

VIVEKANANDHA



COLLEGE OF ENGINEERING FOR WOMEN

ELAYAMPALAYAM, TIRUCHENGODE - 637 205

[Autonomous]

(Approved by AICTE New Delhi and Accredited by NBA –AICTE
Affiliated to Anna University, Chennai,
An ISO 9001:2008 certified Institution and TCS Accredited)
Elayampalayam-637 205, Thiruchengode Tk, Namakkal Dt.,
Tamilnadu, India.

INTERNAL QUALITY ASSURANCE CELL

Annual Quality Assurance Report (AQAR) Academic Year 2017 - 2018



The Annual Quality Assurance Report (AQAR) of the IQAC Academic Year 2017 - 2018

1. Details of the Institution

| 1.1 Name of the Institution | VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN | | | |
|-----------------------------|---|--|--|--|
| 1.2 Address Line 1 | Elayampalayam | | | |
| Address Line 2 | Tiruchengode | | | |
| City/Town | Namakkal | | | |
| | Tamilnadu | | | |
| State | Tummaaa | | | |
| Pin Code | 637205 | | | |
| Institution e-mail address | office@vcew.ac.in | | | |
| Contact Nos. | 04288234241 | | | |
| Name of the Head of the | Dr.KCK. VIJAYAKUMAR | | | |
| Name of the Head of the | DI.KCK. VIOTITIKOWITIK | | | |
| Institution: | | | | |
| Tel. No. with STD Code: | 04288234241 | | | |
| Mobile: | 9443734562 | | | |

| VIVEKANANDHA CO | DLLEGE OF ENGINEERING FOR WOMEN |
|-------------------------------------|---------------------------------|
| Name of the IQAC Co-ordinator: | Dr.L.Malathi |
| Mobile: | 9952312970 |
| IQAC e-mail address: | iqac@vcew.ac.in |
| 1.3 Website address: | www.vcenggw.ac.in |
| 1.4 Date of Establishment of IQAC : | : DD/MM/YYYY 05.01.2017 |
| 1.5 Institutional Status | |
| University State Cer | ntral Deemed Private 🗸 |
| Affiliated College | Yes √ No |
| Constituent College | Yes No √ |
| Autonomous college of UGC | Yes √ No |
| Regulatory Agency approved Inst | titution Yes 🗸 No |
| (eg. AICTE, BCI, MCI, PCI, NCI) | |
| Type of Institution Co-edu | acation Men Women |
| Urbar | n |
| | |
| | |

| VIVEKANANDHA COLLEGE | OF ENGINEERING FOR WOMEN |
|---|---------------------------------------|
| 1.6 Type of Faculty/Programme | |
| Arts Science Co | mmerce Law PEI (Phys Edu) |
| TEI (Edu) Engineering | √ Health Science Management |
| Others (Specify) | |
| 1.7 Name of the Affiliating University (for the | Anna University, Chennai. |
| , | tate Government UGC/CSIR/DST/DBT/ICMR |
| etc | |
| Autonomy by State/Central Govt. / U | niversity |
| UGC Status 2(f) &12(B) | |
| 2. IQAC Composition and Activiti | <u>les</u> |
| 2.1 No. of Teachers | 10 |
| 2.2 No. of Administrative/Technical staff | 02 |
| 2.3 No. of students | 02 |
| 2.4 No. of Management representatives | 02 |
| 2.5 No. of Alumni | 01 |
| 2.6 No. of stack holders/Employers/ | 02 |
| Industrialists/ External experts | |
| 2.7 Total No. of members | 19 |
| 2.8 No. of IQAC meetings held | 9 |
| 2.9 No. of meetings with various stakehold | ers: 6 |
| No. Faculty/Alumni 19 | Others - |
| ANNUAL QUALITY ASSURANCE REPORT (20 | 017-2018)-VCEW Page 3 |

| VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN | |
|---|--|
| 2.10 Has IQAC received any funding from UGC during the year? Yes ☐ No ✓ If yes, mention the amount ☐ - | |
| 2.11 Seminars and Conferences (only quality related) | |
| (i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC Total Nos. 4 International National Institution Level (ii) Themes | |
| Faculty Orientation Programme on "NBA Accrediation Process" on 16.02.2018 Resource Person Dr.N.Shanthi, Professor, Computer Science and Engineering, Kongu Engineering College, Erode. Faculty Awareness Programme on "NIRF Ranking and Massive Open OnlineCourses (MOOC)" on 04.04.2018 Resource Person Mr.Raja Viswanathan, Scientist B(Computer Science), INFLIBNET Centre, IUC of University Grant Commission (UGC), Gandhi Nagar, Gujarat. One Day National Convention on Rejuvenation of Technical Education on 15.04.2018 Resource Person Prof. Dr. MP. Poonia, Vice Chairman, All India Council for Technical Education, New Delhi, and Mr. Kumar | |
| Jayant,IAS,Principal Secretary to Government,Co-op Food & Consumer Production Department, NewDelhi. • One Day Faculty Awareness Programme on "NBA Awareness Programme" on 25.04.2018 Resource Person Dr.P.Azhagu moorthi,Professor/ Mech, Pondichery University. | |

2.12 Significant Activities and contributions made by IQAC

IQAC Functions.....

- ❖ Development and application of quality benchmarks/parameters for various academic activities of the institution;
- ❖ Facilitating the creation of a learner-centric environment conductive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- ❖ Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes;
- Dissemination of information on various quality parameters of higher education;
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- ❖ Documentation of the various programmes/activities leading to quality improvement;
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- Development and maintenance of institutional database purpose of maintaining/enhancing the institutional quality;
- Development of Quality Culture in the institution;
- ❖ Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC.

2.13 Plan of Action by IQAC/Outcome

College Strategic Plan : Given in Annexure - I

Criterion - I

1. Curricular Aspects

1.1 Details about Academic Programmes

| | 10000011110 1 1081 | | | |
|--------------|-------------------------------------|------------------|----------------|-----------------|
| | Number of existing Programmes | Number of | Number of | Number of value |
| Level of the | | programmes | | added / Career |
| Programme | | added during the | self-financing | Oriented |
| | | year | programmes | programmes |
| PhD | 2 | - | 2 | - |
| PG | 5 | - | 5 | - |
| UG | 5 - | | 5 | - |
| Total | 12 | - | 12 | - |

| Interdisciplinary | - | - | - | - |
|-------------------|---|---|---|---|
| Innovative | - | - | - | - |

- 1.2 (i) Flexibility of the Curriculum: Choice Based Credit System introduced in 2015 /Elective option
 - (ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | 5 UG , 5 PG, 2 Ph.D |
| Trimester | - |
| Annual | - |

| 1.3 Feedback from stakeholders* | Alumni | YES | Parents | YES |
|---------------------------------|-----------|-----|----------|-----|
| (On all aspects) | Employers | YES | Students | YES |
| (On all aspects) | | | | |

Mode of feedback : (Both) Online YES Manual YES

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

Syllabus updated for Regulation 2015, 7 th and 8 th semester, Professional Electives and Open Electives of Regulation 2015 are also updated.

| 1.5 | Anv | new | Departn | nent/C | Centre | introdu | iced d | uring | the v | zear. l | If ves. | give | details. |
|-----|-----|-----|---------------|--------|--------|---------|--------|-------|-------|---------|---------|------|----------|
| | | | 1 - 1 - 1 - 1 | / | | | | | J | | ,, | 0 | |

| | | NO. |
|--|--|-----|
| | | |

Criterion - II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|---------------------|-------------------------|------------|--------|
| 148 | 121 | 15 | 12 | - |

2.2 No. of permanent faculty with Ph.D.

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

| Asst. Pro | fessors | Associate | Professors | Profe | ssors | Oth | iers | Tota | al |
|-----------|---------|-----------|------------|-------|-------|-----|------|------|----|
| R | V | R | V | R | V | R | V | R | V |
| 24 | - | - | - | - | - | - | - | 24 | - |

2.4 No. of Guest and Visiting faculty and Temporary faculty

| _ | _ | _ |
|---|---|---|
| | | |
| | | |

2.5 Faculty participation in conferences and symposia:

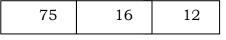
| No. of | International | National | State |
|-----------|---------------|----------|----------------|
| Faculty | level | level | level |
| Attended | 89 | 23 | 14 |
| Presented | 79 | 21 | 12 |
| Resource | 6 | 2 | 1 |
| Persons | 0 | 3 | 1 |

- 2.6 Innovative processes adopted by the institution in Teaching and Learning:
 - The institution has introduced Pre lab & post lab test for each laboratory experiment.
 - Online system for evaluation of teachers by the students.
 - Smart Digital Class room for class recording which enhances the learning ability of the students.
 - 24X7 Wi-Fi enabled campus provided for technology access.
 - Well –equipped Internet Resources Centre and computer lab.
 - Presentations/animations/videos are regularly being used apart from regular conventional black board teaching.
 - Group discussions, case studies, problem student centric learning.
 - Continuous evaluations through projects, presentations and quizzes, open book test, etc..,
 - Outside classrooms activities for wholesome development of mind and acquiring skills.
- 2.7 Total No. of actual teaching days during this academic year

180

- 2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)
 - Unique question paper pattern with multiple choice questions and negative marks.
 - Relative grading system is adopted for all theory courses.
 - Openbook test/quiz/Presentation are included as part of continuous evaluation marks.
 - Choice based credit system is introduced in the year 2015.
 - Photocopy/Review are available for evaluation grivences.

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



2.10 Average percentage of attendance of students

85 %

2.11 Course/Programme wise / distribution of pass percentage :

| Title of the | Total no. of | Division | | | | |
|--------------|-----------------|-------------|-----|------|-------|--------|
| Programme | students | Distinction | I % | II % | III % | Pass % |
| | appeared | % | | | | |
| BE | 338 | 18% | 77% | 4% | - | 99% |
| ME | 39 | 22% | 78% | = | - | 100% |

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

1. Academic Audit

- Internal Audit Conducted per semester.
- External Audit Conducted per year.

2. ISO Audit

In order to achieve the stated objectives and outcomes of teaching learning process of our institution, Internal Quality Assurance Cell (IQAC) has been functioning, under the leadership of the Principal. It ensures the quality of the teaching-learning process and its outcome through internal audit and class committee meeting conducted at regular intervals are followed. internal/external audit reports are placed in the Management Review Meeting, for necessary actions and course corrections, if required, to improve the teaching learning process. IQAC monitors the quality of teaching- learning process through their quality management policies to improve the process of learning.

2.13 Initiatives undertaken towards faculty development

| Faculty / Staff Development | Number of faculty |
|--|-------------------|
| Programmes | benefitted |
| Refresher courses | 03 |
| UGC – Faculty Improvement Programme | 06 |
| HRD programmes | 06 |
| Orientation programmes | 25 |
| Faculty exchange programme | - |
| Staff training conducted by the university | 105 |
| Staff training conducted by other institutions | 54 |
| Summer / Winter schools, Workshops, etc. | 37 |
| Others | 02 |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | of Vacant | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|-------------------------|-------------------------------------|-----------|--|--|
| Administrative Staff | 16 | 4 | 6 | - |
| Technical Staff | 35 | 6 | 13 | - |

Criterion - III

3. Research, Consultancy and Extension

- 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution
 - Research and Development Cell is functioning in the college which regularly conduct the programme to incultivate research interest among the students and faculty members.
 - One Day National Convention on Rejuvenation of Technical Education on 15.04.2018Resource Person Prof.Dr.MP.Poonia,Vice Chairman, All India Council for Technical Education, New Delhi. and Mr.Kumar Jayant,IAS,Principal Secretary to Government,Co-op Food & Consumer Production Department,NewDelhi.
- 3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | - | - | - | - |
| Outlay in Rs. Lakhs | - | I | - | - |

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-------------|---------|-------------|-------------|
| Number | 02 | - | 02 | 02 |
| Outlay in Rs. Lakhs | Rs.18,500/- | 1 | Rs.18,500/- | Rs.18,500/- |

3.4 Details on research publications

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 58 | - | 1 |
| Non-Peer Review Journals | 100 | 33 | - |
| e-Journals | - | - | - |
| Conference proceedings | 36 | 1 | 1 |

| 3.5 | Details | on | Impact | factor | of | publications: |
|-----|---------|----|--------|--------|----|---------------|
|-----|---------|----|--------|--------|----|---------------|

Range 0.15 – 2.5 Average 1.2 h-index 12 Nos. in SCOPUS 2

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

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|--|------------------|----------------------------|------------------------------|-----------|
| Major projects | - | | _ | - |
| Minor Projects | 2017-2018 | TNSCST | 10,000 | 10,000 |
| Willion Projects | 2017-2018 | TNSCST | 8,500 | 8,500 |
| Interdisciplinary Projects | - | | - | - |
| Industry sponsored | - | - | - | - |
| Students research projects (other than compulsory by the University) | 2017 | TNSCST | 18,600 | 18,600 |
| | | ICMR | 40,000 | 40,000 |
| ı | | ICMR | 50,000 | 50,000 |
| ı | | ICMR | 50,000 | 50,000 |
| ı | | AICTE | 7,00,000 | 7,00,000 |
| ı | | INSA | 30,000 | 30,000 |
| ı | 2017-2018 | INSA | 30,000 | 30,000 |
| Any other(Specify) | 4011 4010 | ISTE | 10,000 | 10,000 |
| ı | | PMKVY | 4,37,500 | 4,37,500 |
| ı | | PMKVY | 7,55,000 | 7,55,000 |
| ı | | PMKVY | 5,60,000 | 5,60,000 |
| ı | | IE(I) | 10,000 | 10,000 |
| ı | | IE(I) | 10,000 | 10,000 |
| J | | DST-NIMAT | 1,00,000 | 1,00,000 |
| Total | <u> </u> | | 2,819,600 | 2,819,600 |

| 3.7 No. of books published | i) With ISBN No. | 6 | Chapters in Edited Books | 4 |
|----------------------------|--------------------|---|--------------------------|---|
| | ii) Without ISBN N | o | 4 | |

| VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| 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) 13 | | | | | | | | |
| 3.10 Revenue generated through consultancy - | | | | | | | | |
| 3.11 No. of conferences Organized by the Institution | | | | | | | | |
| | | | | | | | | |
| Level International National State University College | | | | | | | | |
| Number 01 01 Sponsoring | | | | | | | | |
| agencies | | | | | | | | |
| 3.12 No. of faculty served as experts, chairpersons or resource persons 3.13 No. of collaborations - International - National 24 3.14 No. of linkages created during this year - | | | | | | | | |
| 3.15 Total budget for research for current year in lakhs : From Funding agency - | | | | | | | | |
| From Management of University/College Rs.12.7 | | | | | | | | |
| | | | | | | | | |
| Total Rs.12.7 | | | | | | | | |
| | | | | | | | | |

3.16 No. of patents received this year

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | 02 |
| Ivational | Granted | 01 |
| International | Applied | - |
| | Granted | - |
| Commercialised | Applied | - |
| Commerciansed | 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 |
|-------|---------------|----------|-------|------------|------|---------|
| 1 | 1 | _ | - | _ | _ | _ |

| 3.18 No. of faculty from the Institution Who are Ph. D. Gu ides 9 | | | | | | | |
|--|--|--|--|--|--|--|--|
| And students registered under them 48 | | | | | | | |
| 3.19 No. of Ph.D. awarded by faculty from the Institution 3 | | | | | | | |
| 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 100 State level 24 | | | | | | | |
| 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 - | | | | | | | |

International level

National level

| VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| 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 7 Any other - | | | | | | | | |
| 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility | | | | | | | | |
| Pradhan Mantri Kaushal Vikas Yojana-PMKVYTI | | | | | | | | |
| (Mobile phone repairing technician, CCTV Installation) | | | | | | | | |
| In NSS Activities (01.03.2018 to 07.03.2018) at karumanur goundampalayam, Namakkal District we are conducted the following programmes | | | | | | | | |
| Dental Camp, Digital India, Mushroom cultivation, Bio – gas production, Tree plantation, Veterinary camp. | | | | | | | | |
| Various awareness programmes are conducted for rural people regularly which includes awareness on Digital transaction, Denguw awareness and Wter conservation. | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Criterion - IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

| Facilities | Existing | Newly | Source of | Total |
|---|----------|----------------|------------|-------|
| | | created | Fund | |
| Campus area | 45,000 | | | |
| | sq.m | 1 | _ | _ |
| Class rooms | 37 | - | - | - |
| Laboratories | 28 | - | - | - |
| Seminar Halls | 5 | - | - | - |
| No. of important equipments purchased (≥ 1-0 lakh) during the current year. | - | - | - | - |
| Value of the equipment purchased during the year (Rs. in Lakhs) | - | · - | - | - |
| Others | | 3(smart | | |
| | - | Class | Management | _ |
| | | room) | Sponsored | |

4.2 Computerization of administration and library

- For Office Administration In-house developed College Management System for fees, Attendance and Leave Entry.
- Library Fully Automated with Computer Library Software.

4.3 Library services:

| | Existing | | Newly added | | Total | |
|-----------------|----------|-------------|-------------|----------|-------|-------------|
| | No. | Value | No. | Value | No. | Value |
| Text Books | 24734 | 1,20,55,630 | 4101 | 2,98,637 | 28835 | 1,23,54,267 |
| Reference Books | 6852 | 18,27,850 | 1113 | 1,87,840 | 7965 | 20,15,690 |
| General Books | 2800 | 11,90,076 | 716 | 92,863 | 3516 | 12,82,939 |
| e-Books | - | - | - | - | - | - |
| Journals | 120 | 10,53,335 | - | - | 120 | 10,53,335 |

| e-Journals | = | - | - | - | = | - |
|---------------------------|------|---|------|---|------|---|
| Digital Database | - | - | - | - | - | _ |
| CD | 4190 | - | 4352 | - | 4352 | - |
| Others(Project Report) | 3656 | - | 200 | - | 3856 | - |

4.4 Technology up gradation (overall)

| | Total Computer s | Compute r Labs | Interne t | Browsin g Centres | Compute r Centres | Offic e | Depart -ments | Other s |
|-----------|------------------------|-------------------|--------------|-------------------------|----------------------|------------|------------------|------------|
| Tota 1 | 865 | 11 | 40 Mbps | - | 1 | 1 | 5 | 1 |

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

IBM, ORACLE, IIT BOMBAY-SPOKEN ENGLISH, NPTEL, D2RC

4.6 Amount spent on maintenance in lakhs:

i) ICT

Rs.2.5

ii) Campus Infrastructure and facilities

Rs.8.4

iii) Equipments

Rs.3.6

iv) Others

-

Total:

Rs.14.5

Criterion - V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC has contributed a lot in enhancing awareness about Student Support Services and provides various supports to students

- 1. Mentor Mentee system to guide the students in professional and personal growth.
- 2. Training and Placement assistance Career development centre.
- 3. GATE Coaching Classes
- 4. Add on Courses and value added courses.
- 5. Entrepreneurship Programs are conducted for Students.
- 6. Medical care Hospital facility is available.
- 7. By organizing Seminar, Conference and Workshop for students.
- 8. Bridge Courses provide for first year students.
- 9. Give special coaching for Sports activities.
- 10. Industrial Visit to enhance practical knowledge
- 11. Remedial classes for slow learners & special coaching classes for advanced learners.
- 12. Internship training is arranged for the students.

5.2 Efforts made by the institution for tracking the progression

Institute has devised various mechanisms to monitor the student progression regularly.

- 1. Conduct Career development program for students.
- 2. To encourage the students by making them to participate in project expo and my idea contest.
- 3. Provide quality and free education to poor girl student through "Arivuthiran" and VSET exams.
- 4. Highlighting achievements of students like State Rank Holders, Best Outgoing Students, Placed candidates, Cent percentage attendance in College news letter.
- 5. Making college bus facility available in Industrial visit.
- 6. Conducting Parents meeting and informing on their progress report.
- 7. A class representative is allocated to monitor each and every class.
- 8. A Mentor is allocated for each group of students, in each programme to monitor and council the Students progress in academic level and as well as extracurricular activities.

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|------|----|--------|--------|
| 1623 | 74 | - | _ |

(b) No. of students outside the state

41

(c) No. of international students

-

Men

| No | % |
|----|---|
| - | |

Women

| No | % |
|------|-----|
| 1697 | 100 |

| Last Year 2016-17 | | | | This Year 2017-18 | | | | | | | |
|-------------------|-----|----|------|--------------------------|-------|---------|-----|----|------|--------------------------|-------|
| General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OBC | Physically Challenged | Total |
| 64 | 165 | 21 | 1396 | - | 1646 | 95 | 308 | 15 | 1275 | 1 | 1697 |

Demand ratio

612:403

Dropout

1%

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

| | Vetri IAS Academy |
|---------------|--|
| I | Shakthi Academy |
| | GATE coaching classes. |
| | Conferences, Seminars and workshops. |
| | Technical Seminar. |
| | Group Discussion. |
| | Career Development Program. |
| | Special Training Programme |
| . of stu | idents beneficiaries 98 |
| No. of | students qualified in these examinations |
| | 3 3 3 5 |
| NET | - SET/SLET - GATE 3 CAT - |
| NET IAS/II | |
| | DC ata |
| IAS/II | PS etc 1 State PSC - UPSC - TANCET 5 |
| IAS/II | PS etc 1 State PSC - UPSC - TANCET 5 |
| IAS/II | PS etc 1 State PSC - UPSC - TANCET 5 of student counseling and career guidance • For each faculty 15 students are allotted from all years and they |
| IAS/II | PS etc 1 State PSC - UPSC - TANCET 5 of student counseling and career guidance • For each faculty 15 students are allotted from all years and they are giving counseling once in a week. |
| IAS/II | PS etc 1 State PSC - UPSC - TANCET 5 of student counseling and career guidance • For each faculty 15 students are allotted from all years and they are giving counseling once in a week. • Placement training to enhance the student Skills. |
| IAS/II | PS etc 1 State PSC - UPSC - TANCET 5 of student counseling and career guidance • For each faculty 15 students are allotted from all years and they are giving counseling once in a week. • Placement training to enhance the student Skills. • GATE coaching for students. |
| IAS/II | PS etc 1 State PSC - UPSC - TANCET 5 of student counseling and career guidance • For each faculty 15 students are allotted from all years and they are giving counseling once in a week. • Placement training to enhance the student Skills. • GATE coaching for students. • Organized Inter National Level Conferences, National Level |
| IAS/II | PS etc 1 State PSC - UPSC - TANCET 5 of student counseling and career guidance • For each faculty 15 students are allotted from all years and they are giving counseling once in a week. • Placement training to enhance the student Skills. • GATE coaching for students. • Organized Inter National Level Conferences, National Level Conferences and National Level Seminars for students. |
| IAS/II | PS etc 1 State PSC - UPSC - TANCET 5 of student counseling and career guidance • For each faculty 15 students are allotted from all years and they are giving counseling once in a week. • Placement training to enhance the student Skills. • GATE coaching for students. • Organized Inter National Level Conferences, National Level |

5.7 Details of campus placement

2017-18

| | Off Campus | | |
|---------------------------------------|---------------------------------------|---------------------------------|------------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 38 | 420 | 282 | 8 |

5.8 Details of gender sensitization programmes

Women Development Cell is functioning in the college which regularly conducts the programme.

Womens Day Celebrated in the College Annually.

- 5.9 Students Activities
- 5.9.1 No. of students participated in Sports, Games and other events

State/ University level 31 National level 2 International 1 -

No. of students participated in cultural events

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

Sports: State/ University level | 28 | National level | 1 | International level | -

Cultural : State/ University level _ National level _ International level _

5.10 Scholarships and Financial Support

2017-18

| | Number of students | Amount |
|--|--------------------|-------------|
| Financial support from institution | 1076 | 2,13,86,850 |
| Financial support from government | 746 | 1,57,10,000 |
| Financial support from other sources | - | - |
| Number of students who received International/ National recognitions | - | - |

| 5.11 | Student | organised | / initiatives |
|------|---------|-----------|---------------|
| | | | |

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

- 5.12 No. of social initiatives undertaken by the students 11
- 5.13 Major grievances of students (if any) redressed: <u>NIL</u>

Criterion - VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION

To Import value based Hi-Tech education to women in order to face the global competition and to empower to the new era of technology.

MISSION

To disseminate engineering education and to strengthen the highly effective and innovative technocratic women of our nation.

6.2 Does the Institution has a management Information System

Yes

- 6.3 Quality improvement strategies adopted by the institution for each of the following:
 - 6.3.1 Curriculum Development
 - Choice Based Credit System is introduced in the year 2015.
 - All the Skill Based Elective courses are available to students irrespective of their major Subjects. This facility enables students to choose the courses of their interest and for Future development.
 - 6.3.2 Teaching and Learning
 - Digital class room.
 - The faculty members are encouraged to adopt latest teaching-aids like LCDs and to offer video lectures in possible cases .
 - All the departments are maintaining NPTEL video lectures for the possible course in their own department servers, apart from digital
 - Guest lecturers
 - Case studies seminars
 - Mentoring
 - Tutorial teaching

6.3.3 Examination and Evaluation

- Unique Question paper pattern is followed with Objective type question & negative marking system.
- Relative grade system is following.
- Question papers are collected from NIT, IIT and
- The answer scripts are evaluated by the External faculty member.

6.3.3 Research and Development

- The institution motivates and encourages the faculty members to undergo research programs and to acquire research projects.
- A research committee has been formed to provide input for various research and funding opportunities available.
- Special Incentives are provided for the faculty who published the paper.

6.3.4 Library, ICT and physical infrastructure / instrumentation

- The library is equipped with latest configuration computer systems.
- The on-line catalog is provided to the students for searching books.
- Digital library is also provided with higher-end systems to store video contents like NPTEL.
- Each Department is having Digital Smart class room.

6.3.5 Human Resource Management

The faculty members are provided with all required provisions

- Recruitment of faculty and staff are based on the guidelines provided by Anna University and AICTE, New Delhi.
- There are many staff welfare schemes namely EPF, Group insurance and Accidental policy.
- Biometric system is introduced for all the administrative modules of the institution.
- Sponsorship of Higher Studies for Faculties.
- Organizing Developmental training programme and workshops/seminars for enhancing the multi-skills of faculties.
- Incentives are given to the Faculties for their contribution in research.
- Effective appraisal system has been followed to assess the performance of faculties.

- 6.3.6 Faculty and Staff recruitment
 - Releasing the advertisement in the Leading daily newspapers.
 - Scrutinizing of Application as per the college norms.
 - The recruitment is purely based on merit basis
- 6.4 Welfare schemes for
 - Free education
 - ❖ Medical Facility for self & family
 - Group Insurance scheme
 - Free Transport
 - Free Accommodation for hostel faculty
- 6.5 Whether annual financial audit has been done

Yes √ No

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

| Audit Type | Ex | ternal | Internal | | |
|------------------------------|--------|--|----------|-----------|--|
| | Yes/No | Agency | Yes/No | Authority | |
| Academic & Administrative | Yes | ISO & External Auditing by External Members from other Academic Institutions | Yes | IQAC | |

6.7 Activities and support from the Alumni Association

Alumini Association conducts "ALUMINI ACCESS MEET -2018" ALUMINI Induction Cum Farewell program on 10.04.2018.

6.8 Activities and support from the Parent – Teacher Association

One day Parent – Teacher meeting is conducted on 03.05.2018.

- 6.9 Development programmes for support staff
 - 1. Awareness Programme
 - 2. Training Programme
 - 3. Computer training
 - 4. Hands on training
- 6.10 Initiatives taken by the institution to make the campus eco-friendly
 - 1. Green Audit
 - 2. E Waste Management
 - 3. Energy Audit
 - 4. Awareness Programmes to society
 - 5. SWACHHTA Ranking -2017

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.
 - Digital smart class room for class lecture recording.
 - Online Resources sharing portal for students.
- 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Introduction of College Management System Portal to automate the day to day activities of the College

- 7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)
 - Unique Question paper pattern which enhance the analytical ability of students.
 - Fee Waiver through Arivuthiran & VSET Scholarship Entrance
 Exams
- 7.4 Contribution to environmental awareness / protection
 - Green Audit
 - Energy Audit
 - E Waste Management
 - Tree plantation Camp
- 7.5 Whether environmental audit was conducted? Yes √ No

7.6 Any other relevant information the institution wishes to add

- Excellent Category in Trailhead Student Championship 2018 by Sales Force in association with ICTACADEMY.
- College is awarded as ICT ACADEMY Best practices Award 2018.
- Awarded "Best Woman Engineering college of India" by ISTE among
 24 Women's Engineering College
- Ranked 4th in "SWACHHTA RANKING -2017" of Higher Educational Institution in the category of Technical Institutions.
- The KNOWLEDGE REVIEW MAGAZINE published our College details in the Title of "The 10 Best Women's Education and Empowerment Institutes in India 2018" (Feb 2018 Issue).
- ICTAcademy Youth talk 2017 Ms. Ashwini John of final CSE has won 1st Place in ICTACT Youth Talk 2017 title among 4000 Students.
- Shri Dewang Mehta Excellance Awards.
- All three positions in Shri Dewang Mehta Excellance Awards 2017 was won by our students (1. Ms. M. Venkatalakshmi of IV-BT, 2. Ms. Ashwini John of IV-CSE & 3. Ms. T. Ramya Priya of III-CSE) Conducted by NAASCOM & Anna University ,Trichy)
- Free transport to all students and staff
- My Idea and Project Expo contest to enhance the quality of student
- Special Bus for hostel students
- Value added or addon courses for students.