareness Programme	Electronics and Communication Engineering	03.08.2016	200
8.	Career Alumni Guest Lecture Guidance Programme	Information Technology	03.08.2016	97
9.	Motivational Program organised by ISTE Student Chapter on "Environmental cause and Attitude building - Who is the real hero?"	Information and Control Engineering	05.08.2016	25
10.	Aptitude Training	Computer Science Engineering	06.08.2016	130
11.	Value Added Program on "Basics and Advancement of Instrumentation in LabView" (Phase - 1)	Information and Control Engineering	11.08.2016 & 12.08.2016	47
12.	Alumni Interaction	Information Technology	16.08.2016	50
13.	Two Days Workshop on Advanced JAVA Programming	Computer Science Engineering	18.08.2016 & 19.08.2016	58
14.	Two day Workshop	Information Technology	22.08.2016 & 23.08.2016	350
15.	Guest Lecture	Information Technology	24.08.2016	120
16.	Energy Scenerio in India	Mechanical Engineering	27.08.2016	75
17.	Workshop on open source tools "Jmeter"	Computer Applications	27.08.2016	173
18.	Guest Lecture on "Role of control valves in industries"	Information and Control Engineering	12.09.2016	91
19.	Guest Lecture on Mixed Reality in Real World Applications	Computer Applications	14.09.2016	173
20.	Workshop on Industry perspective training programme on 'C' Language	Computer Applications	15.09.2016	327
21.	Workshop on Advanced Java Programming -Struts & Hibernate	Computer Applications	23.9.2016 & 24.9.2016	127
22.	Value Added Program on "Basics and	Information and	07.10.2016&	47

	Advancement of Instrumentation in LabView” (Phase - 2)	Control Engineering	08.10.2016	
23.	One day Guest Lecture Programme - CMOS Analog IC Design	Electronics and Communication Engineering	12.11.2016	204
24.	Short Term Tanning Programme (STTP)	Information Technology	24.11.2016 to 26.11.2016	45
25.	One day workshop on “Moodle and Beyond”	Computer Science Engineering	24.12.2016	Faculty and Students Outside Colleges
26.	Learn skill and reward programme (solar panel erection and trouble shooting)	Electrical and Electronics Engineering	27.12.16 to 30.12.16	60
27.	Short Term Certificate Course	Information Technology	05.01.2017	61
28.	Guest Lecture Programme	Information Technology	07.01.2017	97
29.	Guest Lecture	Information Technology	24.01.2017	47
30.	Recent Trends in Fire Safety	Mechanical Engineering	27.01.2017	100
31.	An awareness program on Driving Practices for Fuel Conservation	Mechanical Engineering	01.02.2017	60
32.	Latest trends in Software Testing	Computer Science Engineering	04/02/2017	130
33.	Software Testing and Interpersonal Skill Development	Computer Science Engineering	06/02/2017	110
34.	Societal Programme	Information Technology	08.02.2017	40
35.	Advanced Industrial Automation	Electrical and Electronics Engineering	09.02.2017 to 17.02.2017	50
36.	Alumni Guest Lecture	Information Technology	11.02.2017	56
37.	Applications of STADD PRO and REVIT software	Civil Engineering	13.02.2017 TO 23.02.2017	36
38.	One Day Awareness cum coaching programme for TANCET 2017	Computer Applications	15-02-2017	120
39.	Recent Trends in Non Destructive Testing	Mechanical Engineering	17.02.2017	120
40.	Guest Lecture organized on “Recent Trends in Power Plant Instrumentation	Information and Control Engineering	18.02.2017	90

41.	IETE Inaugural Programme and IETE Sponsored – Guest lecture Programme - Asynchronous Circuit Design	Electronics and Communication Engineering	20.02.2017	204
42.	National Student Symposium	Electronics and Communication Engineering	24.02.2017 & 25.02.2017	204
43.	A Seminar on Indian Energy Vision	Mechanical Engineering	21.03.2017	130
44.	Students Training Programme - Sequential circuit simulation in Xilinx	Electronics and Communication Engineering	05.04.2017	65
45.	Value Added Course - PCB Design in Utiboard	Electronics and Communication Engineering	13.04.2017	61
46.	Hands on training for the applications of Design–Expert	Mechanical Engineering	08.05.2017	32
47.	Applications of AUTODESK software	Mechanical Engineering	20.06.2017 to 22.06.2017	58
48.	Applications on autodesk	Civil Engineering	21.06.2017 to 23.06.2017	26
49.	MAT LAB software training for DSP, Communication system, ESD-I, ESD-II LAB	Electronics and Communication Engineering	V SEM I SEM II SEM	79
50.	MULTISIM software training for Analog and Digital Circuits and Simulation, LIC,ESD-I,	Electronics and Communication Engineering	III&IV SEM I SEM VII SEM	68
51.	MASM software training for MP and MC LAB	Electronics and Communication Engineering	IV SEM V SEM	127
52.	TANNER software training for VLSI LAB	Electronics and Communication Engineering	VI SEM	65
53.	ALTERA QUARTUS-II software training for ESD – I & II, VLSI, LAB	Electronics and Communication Engineering	I & II SEM VI SEM VII SEM	143
54.	KEIL μ Version software for ESD – I & II, ESD LAB	Electronics and Communication Engineering	I & II SEM VII SEM	78
55.	EMBEST-IDE software for ESD – I & II LAB	Electronics and Communication Engineering	I & II SEM	07
56.	CODE COMPOSER STUDIO software for ESD – I & II LAB	Electronics and Communication Engineering	I SEM	07

57.	MODELSIM software for ESD – I & II, VLSI,Digital LAB	Electronics and Communication Engineering	I & II SEM VI SEM II SEM II SEM	173
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4.6. Amount spent on maintenance in lakhs:

i) ICT

27.02 lakhs

ii) Campus Infrastructure and facilities

19.31 lakhs

iii) Equipments

47.23 lakhs

iv) Others

113.48 lakhs

Total:

207 lakhs

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:

- 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.
- Promotion of UG/PG project outcomes as publications.
- ICT enabled class rooms in all the departments.
- 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.
- “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.
- Provision for financial assistance and awards to students who achieved excellence in Academic/Sports and others.
- Course materials are provided in the “Classle cloud campus” environment.

5.2 Efforts made by the institution for tracking the progression

- The various apex bodies of the Institution such as Governing Council, Academic Council and HOD Forum headed by the Principal are regularly involved in the tracking process.
- Besides Programme Advisory Committee, which comprises Peer academicians, Head & Senior level faculty members periodically evaluates the progression of programme offered by the department.
- Mentor-Mentee system (Counselling system) is implemented that made a qualitative difference in the academic performance and instilled 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
1770	280	-	-

(b) No. of students outside the state

-

(c) No. of international students

-

Men	No	%	Women	No	%
	1070	52.19		980	47.80

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
128	269	1	1806	-	2258	90	252	1	1707	-	2050

Demand ratio

85.63

Dropout %

1.17

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.	GATE Examination	Mechanical Engineering	During PDP Hour	139
2.	Training for TNSLPP	Instrument and Control Engineering	06.08.2016 (One Day)	25
3.	GATE Awareness Program	Instrument and Control Engineering	16.08.2016 (One Day)	25
4.	GATE	Civil Engineering	19.09.2016 To 24.09.2016 (Six days)	17
5.	One Day Awareness & Coaching Programme on "TANCET - 2016"	Computer Applications	23.03.2017 & 24.03.2017 (Two days)	81
6.	GATE Examination	Electronics and Communication Engineering	12.04.2017 (One Day)	71

7.	TANCET Examination	Electronics and Communication Engineering	26.04.2017 (One Day)	71
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5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	1	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	9*

* GRE IBPS TANCET & 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	Interview Importance, Interview tips	Ms. P.Chalice Victoria, AP, S & H Department, AVCCE.	23.07.2016	IV-CSE-35 IV-B.Tech.IT-32
2	Aptitude Training Programme Communications Skills, Soft Skills, Interview tips.	Mr.B.Vinoth A2Z Training Center, Mayiladuthurai.	06.08.2016	IV-EEE-14 IV-ICE-20 IV-CSE-17 IV-B.Tech.IT-11 IV-ECE-33 IV Mech - 20 III-MCA-29
3	Student Interaction Programme	Mr. Sivaraj Murthy, Manager-Academics, Chennai. (Analytics Information Solutions Pvt. Ltd.,)	17.08.2016	IV-CIVIL-50
4	Career Guidance Program	Er.C. Sasikumar & Er.P.T.Jegan Civil Engineers Associations, Coimbatore.	02.09.2016	II-CIVIL- 60 III-CIVIL- 67 IV-CIVIL- 50
5	Pre-Placement Training Programme on “Emerging Trends in Banking Sector”	Mr.B.Vinoth, A2Z Training Center, Mayiladuthurai.	10.09.2016	I-MBA-26 II-MBA-24
6	Two day Workshop on “Web Page Development using PHP”	Mr.Raja Ravi, System Engineer, Training and Education-Bangalore. Mr.Aravind Ragavan, Senior Software Developer and Cloud Architec-Bangalore.	07.10.2016 &08.10.2016	III-MCA-64

7	CTS Training Programme and Mock Interview	Mr. R.Praveen, Executive-HR Cognizant & 10 Team Members	15.10.2016	IV-CSE-36 IV-ECE-41 IV-EEE-24 IV-B.Tech.IT-49 IV-MECH-74 IV-ICE-42 IV-CIVIL-41 III-MCA-59 II-MBA-23 V-M.Sc.SE-13
8	Career Guidance Programme	Mr. B.Kumar, Executive-HR AXIS Global Automation Group of Companies Trichy	03.01.2017	IV-ECE-53 IV-EEE-29 IV-ICE-42
9	Career Guidance Programme	Mr.Abraham, CEO Space Cadd, Designer and Interior, Chennai	03.01.2017	III-CIVIL-67 IV-CIVIL-75
10	Student Interaction Program	Mr. Ravi, Ph.D Scholar Anna University	02.01.2017	IV-CSE-41

No. of students benefitted

605

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
20	400	317	19

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 academic year 2016-2017, series of competitions namely, Mehandhi Competition, Folk Dance, Collage Contest, Concentration & Surprise Games have been organised for girls students and female faculty members. In total 300 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 08/03/2017 in the Institution. Dr.A.Sankari, Assistant Professor, Department of Zoology, A.V.C. College (Autonomous) has acted as chief guest and delivered a talk on theme “Secrets for Women Empowerment”. 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.
- Guest Lecture cum interactive session on ***European Culture & Living Vs Indian Culture*** organized by Women Empowerment Cell, Bronwenlea Stephen, Educationalist, Exeter, UK has acted as chief guest on 27.01.2017. Totally 15 Faculties and 150 students participated and they got benefited.
- Domestic Awareness Program on ***Practices for Fuel Conservation*** organized by Women Empowerment Cell & ONGC Karaikal, Mrs. Bhuvaneswari, Trainer, PCRA has acted as chief guest, under the scheme of Petroleum Conservation Research Association (PCRA), NewDelhi on 07.02.2017. Totally 40 Faculties and 40 Students were benefited.
- A psychology counsellor has been appointed to address the psychological issues such as stress, work pressure, societal pressure etc., of students and staff members to perform well with academic activities.

5.9. Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports: State/ University level	79	National level	-	International level	-
Cultural: State/ University level	26	National level	-	International level	-

5.10. Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	02	80,000
Financial support from government	885	45,77,965
Financial support from other sources	03	60,000
Number of students who received International/ National recognitions	-	-

5.11. Student organised / initiatives

Fairs : State/ University level	-	National level	9	International level	-
Exhibition: State/ University level	1	National level	-	International level	-

5.12. No. of social initiatives undertaken by the students

6

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

- Student views 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 solve the raised grievances immediately. So far, no major grievances have 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.
- College Transport information management software is developed for transport process.
- Student attendance monitoring software is implemented in all the departments to monitor student's class attendance.

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

6.3.1. Curriculum Development

- Since the Institution is an 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 are regularly offer lectures in content beyond the syllabus towards imparting core and technical 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 students nominees. Regular class committee meeting has been conducted to record the grievance 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 helps the students to attain the concepts clearly.
- Providing question bank which contains important questions, solved University question papers, answer keys are also offered to the students.
- Organizing communication skills 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 thurst areas by industry experts are regularly organized.

- NPTEL materials, which contains video lectures given by eminent professors are provided for student access in the Laboratory itself.
- Bridge courses are offered to the first year students and lateral students to understand the basics of engineering subjects.
- awareness coaching programmes are offered to the students to appear for competitive exams.

6.3.3. Examination and Evaluation

- Every semester two cyclic assessment tests along with one model examination is conducted.
- Evaluations are made within three days time 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.
- In CIA and Model examination, two set of question papers are prepared by faculty members and out of which one will be issued to the students for the betterment of students' evaluation. Other set of question paper is used for students seeking retest for the CIA and model exams undergoing proper approval process.
- Special attention 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.
- 8 grams Gold coin for University Rank holders offered by the management.
- Pay back of Tuition fee for University 1st Rank Holders.
- Faculty members have been honoured for 100% result achievement in University results.

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 regularly 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 the faculty members research projects under AVCCE-RPS scheme.
- 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.
- RFID cum Bar-coded Identity card to all the users.
- Library proficiency prize to the students towards empowering reading habit.
- Issue of Educational CD/DVD's to the needy people.
- Provision of NPTEL materials for the library user.
- Reference Book Issue on overnight basis.
- Group discussion hall with air-conditioned facility.
- Book Bank scheme for SC/ST students.
- Student feedback evaluation scheme for better service.
- OPAC (Book Search) service with ample user interfaces.
- ILL (Delnet) Service.
- E-Journals access like IEEE,ASME, Delnet- IESTC Journals, Delnet-ProQuest-Management Journals.
- 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.
- Performance of Non-teaching staff members is assessed yearly through performance appraisal system.
- Grievance and redressal cell is in active functioning, there by grievances posted by faculty, staff and student 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 industry named ALPHA IMAGER PVT LIMITED, Bangalore.
- Through Industry Institute Partnership Cell (IIPC), Industrial visits, In-plant training and Industrial projects were arranged to students of all the departments.

- Students are also encouraged to undergo internship programmes in leading Industries to gain the Industry exposure.
- HR/ Managerial professionals from industries were invited to interaction 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. Employee Provident Fund for all employees.
2. Pension scheme with life insurance coverage.
3. Interest-Free loan under monthly instalment scheme to faculty members for purchasing desktop/laptops.
4. Reimbursement of medical expenses to the faculty and staff members.
5. Incentives for reputed publications done by the faculty members.
6. Group Insurance offered to a staff member for a sum of Rs.5 lakhs.
7. Registration Fee, TA & DA are provided to faculty members for participation in paper presentation / 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 journals respectively.
8. Faculty member pursuing full-time Ph.D are encouraged with financial aids.
9. Permission to pursue part-time Ph.D / PDF with On Duty.
10. To provide CL/PL encashment to our staff members on the surrendering casual leave and privilege leave.
11. Interest free Deepavali Advance is given to staff members @ Rs.5000 each or one month pay whichever is less and the same had been recovered in 10 equal installments from their salary.
1. Pongal Bonus is paid to all the Staff members. For staff members those who are having less than 2 years service will be paid Rs.750/-, with 2 to 3 years of service will be paid Rs.1000/- and above 3 years of service will be paid Rs.1250/-

Student Welfare Schemes:

1. Group insurance scheme to the students.
2. Tuition fee concession to the economical backward students and sports achievers.
3. 8 gram gold coin for the University rank holders and pay-back of tuition fee for the first rank holder.
4. Cash incentive for the best Under Graduate project.
5. Assisting students for eligible government scholarships.

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	Chartered 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 examinations marks of 100 marks has been converted to 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 autonomy status have been deliberately framed by the University which includes permanent affiliations, research department recognition, NBA and NAAC accreditations, a significant 'h' index publications and others.
- By exhibiting the above guidelines, the affiliated Institution is being encouraged by the parental 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, there by 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.
- College Alumni awards namely best Alumni award and best Entrepreneur Alumni award were constituted in this academic year which will be given every year for each department separately. These above awards were awarded to the alumni of each department in the alumni day function conducted on 23.09.2016.

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 for their wards.

6.13. Development programmes for support staff

S.No	Name of the Programme	Organizer	Dates and Duration	Number of Beneficiaries
1.	Hands on Training Programme for Technical Staffs	Electronics and Communication Engineering	19.12.2016 To 23.12.2016 Five days	04
2.	An Introduction To Open Source Software And Tools	Computer Applications	24.06.2017 One Day	71

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 ever green and pollution-free one.
- Ten permanent RCC buildings are available in the campus and all the buildings are provided with rain water harvesting units to preserve water.
- Campus greening is a regular activity of the institution. In this academic year, more than hundred tree saplings were planted inside the campus.
- All the blocks are oriented in East-West direction with shorter facades facing the Sun and that too is surrounded with big trees and there by 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 which reduces the fossil fuel requirement. Provisions are also available to use the hot water by the inmates.
- A 10m³ 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 create significant improvements in students skill set that facilitate good placement.
- Eight 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.
- More than 865 students were encouraged to participate in 8 Entrepreneurship awareness programme conducted by Entrepreneurship Cell of A.V.C. College of Engineering and other colleges.
- More than 410 students enrolled for Learnwise online course for Entrepreneurship development conducted by EDII, Tamilnadu.
- App development competition “Smart India Hackathon -2017” was conducted by Ministry of National Council Protection of Child Rights (NCPCR) at Bhopal. Six students and one faculty mentor were participated in the Grand Finale.
- Group discussions, Mock-Interviews, Online aptitude 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.
- Online student’s attendance monitoring software developed by the college is utilized in all the department to monitor the student attendance regularly.

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.	Research status of Ph.d holders: All PhD Scholars should become eligible supervisors of Anna University.	As per the requirement of Anna University, the minimum publication requirements based on Qualification and year of completion of PhD to become research supervisor is discussed. The potential faculties are encouraged and supported to achieve the publication requirements to become research supervisor. Faculties with required credentials are advised. Due to consistent effort, 4 faculties have obtained guideship from Anna University in this academic year.
2.	Research and Development: To apply for research funding from external/ internal sources.	1. Faculties are instructed to utilize the intramural research funding by the Institution. All the faculties with Ph.D are encouraged to apply for funding from AICTE and other agencies. 2. Four research proposals under RPS and proposals for other scheme such as MODROBS, Workshop/Seminar, FDP were submitted to AICTE.
3.	Formation of Industry Institute Partnership Cell(IIPC): To enhance the skill set of students in cooperation with industry.	1. Industry Institute Partnership Cell (IIPC) was formed with senior faculty as coordinator and a faculty member from each department as member of the cell. 2. Through Industry Institute Partnership Cell (IIPC), Industrial visits, In-plant training and Industrial projects were arranged to students of all the departments.
4.	Alumni Activities and Planning: To initiate various events/activities with the Alumni.	To improve alumni contribution, College Alumni awards namely best Alumni award and best Entrepreneur Alumni award were constituted in this academic year which will be given every year each department separately. These above awards were awarded to the alumni of each department in the alumni day function conducted on 23.09.2016.
5.	One Year Targeted Task for Professor/ Associate Professor/ Asst. Professor: To improve the academic standard and API score of faculties	Professor: One Research proposal (minimum), Project Consultancy Work, Effective Major contribution for development of Department, publications, chairing the session in conferences, Train the Trainers, etc., Associate Professor: Book Chapter publications, FDP Grants, Train the Trainers, Professional Membership in any of the Society, Coordination/ Presentation/ Publication in International Conferences, Counseling/

		<p>Stress Management to students.</p> <p>Assistant Professor: FDP 1 to 2 week is compulsory. Minimum of 2 trainings on Value Added courses per semester needs to be conducted for students. These courses predominantly include soft skills that improve employability of students, like conducting mock interviews etc.</p> <p>Publications, Conducting short term certificate courses or training the students on Latest Technology. They must also organize Workshop/Seminar.</p> <p>ISTE Membership is mandatory for APs. They need to do active participation in activities of ISTE chapter.</p> <p>Knowledge Up gradation of Faculty Members is a key component in Faculty Evaluation.</p> <p>Based on the above criterion, appraisal was conducted for all the faculties by getting their self appraisal form.</p>
6.	Faculty Members attended FDP: Upgrade the knowledge of faculties to attend FDP programmes.	<p>Faculties with experience of 3 years and above have to attend FDP courses compulsorily during the vocation period preferably. Totally 95 seminars and workshops were attended by the faculties in this academic year.</p>

7.3. Give two Best Practices of the institution.

- One Year Targeted Task for Professor/ Associate Professor/ Asst. Professor has been assigned as follows to improve the academic standard and API score of faculties:

For Professor, one Research proposal (minimum), Project Consultancy Work, Effective Major contribution for development of Department, publications, chairing the session in conferences, Train the Trainers, etc., For Associate Professors, Book Chapter publications, FDP Grants, Train the Trainers, Professional Membership in any of the Society, Coordination/ Presentation/ Publication in International Conferences, Counseling/ Stress Management to students has been assigned. For Assistant Professors, FDP 1 to 2 week is compulsory. Minimum of 2 trainings on Value Added courses per semester needs to be conducted for students. These courses predominantly include soft skills that improve employability of students, like conducting mock interviews etc. Publications, Conducting short term certificate courses or training the students on Latest Technology. They must also organize Workshop/Seminar. ISTE Membership is mandatory for APs. They need to do active participation in activities of ISTE chapter.

Knowledge Upgradation of Faculty Members is a key component in Faculty Evaluation. Based on the above criterion, appraisal was conducted for all the faculties by getting their self appraisal form.

- Usage of open source software instead of commercial application software is promoted for all the departments. Many computer laboratories in the college were insisted to utilize Linux open source operating system.

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 m³ 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 in to the percolation pits in all the buildings of the campus to increase the ground water level.

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

- Commercial research project from government agencies has to be initiated more.
- 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 need more attention.
- The mismatch between outcome of the academic research and Industry expectation 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.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____ *** _____

Annexure I

Student Feedback System

REPORT WINDOW

☒ 1st Year
 ☐ 2nd Year
 ☐ 3rd Year
 ☐ 4th Year
 ☐ 5th Year

Subject Name MC7204-Operating System
 Name of the Staff Mrs.A.Nagarathinam

Communication Skill of the Teacher	Excellent
Delivery of Lecture and Clarity in Teaching	Excellent
Ability of the Teacher to Explain a Particular Concept	Excellent
Audibility of Voice and Legibility in Board Writing	Excellent
Innovative Teaching Aids	Excellent
Ability of the Teacher to Respond to Difficulties Faced by Student on the subject	Good
Availability and Approachability of Teacher	Excellent
Review of University of Question papers	Excellent
Relationship with student	Good
Subject Knowledge and Preperation	Excellent
AVERAGE GRADE	Excellent

[Back](#)
[print](#)

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Annexure II

Action performed against the Student feedback



A.V.C College of Engineering
(Accredited by NAAC with 'B' Grade | ISO 9001:2008 Certified Institution)
Mannampandal, Mayiladuthurai – 609 305
Phone: 04364 – 227202, 224202



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 16/2/2017

Sir / Madam,


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

Ref: Evaluation dated 16-02-17(Academic Year 2016-17 Even Semester)

This is to inform that your grade is **Good** for your class teaching during the **VI Semester** of **III Year** for **B.E CSE** in teaching the subject **CS6612- Compiler Laboratory**.


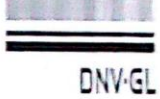

HOD

Copy to:

- 1. Faculty Member – Mrs.R.Sudha** 
- 2. File**

Annexure III

Parents Feedback

**A.V.C COLLEGE OF ENGINEERING**
MAYILADUTHURAI, MANNAMPANDAL – 609 305
Approved by AICTE & Affiliated to Anna University, Chennai
(Accredited by NAAC with B Grade (CGPA – 2.73)
(An ISO 9001:2008 Certified Institution)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING


Parent's feedback form
பெற்றோரின் கருத்து படிவம்

1. Name of the Parent/Guardian : H. Noorul Fazar
பெற்றோர்/பாதுகாவலரின் பெயர்

2. Name of the Student/Branch/Year : H. Rafidha / BE CSE / II year
மாணவர் பெயர்/பிரிவு/ஆண்டு

3. Address with contact No : 6/185 A Main Road,
கவரி மற்றும் கைப்பேசி எண் Thirukkallacherry
Cell No: 9159951254

4. Opinion about student Progress : முன்னேற்றம் தேவை நன்று மிக நன்று
மாணவரின் முன்னேற்றம் பற்றி கருத்து ☐ Progress Needed ☒ Good ☐ Excellent

5. Transport Facility : முன்னேற்றம் தேவை நன்று மிக நன்று
கல்லூரி போக்குவரத்து வசதி ☐ Progress Needed ☒ Good ☐ Excellent

6. Hostel Facility : முன்னேற்றம் தேவை நன்று மிக நன்று
விடுதி வசதி ☐ Progress Needed ☐ Good ☐ Excellent

7. Support extended by the office : முன்னேற்றம் தேவை நன்று மிக நன்று
கல்லூரி அலுவலக ஆதரவு ☐ Progress Needed ☒ Good ☐ Excellent

8. Motivation and Guidance offered by the faculty : முன்னேற்றம் தேவை நன்று மிக நன்று
Members ☐ Progress Needed ☐ Good ☒ Excellent
ஆசிரியர்கள் மூலம் வழங்கப்படும்
ஊக்குவிப்பு மற்றும் வழிகாட்டல்

9. Infrastructure facility : முன்னேற்றம் தேவை நன்று மிக நன்று
கல்லூரி உட்கட்டமைப்பு வசதி ☐ Progress Needed ☒ Good ☐ Excellent

10. Any other suggestions for improvement :
வேறு ஏதேனும் முன்னேற்றத்திற்கான பரிந்துரைகள்

24/9/16

H. Noorul Basak
Signature of the parent/Guardian
பெற்றோர் / பாதுகாவலர் கையொப்பம்

Annexure IV

Employer Feedback

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	<input checked="" type="checkbox"/>			
2.	Application of computer science theory and algorithmic principles	<input checked="" type="checkbox"/>			
3.	Application of modeling and design of computer based systems	<input checked="" type="checkbox"/>			
4.	Application of engineering knowledge in their domain Domain :- Health Care/Banking/Finance/Medical/Law/Others Others, Specify :		<input checked="" type="checkbox"/>		
5.	Analyze the problem, subdivide into smaller tasks with well defined interface for interaction among components				<input checked="" type="checkbox"/>
6.	Complete the project (given task) within the specified time frame and financial constraints	<input checked="" type="checkbox"/>			
7.	Proposal of original ideas and solutions		<input checked="" type="checkbox"/>		
8.	Design, implement and evaluation of hardware/software systems with assured quality and efficiency			<input checked="" type="checkbox"/>	
9.	Effective communication of engineering solution to peers ,leads and customers		<input checked="" type="checkbox"/>		
10.	Understanding of contemporary issues		<input checked="" type="checkbox"/>		
11.	Engagement in lifelong learning	<input checked="" type="checkbox"/>			

V. Baskar
Signature of Assessor

Annexure V

Sample Appointment Order



28th April, 2017

Sushmitha .G,
B.E (Electronics and Communication Engineering),
A.V.C. College of Engineering,
Mayiladuthurai.

Dear Sushmitha.G ,

Subject: Offer of appointment

With reference to the interview you had with us on Mar, 31, 2017, we are pleased to make you an Offer of Employment with us as **"Trainee-Programmer"**.

A detailed Appointment letter with breakup of remuneration will be given to you on joining the company and the date of joining will be confirmed later on to you.

Your appointment will be governed by the terms and conditions of the employment.

As a token of acceptance, please sign the duplicate copy of this offer letter and send back to us within 3 days of receiving the same.

We would like to personally welcome you to the family of Wilco Source and reaffirm our complete confidence in your ability to find professional and personal satisfaction here.

Best Wishes for a long, happy and rewarding career with us.

Please Note:

This Appointment is subject to satisfactory professional reference checks and should complete the course without arrears.

Sincerely yours,

For Wilco Source Technologies Pvt Ltd

M.Latheefa

A handwritten signature in blue ink, appearing to read 'M. Latheefa'.

Senior - HR Associate



A handwritten signature in blue ink, appearing to read 'G. Sushmitha' followed by the date '5/5/2017'.

Sushmitha.G

Wilco Source Technologies Pvt. Ltd

New No 31, Old No 9, "Arunachalam Towers", West Mambalam, Chennai - 600 033 Phone: 044-24748662
Website: www.wilcosource.com

Annexure VI

Academic Calendar

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

ACADEMIC CALENDAR - (2016-2017)

DAY	DATE	DEPT	EVENTS
	JULY – 2016		
SAT	09	CSE	ALUMNI GUEST
MON	11	MECH	VALUE ADDED PROGRAM - GATE COACHING - IV YEAR A&B
THU	14	S&H	ISO INTERNAL AUDIT
FRI	15	IT	CLASS COMMITTEE MEETING II, III, IV YEAR IN IT
		MECH	VALUE ADDED PROGRAMME - INTERVIEW TIPS – IV YEAR A&B
MON	18	S&H	BRIDGE COURSE FOR LATERAL ENTRY STARTS
TUE	19	CSE	CLASS COMMITTEE MEETING II, III, IV YEARS
WED	20	EEE	CLASS COMMITTEE MEETING II, III YEARS
		S&H	CLASS TEST I - REVIEW MEETING
THU	21	EEE	CLASS COMMITTEE MEETING IV YEAR
		CSE	ALUMNI GUEST LECTURE - CSI ACTIVITY
FRI	22	IT	WORKSHOP ON SECURITY LAB
		S&H	BRIDGE COURSE FOR LATERAL ENTRY ENDS..
SAT	23	IT	WORKSHOP ON SECURITY LAB
		CSE	VALUE ADDED PROGRAMME - I
MON	25	ICE	CLASS COMMITTEE MEETING - II, III, IV YEAR
		MECH	CLASS COMMITTEE MEETING II YR A & B
		ECE	I CLASS COMMITTEE MEETING II, III, IV YEARS & II ME STUDENTS
TUE	26	MECH	CLASS COMMITTEE MEETING III YEAR A & B
		EEE	GUEST LECTURE - III YEAR
WED	27	S&H	CLASS TEST II - REVIEW MEETING
		MECH	CLASS COMMITTEE MEETING IV YEAR A & B
		EEE	COUNSELING - II YEAR
THU	28	EEE	STUDENT CHAPTER INAGURATION
		ECE	GUEST LECTURE PROGRAMME
FRI	29	ECE	SOCIAL AWARENESS PROGRAMME
		EEE	COUNSELING III YEAR
	AUGUST- 2016		
MON	1	S&H	INAGURAL OF FIRST YEAR CLASSES / BRIDGE COURSE STARTS...
		MECH	GUEST LECTURE ON PROFESSIONAL ETHICS - II YR - A&B
WED	3	ECE	MOTIVATIONAL PROGRAMME
		MECH	CAREER GUIDANCE AWARENESS PROGRAMME - IV YR A&B
SAT	6	IT	COUNSELING FOR II, III, IV YEAR
		ICE	VALUE ADDED PROGRAMME

SAT	6	CSE	ALUMNI CONTRIBUTION FOR APTITUDE TRAINING
MON	8	ECE	VALUE ADDED COURSE
TUE	9	ECE	VALUE ADDED COURSE
WED	10	CE	DEPARTMENT ALUMNI MEET
		ECE	VALUE ADDED COURSE
		MECH	VALUE ADDED PROGRAMME - APTITUDE TRAINING PROGRAMME - IV YR A&B
		S&H	I CIA TEST REVIEW MEETING
THU	11	IT	WORKSHOP ON BIGDATA ANALYTICS WITH R AND HADOOP
		ECE	VALUE ADDED COURSE
		CSE	TWO DAYS WORKSHOP ON ADVANCED JAVA CONCEPTS
		EEE	COUNSELING IV YEAR
FRI	12	IT	WORKSHOP ON BIGDATA ANALYTICS WITH R AND HADOOP
		CSE	TWO DAYS WORKSHOP ON ADVANCED JAVA CONCEPTS
		S&H	BRIDGE COURSE ENDS...
		ECE	VALUE ADDED COURSE
		ICE	INDUSTRIAL GUEST LECTURE
		EEE	COUNSELING II YEAR
		MCA	1ST CLASS COMMITTEE MEETING –II MCA,III MCA
SAT	13	CE	SPECIAL LECTURE CAREER GUIDANCE AWARENESS PROGRAMME
TUE	16	CE	CLASS COMMITTEE MEETING / COUNSELING -II YEAR
		S&H	I CLASS COMMITTEE MEETING FOR ALL I YEAR
		EEE	GUEST LECTURE - IV YEAR
WED	17	CE	CLASS COMMITTEE MEETING / COUNSELING - III YEAR
THU	18	EEE	STUDENT CHAPTER MOTIVATION PROGRAMME
		ECE	SOCIAL AWARENESS PROGRAMME
		CE	CLASS COMMITTEE MEETING / COUNSELING - IV YEAR
FRI	19	CSE	II CLASS COMMITTEE MEETING II, III, IV YEARS
		MECH	ALUMNI GUEST LECTURE ON FATIGUE AND FRACTURE MECHANISMS - IV A&B
		MCA	ALUMNI GUEST LECTURE PROGRAMME ON INDUSTRY PERSPECTIVE.NET TECHNOLOGY
MON	22	EEE	CLASS COMMITTEE MEETING II YEAR
TUE	23	EEE	CLASS COMMITTEE MEETING III YEAR
WED	24	IT	II CLASS COMMITTEE MEETING II, III, IV YEAR CAREER GUIDANCE AWARENESS PROGRAMME
		EEE	CLASS COMMITTEE MEETING IV YEAR
THU	25	S&H	CLASS TEST III - REVIEW MEETING
		CE	INDUSTRIAL VISIT - IV YEAR
		ECE	INDUSTRIAL VISIT - IV YEAR
		MCA	CSI-ONE DAY WORKSHOP ON OPEN SOURCE TOOLS
FRI	26	ICE	II CLASS COMMITTEE MEETING II, III, IV YEARS
		ECE	INDUSTRIAL VISIT - IV YEAR

SAT	27	ECE	INDUSTRIAL VISIT - IV YEAR
		CSE	VALUE ADDED PROGRAMME - II
SAT	27	EEE	COUNSELING II YEAR
		ALL DEPTS	PARENTS MEETING FOR ALL DEPARTMENTS II YEARS
SUN	28	ECE	INDUSTRIAL VISIT - IV YEAR
MON	29	ECE	WORKSHOP
WED	31	EEE	WORKSHOP , COUNSELING IV YEAR
		IT	INAGURATION OF IETE STUDENTS CHAPTER AND WOMEN EMPOWERMENT PROGRAMME
		MECH	CLASS COMMITTEE MEETING II YR A & B
	SEPTEMBER – 2016		
THU	1	EEE	COUNSELING III YEAR
		MECH	CLASS COMMITTEE MEETING III YR A & B
		ECE	II CLASS COMMITTEE MEETING II, III, IV YEARS II ME STUDENTS
		MCA	TWO DAYS WORKSHOP ON ADVANCED JAVA PROGRAMMING-STRUTS AND HIBERNATE
FRI	2	ECE	CAREER GUIDANCE AWARENESS PROGRAMME
		MECH	CLASS COMMITTEE MEETING IV YR A & B
TUE	6	S&H	CLASS TEST IV- REVIEW MEETING
THU	8	MCA	HANDS-ON INDUSTRY PERSPECTIVE TRAINING PROGRAMME IN “C “
FRI	9	IT	ALUMNI GUEST LECTURE PROGRAMME
SAT	10	ALL DEPTS	PARENTS MEETING FOR ALL DEPARTMENTS - III YEARS
MON	12	CSE	VALUE ADDED PROGRAMME - III
WED	14	ECE	STUDENTS TRAINING PROGRAMME
		ICE	WORKSHOP
THU	15	S&H	I CLASS TEST REVIEW MEETING FOR I YEARS / II CIA TEST - REVIEW MEETING
		ECE	STUDENTS TRAINING PROGRAMME
FRI	16	S&H	II CLASS COMMITTEE MEETING FOR I YEARS
		MECH	WORKSHOP ON FIRE AND SAFETY - IV YR A&B
		ECE	STUDENTS TRAINING PROGRAMME
		MCA	2ND CLASS COMMITTEE MEETING –II MCA,III MCA
SAT	17	ALL DEPTS	PARENTS MEETING FOR ALL DEPARTMENTS - IV YEARS
MON	19	ICE	CAREER GUIDANCE AWARENESS POGAMME
TUE	20	CE	CLASS COMMITTEE MEETING / COUNSELING - II YEAR
		S&H	GUEST LECTURE PROGRAMME
WED	21	IT	III CLASS COMMITTEE MEETING II, III, IV YEAR
		EEE	SEMINAR FOR EXTERNAL FACULTY MEMBERS
		CE	CLASS COMMITTEE MEETING / COUNSELING - III YEAR
THU	22	CE	CLASS COMMITTEE MEETING / COUNSELING - IV YEAR
		MCA	1ST CLASS COMMITTEE MEETING –I MCA

FRI	23	ECE	ALUMNI GUEST LECTURE PROGRAMME
SAT	24	CSE	GUEST LECTURE
		ECE	ALUMNI MEET
MON	26	ECE	I CLASS COMMITTEE MEETING –I ME
		CSE	III CLASS COMMITTEE MEETING II, III, IV YR & I ME
		S&H	CLASS TEST II - REVIEW MEETING FOR ALL COURSES / V CLASS TEST REVIEW MEETING
TUE	27	ICE	III CLASS COMMITTEE MEETING II, III, IV YEAR
WED	29	MCA	PARENTS MEETING-II MCA,III MCA
THU	29	ALL DEPTS	TECHNOTHIRST 2016
FRI	30		
	OCTOBER 2016		
MON	3	IT	STUDENTS FEEDBACK ANALYSIS
		MECH	CLASS COMMITTEE MEETING II YR A & B
TUE	4	CE	CLASS COMMITTEE MEETING / COUNSELING - II YEAR
		S&H	I CIA TEST - REVIEW MEETING FOR ALL COURSES / VI CLASS TEST REVIEW MEETING
		MECH	CLASS COMMITTEE MEETING III YR A & B
		MCA	GUEST LECTURE PROGRAMME ON -TIME MANAGEMENT
WED	5	CE	CLASS COMMITTEE MEETING / COUNSELING - III & IV YEAR
		S&H	III CLASS COMMITTEE MEETING FOR ALL COURSES
		EEE	COUNSELING II YEAR
		MECH	CLASS COMMITTEE MEETING III YR A & B
THU	6	ECE	III CLASS COMMITTEE MEETING II, III, IV YEARS II ME STUDENTS
		EEE	CAREER GUIDANCE AWARENESS PROGRAMME
FRI	7	MCA	ONE DAY WORKSHOP ON “EXPLORING OF JAVA”
SAT	8	CSE	CAREER GUIDANCE AWARENESS PROGRAMME
		ICE	ALUMNI GUEST LECTURE
MON	10	MCA	3RD CLASS COMMITTEE MEETING –II MCA,III MCA
TUE	11	CSE	II CLASS COMMITTEE MEETING - I ME
THU	13	EEE	COUNSELING III YEAR
FRI	14	S&H	GUEST LECTURE PROGRAMME
		EEE	COUNSELING IV YEAR
FRI	21	MCA	2ND CLASS COMMITTEE MEETING –I MCA
		CSE	COMPUTER AWARENESS PROGRAMME FOR SCHOOL STUDENTS
SAT	22	ECE	STUDENTS FEEDBACK ANALYSIS
MON	24	S&H	III CLASS TEST REVIEW MEETING FOR I YEARS / MODEL EXAM REVIEW MEETING
	NOVEMBER-2016		
THU	3	ECE	II CLASS COMMITTEE MEETING –I ME
		CSE	FACULTY DEVELOPMENT PROGRAMME

FRI	4	S&H	IV CLASS TEST REVIEW MEETING FOR I YEARS
		CSE	FACULTY DEVELOPMENT PROGRAMME
SAT	5	CSE	III CLASS COMMITTEE MEETING - I ME
THU	10	MCA	3RD CLASS COMMITTEE MEETING –I MCA
FRI	11	S&H	II CIA TEST REVIEW MEETING FOR I YEARS
MON	14	ECE	FACULTY DEVELOPMENT PROGRAMME BEGINS...
		S&H	IV CLASS COMMITTEE MEETING FOR I YEARS
SUN	20	ECE	FACULTY DEVELOPMENT PROGRAMME ENDS...
MON	28	ECE	III CLASS COMMITTEE MEETING –I ME
WED	30	S&H	V CLASS TEST REVIEW MEETING FOR I YEAR
	DECEMBER – 2016		
THU	8	S&H	VI CLASS TEST REVIEW MEETING FOR I YEARS
FRI	16	S&H	MODEL EXAM REVIEW MEETING FOR I YEARS
		ALL DEPTS	GATE COACHING BEGINS... BY INTERNAL FACULTY
WED	28	ALL DEPTS	GATE COACHING ENDS... BY INTERNAL FACULTY
	JANUARY - 2017		
SAT	7	IT	INAUGURATION IETE STUDENT’S CHAPTER
		IT	GUEST LECTURE PROGRAMME FOR CYBER FORENSICS AND INFORMATION SECURITY
TUE	10	EEE	SEMINAR
THU	12	CSE	CLASS COMMITTEE MEETING – I (II, III, IV YEAR)
FRI	20	IT	FIRST CLASS COMMITTEE MEETING FOR II , III AND IV YEAR
		CSE	GUEST LECTURE
		ICE	CLASS COMMITTEE MEETING – II, III, IV YEAR
FRI	27	MECH	WORKSHOP
SAT	28	CE	SEMINAR
		MCA	FIRST CLASS COMMITTEE MEETING FOR II YEAR MCA
MON	31	MCA	ALUMNI GUEST LECTURE PROGRAMME “LATEST TRENDS IN WEB DEVELOPMENT”
		CSE	CLASS COMMITTEE MEETING – I (I ME)
		CE	CLASS COMMITTEE
	FEBRUARY – 2017		
WED	1	MECH	AN AWARENESS PROGRAM ON DRIVING PRACTICES FOR FUEL CONSERVATION BY ONGC & ENFUSE
FRI	3	ICE	CAREER GUIDANCE PROGRAMME
MON	6	MECH	CLASS COMMITTEE MEETING -I
		IT	HANDS ON WORKSHOP ON APPLICATION DEVELOPMENT USING C#.NET
TUE	7	MCA	FIRST CLASS COMMITTEE MEETING FOR I YEAR MCA
THU	9	EEE	CERTIFIED PROGRAMME
SAT	11	IT	COUNSELLING FOR II , III AND IV YEAR STUDENTS
MON	13	CSE	CLASS COMMITTEE MEETING – II (II, III, IV YEAR)

		IT	WORKSHOP FOR WEB HOSTING
TUE	14	ECE	FIRST CLASS COMMITTEE MEETING – II ECE, III ECE, IV ECE
		ICE	INDUSTRIAL GUEST LECTURE
WED	15	CSE	VALUE ADDED PROGRAM - I
FRI	17	MECH	RECENT TRENDS IN NON DESTRUCTIVE TESTING
		CE	WORKSHOP
MON	20	ECE	GUEST LECTURE PROGRAMME
		IT	SECOND CLASS COMMITTEE MEETING FOR II , III AND IV
		MBA	INTERNATIONAL GUEST LECTURE BY PROF. STEPHEN E.G. LEA.
WED	22	ECE	FIRST CLASS COMMITTEE MEETING – I M.E (APPLIED ELECTRONICS)
THU	23	CSE	CLASS COMMITTEE MEETING – II (I ME)
		MCA	TWO DAYS WORKSHOP ON ADVANCED JAVA PROGRAMMING CONCEPTS
FRI	24	ICE	CLASS COMMITTEE MEETING – II, III, IV YEAR
		CE	CLASS COMMITTEE
SAT	25	IT	DIGITAL CURRENCY FOR A CASHLESS INDIA - SOCIETAL PROGRAMME
TUE	28	MCA	CSI(PG)- GUEST LECTURE PROGRAMME ON “ SECURITY IN CLOUD COMPUTING”
	MARCH – 2017		
FRI	3	ICE	WORKSHOP
		MCA	ONE DAY WORKSHOP ON MOBILE APPS DEVELOPMENT USING ANDROID
FRI	10	IT	ALUMNI GUEST LECTURE PROGRAMME
SAT	11	CSE	ALUMNI GUEST LECTURE – CSI ACTIVITY
		IT	THIRD CLASS COMMITTEE MEETING FOR II , III AND IV YEAR
FRI	17	MCA	ONE DAY AWARENESS & COACHING PROGRAMME ON "TANCET - 2017"
		MBA	FREE TANCET COACHING FOR MBA ASPIRANTS
SAT	18	MECH	CLASS COMMITTEE MEETING -II
MON	20	CSE	CLASS COMMITTEE MEETING – II (II, III, IV YEAR) & (I – ME)
		MBA	GUEST LECTURE ON “CORPORATE SOCIAL RESPONSIBILITY OF INDIAN FIRMS”
WED	22	ECE	SECOND CLASS COMMITTEE MEETING – II ECE, III ECE, IV ECE
FRI	24	ICE	PARENTS MEETING
		MCA	ALUMNI GUEST LECTURE PROGRAMME “JOB OPENING FOR TESTING AND DATA ANALYSTICS”
SAT	25	CSE	VALUE ADDED PROGRAM - II
MON	27	IT	STUDENTS FEEDBACK ANALYSIS
TUE	28	ICE	CLASS COMMITTEE MEETING – II, III, IV YEAR
		CE	CLASS COMMITTEE
	APRIL 2017		
TUE	4	ECE	SECOND CLASS COMMITTEE MEETING – I M.E (APPLIED ELECTRONICS)
		ECE	STUDENTS FEEDBACK – II & IV ECE

WED	5	ECE	STUDENTS TRAINING PROGRAMME
THU	6	MBA	ALUMNI GUEST LECTURE
SAT	8	CSE	VALUE ADDED PROGRAM - III
MON	10	MECH	CLASS COMMITTEE MEETING -III
TUE	11	MBA	3 DAYS INDUSTRIAL VISIT - I & II MBA
THU	13	ECE	VALUE ADDED COURSE
FRI	14	MCA	PARENTS MEET FOR I YEAR & II YEAR MCA
MON	17	MBA	WORKSHOP ON FINANCIAL PLANNING
		CE	PARENTS MEETING
WED	19	ECE	STUDENTS FEEDBACK – III ECE
		MCA	SECOND CLASS COMMITTEE MEETING FOR I YEAR & II YEAR MCA
FRI	21	CSE	ONE DAY WORKSHOP
FRI	28	MCA	ONE DAY WORKSHOP ON BIG DATA FRAMEWORK USING HIVE AND PIG
			MAY 2017
FRI	5	MCA	STUDENTS FEEDBACK ANALYSIS
			JUNE 2017
WED	21	MBA	FDP ON BEHAVIOUR MODELING
THU	22	MBA	
FRI	23	MBA	