VIDYAA VIKAS
COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE - New Delhi and Affiliated to Anna University - Chennai

Accredited by NAAC with 'A' Grade | Recognized by UGC Under Section 2(f) of UGC Act 1956

Tiruchengode, Namakkal District - 637 214, Tamil Nadu.

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Since 1978 in the Educare Field

Annual Quality Assurance Report

2017 - 2018

SUBMITTED TO

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

The Annual Quality Assurance Report (AQAR) of the IQAC

AQAR OF THE YEAR 2017-2018

Part – A

1. Details of the Institution

1.1 Name of the Institution

> VIDYAA VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY

1.2 Address Line 1

> Koottappalli Post

Address Line 2

> Varahoorampatty Village

City/Town

> Tiruchengode

State

> Tamilnadu

Pin Code

> 637214

Institution e-mail address

> principal@vvcet.ac.in

Contact Nos.

> 9442141122

Name of the Head of the Institution:

> Dr. K. Samidurai

Tel. No. with STD Code:

> 04288282222

Mobile:

> 9442141122

Name of the IQAC Co-ordinator:

> M. Manikandan

Mobile:

> 9865975926

IQAC e-mail address:

> iqac@vvcet.ac.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* TNCOGN26251

1.4 **NAAC Executive Committee No. & Date:**

F.19.26/EC(SC-18)/DO/2016/8.1
Dated 5.11.16

1.5 Website address: www.vvcet.ac.in

Web-link of the AQAR: www.vvcet.ac.in/naac/aqar17_18.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.05	2016	05/11/16 to 04/11/2021
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :DD/MM/YYYY   08/06/2015

1.8 AQAR for the year *(for example 2010-11)*   2017-2018

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

(*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

   i. AQAR   *2016-17 submitted to NAAC on 04-11-2017*   (DD/MM/YYYY)

   ii. AQAR_____ ____N.A._____ (DD/MM/YYYY)

   iii. AQAR_____ ____N.A._____ (DD/MM/YYYY)

   iv. AQAR_____ ____N.A._____ (DD/MM/YYYY)

1.10 Institutional Status

   University   State ✔   Central ☐   Deemed ☐   Private ☐

   Affiliated College   Yes ✔   No ☐

   Constituent College   Yes ☐   No ✔

   Autonomous college of UGC   Yes ☐   No ✔

Regulatory Agency approved Institution   Yes ☑   No ☐

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

Type of Institution   Co-education ☑   Men ☐   Women ☐

Urban ☐   Rural ☑   Tribal ☐

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

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

1.11 Type of Faculty/Programme

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

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

Others   (Specify)   [.]

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

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

Autonomy by State/Central Govt. / University   [-]

University with Potential for Excellence [-]   UGC-CPE [-]

DST Star Scheme [-]   UGC-CE [-]

UGC-Special Assistance Programme [-]   DST-FIST [-]

UGC-Innovative PG programmes [-]   Any other *(Specify)* [-]

UGC-COP Programmes [-]

2. IQAC Composition and Activities

2.1 No. of Teachers | 9

2.2 No. of Administrative/Technical staff | 1

2.3 No. of students | -

2.4 No. of Management representatives | 1

2.5 No. of Alumni | 1

2. 6 No. of any other stakeholder and

community representatives | -

2.7 No. of Employers/ Industrialists | 3

2.8 No. of other External Experts | 2

2.9 Total No. of members | 17

2.10 No. of IQAC meetings held | 3

2.11 No. of meetings with various stakeholders: No. | 3   Faculty | 3

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 | -

2.14 Significant Activities and contributions made by IQAC

The IQAC played a very active role in inculcating the sense of providing quality education to the students with the following quality objectives for 2017-2018.

1. Steps are taken to attract the students of other states by means of wide publicity and quality improvement.

2. As a first step to obtain the autonomous status 2F status is granted by UGC.

3. Our college has an AICTE approved Professional Skill Training Centre under the PMKVY-TI scheme. We have trained more than 175 Members under various sectors. We extend our support to 425 members for the academic year 2018-19 for them to get training in various skills.

4. College has adopted 5 nearby villages under the aegis of Unnat Bharat Abhiyan

5. Students are motivated to undergo internship during their semester holidays.

6. For more number of students to participate in sports activity sports materials procured in large quantity.

7. Decided to impart yoga for the students of all the years and visits to ARIVU Tirukkovil located in Pollachi is made mandatory for all the students at least once in the period of study.

8. More number of students are enrolled in Rangers and Rovers unit from the college, significant no of students conford RAJYAPURASKAR award by the governor of Tamilnadu for their outstanding contribution.

9. Zonal meet was organized, free food and accommodation was provided for neighboring institutions

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 *

Plan of Action	Achievements
➢ Admissions ➢ Results ➢ Co-curricular Activities ➢ Placement ➢ Entrepreneurship Skill ➢ Sports Activities ➢ Extension & Outreach activities ➢ Skill development	IQAC contributed much for the development of the institution in various aspects, out of which 8 areas are more focused by the IQAC. The areas listed in the Plan of Action gets more attention and shown good improvement in the current Academic year when compared with the last year.

Attach the Academic Calendar of the year as Annexure.

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

Management ✔   Syndicate ☐   Any other body ☐

Provide the details of the action taken

- Management reviewed the AQAR report and gave suitable suggestions
- Academic audit was conducted yearly once in the IQAC and various plan implemented to strengthen the academic progress.
- IQAC strengthened the campus placement process through Memorandum of Understanding with various industries to build up the Industry Institute Interaction at various levels

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	4	-	-	-
UG	5	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	9	-	-	--

Interdisciplinary	-	-	-	-
Innovative	-		-	-

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

     (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	9
Trimester	-
Annual	-

1.3 Feedback from stakeholders*   Alumni ☑   Parents ☑   Employers ☐   Students ☑
 (On all aspects)

   Mode of feedback   :   Online ☑   Manual ☐   Co-operating schools (for PEI) ☐

*Please provide an analysis of the feedback in the Annexure

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

<div align="center">--NIL--</div>

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

<div align="center">--NIL--</div>

Criterion – II

2. Teaching, Learning, and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
146	99	27	15	06

2.2 No. of permanent faculty with Ph.D.

11

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
11	-	-	-	-	-	-	-	11	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

06	-	-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	-	24	-
Presented papers	-	-	-
Resource Persons	-	2	-

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

- Usage of E-learning – resources from National Programme on Technology Enhanced Learning (NPTEL) lectures by experts.
- Special remedial class work was planned on the basis of results of previous semester and subject difficulties.
- Visits to the library and access of internet helps to know about the latest trends in technology and many novel applications. Blending these novel applications with the theoretical concept always helps to bring students close to the concept. The Institution library is well stocked with books, journals, and back volumes, projects including ebooks and e-journals, text books, reference books.
- Through Organizing Industrial/Educational tours and visits to various companies, industries help students to gain real experience about the outside world.
- Animation Videos for the students to learn the fundamentals in Depth.

2.7 Total No. of actual teaching days

during this academic year

180 Days

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

As per Anna University norms

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

Not applicable - Non-autonomous affliated institution

as member of Board of Study/Faculty/Curriculum Development workshop : NIL

2.10 Average percentage of attendance of students

85%

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. CIVIL	57	-	40%	5%	-	45%
B.E. CSE	20	-	40%	-	-	40%
B.E. ECE	54	3.7%	42.5%	9.2%	-	55.55%
B.E. EEE	21	-	42.8%	9.5%		52.3%
B.E. MECH	64	0	35.9%	7.8%	-	43.75%
M.E. CSE	3	100%	-	-	-	100%
M.E. ED	-	-	-	-	-	-
MBA	26	-	38%	-	-	38%
MCA	06	-	66.67%	-	-	66.67%

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

- ✓ The teaching learning processes were regularly monitored and evaluated by a team of senior faculty members. IQAC suggested the departments to organize e-classes, seminars, educational tours & excursions. In this way IQAC encourages quality teaching & learning processes of the college.

- ✓ Remedial classes are conducted to improve the academic performance of the slow learners.

- ✓ Seminars / Guest lectures are conducted to kindle the interest in students about the recent developments in various areas.

- ✓ Campus Recruitment Training (CRT) classes are conducted to improve the employability of the students.

- ✓ Faculty development programmes / workshops are conducted to introduce the recent developments in a given area of science and technology to the concerned group of faculty members.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-

Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	7
Summer / Winter schools, Workshops, etc.	24
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	17	-	-	-
Technical Staff	16	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

1. Identifying key areas for research.

2. Motivating faculty members for research.

3. Guidance given to faculty members for proposal preparation and submission.

4. Arranging training, seminar and workshop related to Research and Consultancy work

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs	0	0	0	0

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	0	0	0
Outlay in Rs. Lakhs	0.12	0	0	0

3.4 Details on research publications

	International	National	Others
Peer Review Journals	0	0	0
Non-Peer Review Journals	0	0	0
e-Journals	0	0	0
Conference proceedings	5	0	0

3.5 Details on Impact factor of publications:

Range [0]   Average [0.4]   h-index [0]   Nos. in SCOPUS [0]

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	0	0	0	0
Minor Projects	0	0	0	0
Interdisciplinary Projects	0	0	0	0
Industry sponsored	0	0	0	0
Projects sponsored by the University/ College	0	0	0	0
Students research projects *(other than compulsory by the University)*	0	0	0	0
Any other(Specify)	0	IEI- Salem	30000	30000
Total	0	1	30000	30000

3.7 No. of books published: i)With ISBN No. [4]   Chapters in Edited Books [0]

ii) Without ISBN No. [0]

3.8 No. of University Departments receiving funds from

UGC-SAP [0]   CAS [0]   DST-FIST [0]

DPE [0]   DBT Scheme/funds [0]

3.9 For colleges Autonomy [0]   CPE [0]   DBT Star Scheme [0]

INSPIRE [0]   CE [0]   Any Other (specify) [0]

3.10 Revenue generated through consultancy in Lakhs [0.32]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	0	0	0	0
Sponsoring agencies	ASDF	0	0	0	0

3.12 No. of faculty served as experts, chairpersons or resource persons [1]

3.13 No. of collaborations International [0] National [0] Any other [01]

3.14 No. of linkages created during this year [0]

3.15 Total budget for research for current year in lakhs:

From Funding agency [0]   From Management of University/College [0.2]

Total [0.2]

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	0
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

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
0	0	0	0	0	0	0

3.18 No. of faculty from the Institutionwho are Ph. D. Guides

| 0 |

 and students registered under them

| 0 |

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

| 2 |

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 | 70 | State level | - |
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 | 0 | State level | 0 |
National level | 0 | International level | 0 |

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 | 3 | Any other | 1 |

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

- ✓ Conducted blood donation camp
- ✓ Diwali fire safety awareness rally program
- ✓ Disaster management awareness program
- ✓ Eye screening camp

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	12549.55	-	-	12549.55
Class rooms	35	-	-	35
Laboratories	52	-	-	52
Seminar Halls	8	-	-	8
No. of important equipments purchased (≥ 1- 0 lakh) during the current year.	-	NIL	Management	NIL
Value of the equipment purchased during the year (Rs. in Lakhs)	-	NIL	Management	NIL
Others	-	-	-	-

4.2 Computerization of administration and library

- Student's entry to access internet facility became barcode facility for fast access.
- Smart card system is introduced to enter into server room.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	19371	60.37	184	1.42	19555	61.79
Reference Books						
e-Books	148	3.46	Subscription Renewed		148	3.46
Journals						
e-Journals						
Digital Database						
CD & Video						
Others (specify)	30	0.17	Subscription Renewed		30	0.17

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	673	8	32	2	-	-	-	-
Added	-	-	16	-	-	-	-	-
Total	673	8	48	2	-	-	-	-

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

1. Faculty Development Programs on "Cisco Packet tracer simulation training program" was conducted for members of CSE & MCA faculty.

4.6 Amount spent on maintenance in lakhs:

   i) ICT   3.20

   ii) Campus Infrastructure and facilities   1.20

   iii) Equipments   0.70

   iv) Others   0.30

                         Total: 5.4

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Bridge course is conducted every year for 1st Year students.
- Free Wi-Fi facility given for hostel students.
- Updated new study materials are available in the college website for the use of students with question bank.
- Common computer center (Internet laboratory) for surfing.
- Conducting yoga classes regularly for all year students.
- Sports metrials stock enhanced for more no of studetns to participate in the sports activities.
- Desktop computers and internet facility have been provided for boys and girls hostel to work after college hours.

5.2 Efforts made by the institution for tracking the progression

- Student performance is monitored through assessment tests.
- The examination system has inbuilt mechanism for monitoring the progression.
- Complaints posted in the suggestion boxes are discussed and appropriate action is taken on them.
- The academic progress report and attendance of all students are regularly sent to their parents in addition to information over phone.
- Making college bus facility available for field visits.
- Conducted value added course, Seminar for the students to enhance their employability skills and placement opportunities.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
757	97	-	-

(b) No. of students outside the state

NIL

(c) No. of international students

NIL

Men

No	%
558	65.33

Women

No	%
296	34.66

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
496	336	22	-	-	854	326	501	27	-	-	854

Demand ratio: NIL   Dropout %:6.55

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

- o Conducted National Level Conference, workshops and Symposium on recent trends.
- o Providing Value added courses apart from the prescribed curriculum.
- o Aptitude and soft skills required for all competitive exams are imparted by the placement and training cell.

No. of students beneficiaries | 69 |

5.5 No. of students qualified in these examinations

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

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

5.6 Details of student counselling and career guidance

- Counseling sessions and motivational talks, by inviting experts and professionals for the benefits of the students are being organized.
- For career guidance HR experts, consultants for the students to study abroad are being invited.
- Class Adviser and Placement coordinator in each department conduct regular counseling sessions for students on a one-to-one basis and in the presence of parents if required.

No. of students benefitted | 213 |

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
08	161	148	39

5.8 Details of gender sensitization programmes

"World Womens Day" held in association with Inner wheel club, Chennai on 08/03/2018 to create awareness among the working women about Vishakha guidelines, hygiene, women empowerment etc.,

5.9 Students Activities

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

State/ University level | 10 | National level | - | International level | - |

No. of students participated in cultural events

State/ University level | 2 | National level | - | International level | - |

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

| 4 | | - | | - |

Sports : State/ University level   National level   International level

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

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	118	20,30,360
Financial support from government	797	76,37,685
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11   Student organised / initiatives

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

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

5.12   No. of social initiatives undertaken by the students | 7 |

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

"To be a world class Engineering Institution in leading technological and socioeconomic development of the country by enhancing the global competitiveness of technical manpower and by ensuring high quality technical education through dissemination of knowledge, insights and intellectual contributions" .

Mission

"To offer Value based Education to prepare the students to acquire engineering knowledge, to make them fit for jobs, to serve the nation and to mould them as useful citizens with exemplary character"

6.2 Does the Institution/Department has a management Information System

Yes, the Institution has a Management Information System.
- ✓ Accounts and Financial works
- ✓ Library Information System
- ✓ Student records

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

6.3.1 Curriculum Development

- ✓ Feedback obtained from the stakeholders viz., teachers, students, alumni, experts from industries and Parents.
- ✓ Projects for Final Year UG & PG Students

6.3.2 Teaching and Learning

A wide range of teaching/learning strategies such as collaborative/team teaching, integration of technology in the classroom, field and industrial visits, project work, summer internship, mandatory dissertation writing at the postgraduate level, group discussion, seminar, peer Learning, paper presentations etc.

The following activities augment learning outcomes:
- ✓ Allowing students to carry out their internships at companies for gaining practical skills, workplace experience and greater knowledge of that industry
- ✓ Capacity building programmes on Soft Skills, Seminars, Conferences and Workshops conducted by the College and the departments.
- ✓ The Entrepreneurship Development Cell which orients students about entrepreneurship and motivates them for successful entrepreneurship.
- ✓ NPTEL programme has been provided to the Faculty members.
- ✓ The Central Library has a large number of books and magazines along with e-library facility.
- ✓ Periodic Class Committee meetings: Based on the class committee meeting outcome Academic Review Meeting is conducted by the principal.

6.3.3 Examination and Evaluation

- ✓ Monitoring the performance of the students by means of Internal Exams, End Semester Exams, and Continuous Evaluation.
- ✓ Communication of evaluation methods to the students by faculty at the beginning of each Semester.

6.3.4 Research and Development

Financial support is also given by the Management to faculty to attend conferences and other technical events. Members of faculty are permitted to do PhD under part time category in the university which affiliated our college.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- ✓ 24x7 Wi-Fi facility is provided for the students to use their laptops in the college premises
- ✓ NPTEL (National Programme on Technology Enhanced Learning) web courses and
- ✓ Open Coursewares are being used by staff and students to enhance their skills
- ✓ The college campus has been monitored with CCTV facility for vigilance.
- ✓ Members of National digital Library (NDL) to browse e-journals and e-books.

6.3.6 Human Resource Management

- ✓ The management assesses adequacy of man power requirement every year.
- ✓ Annual assessment of faculty is done through Faculty Self-Appraisal Form for Professors, Associate Professors and Assistant Professors to assess the faculty members' skill development, contribution to Institution's growth, and improvement of teaching and learning process.
- ✓ Faculty shall submit the self-appraisal report to the management for its perusal.
- ✓ HOD will assess the performance of the non-teaching and report for the same will be submitted to the principal every year

6.3.7 Faculty and Staff recruitment

The Institution recruits Faculty members based on the guidelines provided by the AICTE and Anna University. Adequate number of qualified Teaching and Supporting Staff are appointed through open advertisement. The steps are as follows,

- ✓ Publishing the advertisement in the Leading daily newspapers.
- ✓ Scrutinizing of Application as per the college norms.
- ✓ Conducting Interview in the presence of Internal and External Experts.
- ✓ Selection of Candidates is as per the norms.

6.3.8 Industry Interaction / Collaboration

- ✓ Membership with EEDISSIA (Erode District Small Industries Association) and CII (Confederation of Indian Industry)
- ✓ Entrepreneurship Development Cell (EDC) organizes various programmes on the awareness of entrepreneurship with resources persons invited from industries of Banking, Manufacturing, service sectors etc.
- ✓ Guest lecturers are being conducted for faculty members and students by Industrial Experts

6.3.9 Admission of Students

- ✓ The admissions of the students are strictly followed as per rules and regulation based on the Government of Tamil Nadu and AICTE and ANNA University norms.
- ✓ Admission of students to various programmes is done through a Single Window System (SWS) and Management Quota System (MQS). Admission through SWS is done by the Tamilnadu State Government and MQS is also based on merit following the norms prescribed by Anna University and Government of Tamilnadu.

6.4 Welfare schemes for

Teaching	✓ Transport facilities ✓ Medical and Maternity Leave ✓ EPF ✓ Group Insurance ✓ Foods at subsidized prices in the college mess.
Non-Teaching	✓ Transport facilities ✓ Medical and Maternity Leave ✓ EPF ✓ Group Insurance ✓ Foods at subsidized prices in the college mess.
Students	✓ Group Insurance scheme for students. ✓ Dispensary in college campus to look after the medical needs. ✓ Foods at subsidized prices in the college mess for day scholar students.

6.5 Total corpus fund generated   35 Lakhs

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	
Academic	No	--	Yes	IQAC
Administrative	Yes	Charted Accountants	No	--

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

For UG Programmes   Yes   ✓   No   ☐

For PG Programmes   Yes   ✓   No   ☐

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

The affiliating University has the following examination reforms

✓ Issue of photocopies of the Answer scripts to the students after the first valuation.
✓ Revaluation system
✓ Review of revaluation
✓ Grace marks are awarded for questions from out of syllabus or for discrepancies in question papers.

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

To obtain Autonomous status, university framed guidelines for any institution and supports all initiatives of the institution for the same.

6.11 Activities and support from the Alumni Association

✓ Alumni Interacts with students through guest lectures and seminars.
✓ Alumni entrepreneurs motivate students to encourage students to become entrepreneurs.
✓ Alumni association meets frequently to discuss the developments.
✓ Alumni association provides information about the expectations of Industries from the students on all aspects.

6.12 Activities and support from the Parent – Teacher Association

There is constant interaction between class advisors and parents which helps to provide timely support and encouragement to students in times of need. Additionally, when there is a disciplinary problem or if there is poor academic performance in the examinations, parents and class advisors facilitate counselling to the student concerned by the HOD / Principal.

6.13 Development programmes for support staff

Training for supporting staff on

- ✓ Computer literacy.

- ✓ Internet

- ✓ Non-Teaching staff members are encouraged to pursue higher education.

Criterion – VII
Innovations and Best Practices

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

- Green Audit of full grown trees of campus in institute during year 2017-18
- Academic and lesson plan with video lectures prepared by each faculty.
- Improving soft skills of the student through training and placement.
- Improving teaching and technical skills of faculty by various programmes.
- Increasing placement opportunities for the student.
- Improving social involvement of the students by NSS, Rangers & Rovers.
- The students are taught for content beyond the syllabus.
- Value added courses to improve the technical skills of the student.
- Industrial Visit was organized to increase the core knowledge of the students.
- Yoga class was conducted to make the students healthy and stress free.
- Organized competition among students to expose their talent in their mother tongue.

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

- It was planned to plant 50 trees in college campus during the academic year 2017-18. Accordingly, 55 trees are planted and grown successfully till date by the Institute.
- Expert lectures, Seminars and events conducted for the students.
- In order to keep the students healthy and strees free one-day program on "Yoga and Meditation" was organized by Manavalakalai Mandram on 21.06.2017.
- "Blood Donation Camp" conducted by "Youth Red Cross" club on 11-10-2018.
- To improve the social involvement of the students our NSS team organized the following events
  - ❖ An awareness rally on "Dengue awareness " was conducted on 02.08.2017
  - ❖ In association with Titan eye plus - Tiruchengode, Eye screening camp was organized in our campus during 05.03.2018-07.03.2018.

CSE
- Organized Two days All India seminar on "Machine Learning Algorithms for Bioinformatics Application", during 26.09.2018 -27.09.2018.
- Organized Anna University sponsored Faculty Development Program on "Problem Solving and Python Programming" during 01-6-18 to 07-06-2018.
- Organized National Level Technical Symposium, "ELIT2K18" on 03.03.2018.
- Organized Guest Lecture on " Digital Marketing" on 13.09.2017

Civil

➢ Organized one day Seminar on "Flood Control Management" on 16-10-2017.

ECE

➢ Arranged Industrial Visit to our students to Cochin & Bangalore on 25.08.2017.

➢ Arranged Industrial Visit to our students to Ooty on 20.09.2018

➢ Organized Workshop on "PCB Design PLC,SCADA and Networking" on 14.09.2017.

➢ Organized Guest Lecture on " Digital Electronics and Digital Image Processing" on 13.09.2017

➢ Organized One-day program on "Yoga and Meditation" by Manavalakalai Mandram on 21.06.2017.

➢ Organized Orientation program on "Work Life Balance" by Sri Sathya Sai Centre for excellency during 06.08.2017 and 07.08.2017

➢ Organized National Level technical symposium "AERATZ 2018",on 03.03.2018.

➢ Organized Workshop on PCB Design, Ethical Hacking and Li-Fi Technology on 21.03.2018

EEE

➢ Organized National Level Technical Symposium, "GIBEON2K18" on 03.03.2018.

➢ Organized an one day workshop on "Industrial Automation" on 23.02.2018.

➢ Organized industrial visit to Kerala, during 24.08.2017-26.08.2017.

MBA

➢ Organized guest lecture on "Innovations in Marketing – Recent trends" on 11-07-2017.

➢ One day workshop on Entrepreneurship Awareness Camp, 24.10.2017.

MCA

➢ Organized one day Seminar on, "Android Application Development" on 15.06.2018.

➢ Our Placement and training department is vibrant enough to get all our students placed in various companies. The details of placement record during this academic year (17-18) is listed below.

S.No	Date of Interview	Company Name	No of Students Placed
1	23/09/2017	Alpha Associates, Coimbatore	33
2	11/11/2017	Amazon, Chennai	1
3	15/12/2017	S Associates	1
4	15/12/2017	TSR Construction	1
5	18/12/2017	Archits Builders	1
6	19/12/2017	Cray Supercomputers Pvt. Ltd, Bangalore	1
7	25/12/2017	Sangupathy Constructions	1
8	03/01/2018	Sakthi Constructions	2
9	03/01/2018	Sabari Constructions	2
10	03/01/2018	Geo info tech	2
11	05/01/2018	Annai & Co	1
12	11/01/2018	Texmo Industries, Coimbatore	14
13	25/01/2018	Abis Software	1
14	01/02/2018	Chola Insurance Distribution services, Erode	1
15	02/02/2018	Sproutwings Telematics pvt ltd, Coimbatore	10
16	07/02/2018	IDBI Federal, Erode	42
17	08/02/2018	Kwang Jin India Auto Systems Pvt Ltd	8
18	09/02/2018	JVR Land Surveys	5

19	13/02/2018	Integra Automation (p) Ltd	7
20	22/02/2018	Fedral Mogul (p) Ltd	3
21	28/02/2018	Cavincare Pvt Ltd	1
22	05/03/2018	Raasi Construction	1
23	17/03/2018	HCL Tech, Chennai	1
24	31/03/2018	Mind Share Consultants Pvt. Ltd, Bangalore	4
25	10/04/2018	Leadpro Groups, Bangalore	81
26	14/04/2018	MJ Rebar Services, Tiruchengode	3

7.3 Give two Best Practices of the institution

1. Internship during semester holidays to the core industries.
2. More number of animation videos related to subject concepts.
   (Refer Annexure A & B)

7.4 Contribution to environmental awareness / protection

- ➢ As an awareness to conserve environment, seeds & tree saplings was distributed to nearby villages.
- ➢ Conducting Blood Donation Camp in our college by YRC & NSS volunteers.

7.5 Whether environmental audit was conducted?   Yes | ✓ | No |

7.6 Any other relevant information the institution wishes to add.

a)Strengths

- ➢ Internal Quality Assurance cell to provide guidance and support in fulfilling the curriculum gap identified.
- ➢ Seminars and Workshops are conducted to impart necessary skills to the students in order to fulfill industrial expectation.
- ➢ Content beyond the syllabus are prepared by every staff in order to bridge the curriculum gap between Industry and Institute.
- ➢ Highly committed, dedicated and qualified staff.
- ➢ Number of campus placements have been increasing year by year.
- ➢ Adequate lab facilities.

b)Weakness

- ➢ Fails to fill all the seats. Significant gap between sanctioned intake and No. of students admitted.

c) Opportunities

- ➢ To develop more interdisciplinary research/ projects.
- ➢ To make the department more research oriented.

d) Challenges

- ✓ To fill the sanctioned intake.

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

- ✓ To initiate the process of National Board of Accreditation (NBA) for the minimum of 3 departments.

- ✓ Strengthening the IPR and Outreach activities.

- ✓ To submit more number of proposals to receive grants from various agencies.

- ✓ To extend the consultancy services wider.

Name **Mr. M. Manikaandan**   *Name* **Dr. K. Samidurai**

Associate Professor / CSE   *Principal*

Vidyaa Vikas College of Engg. and Tech.   *Vidyaa Vikas College of Engg. and Tech.*

--   ---

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

_____***_____

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

****

Best Practice No.1:

1) Title of the Practice: **Internship during semester holidays to the core industries**.

2) Goal:

  ✓ To guide and support the students to acquire core knowledge.

  ✓ To give exposure to students on industry standards.

  ✓ To create a bridge between academic and industry.

3) The Context:

   Students who are admitted in our college are trained by our Training and placement Department (P&T) to get job during final year. Students are motivated by our P& T department to undergo internship in various industries in their respective field of interest.

4) The Practice:

In order to create a bridge between industry and institution MoUs are signed between various industries for knowledge sharing by technical experts from industry, internship and placement of students. Our students are motivated to participate in internship to learn the process happening in industry. This will help students to get update them as per the expectation of industry.

5) Evidence of success:

S.No.	Name of the Company	No. of Students attended Internship
1	CRAY Supercomputers India Pvt. Ltd.,	09
2	Alpha associates	33
3	Texmo industries	14
4	SproutWings Infotech India Pvt. Ltd.	10
5	IDBI Federal Life Insurance	23

6) Problems Encountered and Resources Required: The students must be cooperative to make use of this internship effectively.

7) Future Plans: Have plan for signing more MoUs in top MNC companies for the betterment of students.

Best Practice No.2:

1) Title of the Practice**: More number of animation videos related to subject concepts**.

2) Goal:

     ✓ To make students to understand the subject concept clearly with the help of animation videos.

     ✓ To utilize the modern teaching aids for creating interest in subjects among students.

3) The Context:

  Bookish knowledge alone is not sufficient to make a student competent enough to survive after completing their degree. Students are unable to understand the concepts from the text book. Every staff prepares their notes in a simple way and gives it to the student for making photo copy. They require in depth knowledge about the working operation of machines in order to score pass marks in exams and to get job in core companies. We create a platform for the students to understand the concepts through animated videos. Faculty members and students are encouraged to download more animated videos and present during seminar hours .

4) The Practice:

  The Faculty members will play the animated videos related to their subject concepts for the students to watch. Also interested students are encouraged to do presentation on animated videos. Faculty will guide them to do the presentation effectively.

5) Evidence of success:

     ✓ Students can able to understand the concept clearly and they can able to reproduce the same in semester exams..

     ✓ Students can able to answer technical questions during interviews, competitive exams etc.,

6) Problems Encountered and Resources Required:

     The students must be regular to undergo this practice.

7) Future Plans:

     Have plan for creating own videos of our faculty members and students and the same will be uploaded in our college website.

ANNEXURE - V

Academic Calendar 2016 – 17 (EVEN)

Academic Calendar 2017 – 18 (ODD)