



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

**SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE, 23- MARIAMMAN
KOIL STREET, MADAGADIPET**

605107

www.smvec.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Sri Manakula Vinayagar Engineering College (SMVEC), a self-financing college promoted by Sri Manakula Vinayagar Educational Trust was established in the year 1999. The institution has been approved by AICTE, New Delhi and affiliated to Pondicherry Central University. It is the first technical institution in the Union Territory of Puducherry State to get NAAC Accreditation with "A" Grade (January 2013 to January 2018) and also received the ISO 9001:2000 Certification. The First Self financing Engineering College for having established a Community Radio Station called 'Nila Community Radio Station'. The various academic programmes offered are also accredited by NBA-AICTE, New Delhi. Within a short span of time, the institution has attained enviable reputation by possessing all the hallmarks of a premier institution in pursuit of excellence. Institution aims at equipping budding professionals with excellent theoretical and enriched practical knowledge. In accordance with our vision and mission, we are developing the students' soft skills and technical skills thus shaping them as strategic scholars with competitive spirit who can stride to attain the optimum level in the competitive world.

Vision

To be a stimulating place to learn and practice technology and to become a leading college of engineering nationally and internationally recognized for its outstanding education, research and outreach programs.

Mission

- To foster the inbuilt qualities of the students to face the challenges of the new millennium.
- To provide opportunities to explore and experiment innovative ideas.
- To equip our students with the vital and potential dexterity to flourish in the corporate and industrial sectors.
- To dilate as a center of excellence in engineering and technology

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Constant encouragement and full-fledged support from the Management.
- Dedicated, well-qualified and competent faculty with research intent.
- Sprawling Campus in a serene environment with excellent infrastructure.
- Laboratories with State of the Art equipment and modern software tools.
- Structured academic calendar with continuous assessment for effective curriculum delivery
- Effective mentoring system providing constant guidance to the student and feedback to the parent.

- Providing scope for all-round development of the student through Sports, Associations and Clubs.
- Ranked at the top among the private Engineering Colleges in Puducherry State.
- Conducive atmosphere to carryout research work
- Inspire students in entrepreneurship by introducing project learning and also providing updated knowledge in their domains.
- College strives to inculcate moral values and professionalism amongst the students.
- Excellent Placement Records.
- Effective involvement of alumni in placement activities.
- Obtaining support from Industries in and around Puducherry.
- Safe and Secured Environment for girl students.

Institutional Weakness

- Industry-Institute interaction needs improvement.
- More departments need to become “Research Centres” recognized by Pondicherry University.
- Number of MOU’s with Industries for training students, needs to be enhanced.
- More relevant online, indexed journals to be made free-downloadable under Institutional membership.
- Majority of the Faculties have limited industrial experience and exposure

Institutional Opportunity

- Considering research projects of National Importance as well as social relevance.
- Exploring more opportunities for consultancy projects.
- Hoping to initiate ‘Start-ups’ within the Campus.
- Scope for interdisciplinary and sponsored projects.
- To arrange more number of FDPs /STTPS/ National Level /International Level conferences.
- To introduce new courses according to change in industrial needs
- To provide more industrial oriented training to impart practical oriented knowledge

Institutional Challenge

- Making the research work done at the Institution suitable for industrial application and fulfill the requirement of the society.
- In this fast-growing technological era, it is very difficult to adjust and adapt quickly the academic curriculum which is prescribed by the affiliating University.
- More placements in core companies.
- Encouraging students for competitive examinations and higher studies.
- Obtaining funding project, intellectual property rights and patents
- Unpredictable fortunes in terms of industry dynamics and uncertainty in future admissions
- To initiate more start ups and encouraging entrepreneurial skill to the students

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The institution offers 8 undergraduate and 8 postgraduate courses and Ph.D in Mechanical Engineering. All these courses are affiliated to Pondicherry University. The institution will strictly adhere to the curriculum and syllabus prescribed by the Pondicherry University.

The key points are

Tutor-ward system

- To transform the ethical values and maintain psychological well being among the students and to improve the personal rapport between the teacher and student, the institute envisaged tutor ward system. Under the supervision of each tutor, a batch of 20 students is allotted. The intense interaction between them brings out the students' academic and personal problems to the staff in charge. In case of crisis, the issue will be taken to the notice of their parents and Director cum Principal who resolves the problem which enables them to concentrate on studies.

Special Care towards Average/ Slow / Advanced Learners

- Average/ slow learners are identified in each class based on their performance in the I internal test, class tests. Such students are counseled personally by the respective class advisor to identify the reasons for their poor performance and encouraged.
- In case of requisites, the tutees' parents would be invited and informed regarding the performance which helps to improve their wards' performance in all aspects.
- Permitting to participate in seminars, conferences and competitions conducted at national and international level
- More internships, trainings are provided in industries through MoU's

Class/Internal test / Model Exam

Class tests, two internal tests and one model test are conducted in each subject every semester that improvise their reading strategy apparently. These tests are not only used for internal assessments but also helps students to secure more marks in the university examinations.

Outcome Based Education

- “**Outcome Based Education (OBE)**” is implemented with the intent that every student should determine their goals in the first year and achieve it at the end of the four years of educational system. The tutee is provided knowledge to obtain the targeted outcome by the facilitators. The institution is compatible to provide an environment with the notion of promoting outcome based education.

Teaching-learning and Evaluation

The key aspects in teaching learning process carried out by our institution are

- Preparing academic calendar for the smooth conduction of classes.
- Preparing course plan in the beginning of every semester.
- Organizing industrial visits.
- Collection of feedback from the students.
- E-learning materials are available for students at Elite portal.
- Encouraging teachers to upgrade their knowledge through FDP, refresher course, seminars etc.
- Apart from conventional teaching methods (chalk-board), ICT tools are used.
- Entire campus is interconnected through LAN with 100 Mbps internet speed.
- Tutorial classes have been conducted for the slow learners in order to enhance their knowledge in their academic areas.

Best practices in learning

- Quality Study materials, question bank and lab manuals for each subject are prepared by concerned staff in charge before the commencement of each semester and circulated to the students.
- Placement training activities are initiated from sixth semester onwards by conducting Regular Aptitude Test (RAT) and Soft Skill Training (SST) during placement hour.
- The Central Library is equipped with adequate space with large number of books, IEL online journals and periodicals etc.
- Seminars, symposium and conferences are conducted periodically to explore students inbuilt talents.
- Research and Development cell is functioning separately, which is accessible to all the Departments, with well equipped devices, components and application software to carry out research work.
- Entrepreneurship cell is functioning to arrange various resource person's interactive session regularly with students to induce entrepreneurship skills among them.

Best Evaluation methods followed

- First hour test on alternative days, two internal tests and two model exams are conducted for evaluating internal assessment marks of students.
- Quality Circle Meeting (QCM) is conducted with students and staff members in the presence of HOD after the completion of each internal examination. During QCM, feedback, queries and suggestions are collected from students to understand their needs and then suitable remedial measures will be taken.
- Slow learners are closely monitored and their parents are intimated about their ward performance.
- For arrear students separate arrear coordinator is appointed to counsel and guide the students to get pass in the arrear subject.

Research, Innovations and Extension

The practices adopted by the institute in Research, Consultancy and extension activities are as follows:

Research

All the students are encouraged to do mini project which are not included in the curriculum. The practice is adopted to encourage the young aspiring minds to take up the research work.

The management is very keen in promoting the faculty and students to participate in more research activities by

providing the following incentives for the staff and students.

- A cash award of Rs. 50,000/ (fifty thousand) for receiving patent.
- Sponsoring the faculty to attend various training programs, seminars and Workshops, National/ International Conferences by paying registration fee, TA and DA.
- Providing study leave to undergo Ph.D programme.
- The faculties involved in consultancy are provided with remuneration.
- If a student or a team wins prizes at the National/International level technical competitions, then the management also sanctions equal amount of money to the student or team as a token of appreciation.
- The students who are attending national and international conferences and seminar are provided with registration fee, TA and DA.
- Best project award is constituted with a cash award of Rs. 10000/- in all the departments.

Extension Activities

The institution has established a Community Radio Station with the permission of the Ministry of Broadcasting, Government of India. The vital information and guidance required for the rural mass in the areas of health, education, women development and agriculture are broadcasted through Nila CRS. The programs of Nila CRS are very much appreciated by the rural mass.

Swachh Bharat Abhiyan or **Clean India Mission** campaign was effectively implemented by our students to keep the entire campus green and clean.

Integrated Village Development Program (IVDP) was also initiated in the institution for incorporating the societal responsibility among the student mindset.

Infrastructure and Learning Resources

The state of the art infrastructural facilities and learning resources are:

- The institution is set up in a sprawling campus of 27.74 acres with a built up area of 455091sqm. All the Departments have necessary infrastructures facilitated with spacious class rooms, tutorial rooms, seminar halls, project rooms, staff rooms, state-of-the art laboratories, Departmental library and canteen etc. Overall, the campus provides a conducive environment for studies since it is located in rural area with greenish surrounding.
- State-of-the-art laboratory and library facilities
- Use of modern ICT tools to explain the basics in depth
- Each staff room is provided with computer and internet facility. The students are also permitted to avail the internet facility available both in the labs and the library for which no charges are collected.
- Mineral water is provided to all the faculty, students and non-teaching staff members as the water purifier machine is installed in the campus.
- Library is kept open up to 8:30 p.m.
- Students attaining 100% attendance are honored and a certificate is provided.
- Students getting first ten University ranks are awarded with gold or cash award as a mark of appreciation for their sincere and hard work
- The grievances of the students are addressed on the same day within 24 hrs

- First hour tests are conducted to impart continuous learning habits.
- Internal test / Pre model / Model test are conducted to improve the learning skill / writing practice of the students.

Student Support and Progression

Realizing the fact that the students are the assets of the nation, the institution follows a number of best practices in supporting and developing them.

- The management awards gold for the university rank holders as follows three sovereign of gold coin for the 1st rank holder, two sovereign of gold for 2nd rank, one sovereign for the 3rd rank and Rs. 10000/- each for the 4th and 5th ranks and Rs. 5000/- each for 6th ,7th ,8th ,9th and 10th rankers.
- First and second ranker at the college level gets Rs.2000/- and Rs.1000/- respectively from the management
- Rigorous training is provided for placements, the training helps the students to get sizable placements
- Tuition fee is waived by the management for deserving candidates
- Sanction of registration fee for attending seminars / workshops for presenting technical papers to encourage research activities
- Providing net facility at free of cost
- Redressing the grievances of the students instantly
- Encouraging sports and games
- Award cash prizes for the best major and minor project.
- The class teacher provides information to the parent over phone in case of regular absentees.
- Mentor-ward system guides the students in right direction to enhance their future

Governance, Leadership and Management

Sri Manakula Vinayagar Engineering College is committed to provide educational opportunities in engineering disciplines by:

- Exposing students to the latest technologies
- Maintaining healthy competitive environment
- Developing confidence and exploring potential talent for meritorious leadership
- Complying with applicable statutory requirements

The management of the institution has been dynamic. They have been very supportive and quick in implementing measures for development, branding and strengthening of the institute. Their fore-sight, holistic approach towards education and hard work has won the hearts of every one in Puducherry.

The best practice in Governance and Leadership are:

- The academic calendar is prepared as per the guidelines of the Pondicherry University and it is strictly followed.
- The continuous efforts of the placement cell and guidance provided for the students help them to appear for competitive examinations and for getting placements.
- Since disciplinary actions are initiated immediately, peaceful and conducive environment is maintained

- The Director meets the Heads regularly and discusses all issues relating to the institution and hence solutions are found amicably.
- Grievances reported are redressed immediately by adopting due procedures.

Institutional Values and Best Practices

The key aspects of innovative practices are

- Providing add-on-courses which has current relevance
- Providing excellent infrastructure facility, quality education, research and extension activities.
- Constant motivation by giving rewards to take part in curricular and co-curricular activities
- Personal Attention and Counseling
- Grievance handling through QCM

- Conduct of daily tests, internal examinations, model examinations, seminars and personal guidance
- Conducting practical oriented theory classes to understand the basic concepts

- Practical exposure by the way of Industrial Visits and Inplant training
- Students innovative ideas are explored through mini projects
- Association with DELNET and IEL online to access latest journals and articles

- The College has set up Grievance Redressal Cell, which looks into the complaint. The Grievance Redressal Cell receives and assesses the complaints from the students and the staff which are then resolved under the guidance of the Director.
- The student complaints, needs and wants are evinced by the QCM report and based on its analysis; feasibility of implementation is verified and executed.

Hence, we contemplate that the attributes which we have mentioned above, have helped us to impart high quality technical education to the students society. This practice of disseminating high quality education will continue forever in future in accordance with the requirements to project the profile of our institution to the nation. The accreditation by NAAC will be a positive step and incentive for continuance of our achievement in imparting high quality technical education and research to the students' community.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
Address	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE, 23- MARIAMMAN KOIL STREET, MADAGADIPET
City	Puducherry
State	Puducherry
Pin	605107
Website	www.smvec.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Professor	S. Anbumalar	0413-2640823	9443179533	0413-2641151	principal@smvec.ac.in
Director	Dr. V.S.K. Venkatachalapathy	0413-2642000	9843611886	0413-2641136	smvec@smvec.ac.in

Status of the Institution	
Institution Status	Constituent

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes 2.Minority Certificate.pdf
If Yes, Specify minority status	
Religious	
Linguistic	Telugu
Any Other	

Establishment Details				
Date of establishment of the college	01-01-1999			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name	Document		
Puducherry	Pondicherry University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC	01-12-2016	View Document		
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	04-04-2018	12	
COA	View Document	28-05-2018	12	

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE, 23- MARIAMMAN KOIL STREET, MADAGADIPET	Rural	27.74	455091

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Department Of Electrical And Electronics Engineering	48	HSC or Equivalent	English	180	87
UG	BTech,Department Of Electronics And Communication Engineering	48	HSC or Equivalent	English	240	174
UG	BTech,Department Of Computer Science And Engineering	48	HSC or Equivalent	English	180	163
UG	BTech,Department Of Information Technology	48	HSC or Equivalent	English	180	146
UG	BTech,Department Of Instrumentation And Control Engineering	48	HSC or Equivalent	English	60	35
UG	BTech,Department Of Mechanical Engineering	48	HSC or Equivalent	English	240	145
UG	BTech,Department Of Civil Engineering	48	HSC or Equivalent	English	120	50
UG	BArch,Bachelor Of Architecture	60	HSC or Equivalent	English	40	11

PG	Mtech,Mtech Electronics And Commu nication Engineering	24	B.E or B.Tech or Equivalent	English	24	0
PG	Mtech,Mtech Computer Science And Engineering	24	B.E or B.Tech or Equivalent	English	24	9
PG	Mtech,Mtech Power Electronics And Drives	24	B.E or B.Tech or Equivalent	English	18	0
PG	Mtech,Mtech Networking	24	B.E or B.Tech or Equivalent	English	18	3
PG	Mtech,Mtech Vlsi And Embedded Systems	24	B.E or B.Tech or Equivalent	English	24	8
PG	Mtech,Mtech Manufacturi ng Engineering	24	B.E or B.Tech or Equivalent	English	24	3
PG	MCA,Master Of Computer Applications	24	Bachelor Degree or Equivalent	English	120	62
PG	MBA,Master Of Business Administrati on	24	Bachelor Degree or Equivalent	English	120	120
Doctoral (Ph.D)	PhD or DPhil,Phd In Mechanical Engineering	36	PG Degree in Mechanical Engineering	English	14	7

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	33				61				190			
Recruited	17	16	0	33	34	27	0	61	100	90	0	190
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	33				61				190			
Recruited	17	16	0	33	34	27	0	61	100	90	0	190
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				160
Recruited	104	56	0	160
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				160
Recruited	104	56	0	160
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	30	5	0	35
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	30	5	0	35
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	17	16	0	7	4	0	0	0	0	44
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	27	23	0	100	90	0	240

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	14		0		14

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	443	79	0	0	522
	Female	254	35	0	0	289
	Others	0	0	0	0	0
PG	Male	52	28	0	0	80
	Female	82	43	0	0	125
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	3	4	0	0	7
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	192	206	196	199
	Female	93	115	124	124
	Others	0	0	0	0
ST	Male	1	1	2	4
	Female	0	1	2	2
	Others	0	0	0	0
OBC	Male	2353	2308	2148	1867
	Female	1556	1564	1439	1312
	Others	0	0	0	0
General	Male	260	250	232	250
	Female	172	183	173	194
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		4627	4628	4316	3952

3. Extended Profile

3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response: 1351

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
17	16	15	15	15

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4081	4039	4009	3950	3228

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
786	786	786	720	720

File Description	Document
Institutional data in prescribed format	View Document

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
967	1056	1133	1052	833

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
304	296	295	276	245

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
304	296	295	276	245

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 104

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
527.65	577.09	556.34	501.22	518.36

Number of computers

Response: 1050

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

Sri Manakula Vinayagar Engineering College (SMVEC) is affiliated to the Pondicherry University, Puducherry. The College meticulously plans and develops action plans for effective implementation of the curriculum prescribed by the Pondicherry University, Puducherry which is in line with the institution's vision to empower society through quality education.

The institute follows the curriculum designed by respective Boards of Studies (BoS) of affiliating Pondicherry University with inputs from various stake holders. SMVEC meticulously develops action plans for effective implementation of the curriculum.

The Department Academic Committee (DAC) members of various departments conduct their internal meetings and develop academic plans for the forthcoming academic year. Keeping in view of the number of working days available, the syllabus is divided into units which have to be completed within the stipulated deadline. Each department of the college follows the academic calendar issued by the college based on the academic schedule of the affiliating university.

Staff members are encouraged before and to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars, industrial visits, ICT tools or other means apart from regular/traditional teaching methods and develop course file. Course file which contains lesson plan, assignments, tutorials, previous question papers and lecture notes is maintained by each faculty for their respective subjects allotted. These course files are reviewed on continuous basis.

Thereafter, the college plans the academic schedule as per the university calendar which includes the details like the topics to be taught and number of working days allocated to the respective topics, the amount of syllabus to be tested in various classes, by conducting internal, model and end semester examinations. The implementation of curriculum is monitored through various means that include student's feedback, Quality Circle Meeting and Heads of the Departments.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 31**1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
8	6	5	6	6

File Description**Document**

Details of the certificate/Diploma programs

[View Document](#)**1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years****Response: 2.82****1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
4	0	0	0	04

File Description**Document**

Details of participation of teachers in various bodies

[View Document](#)

Any additional information

[View Document](#)**1.2 Academic Flexibility****1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years****Response: 49.44****1.2.1.1 How many new courses are introduced within the last five years**

Response: 668

File Description**Document**

Details of the new courses introduced

[View Document](#)

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented**Response:** 94.12

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 16

File Description	Document
Name of the programs in which CBCS is implemented	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years**Response:** 76.42

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3334	3073	2974	2990	2403

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment**1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum****Response:**

Gender Sensitization: To create increased awareness among students towards gender issues, seminar on gender sensitization is organized for students of engineering and is effectively implemented by the college. The main aim of gender sensitization program is to bring definite orientation in individual's thinking, practices and approach of gender and their issues.

The workshop/seminar will deal with issues pertaining to the relationship between men and women, caste, declining sex ratio, struggles with discrimination, sexual harassment, new forums for

justice, and eve-teasing. Through accounts of studies and movements, the course also hopes to expose students to new laws on gender issues.

Women empowerment cell is formed to look after the welfare of all girl students. Gender equity is attained by conducting programs like seminars, debates, group discussions for both boys and girls on a single platform. It also organizes various workshop, seminar and other related programs to emphasize Gender equality through Vanavil Art Academy.

Human values and professional ethics: To instill Moral, Social and Ethical values, college has chosen Human Values and Professional Ethics as an open elective for third year students of all B. Tech programs. This course helps the students to ensure sustained happiness and prosperity which are the core aspirations of all human beings. It facilitates the development of holistic perspectives among students towards life, profession and happiness by understanding Human reality and the rest of existence. It highlights plausible implications of Holistic understanding in terms of ethical human conduct, trustful and mutually satisfying human behavior and mutually enriching interaction with nature.

The assessment of this course is done through practical assignments which require originality and initiative. As a part of course enrichment, college conducts guest lectures and seminars with eminent social workers

Environmental Education: Environmental studies subject is taught in the university syllabus. Students are given inputs regarding the concept and taken to field visit as part of their assignments and project work. The College celebrates World Environment Day, Earth Day, Ozone Day and other important days to drive the significance of environment like Plantation, Swachh Bharat, Traffic Week, Beach Coastal Cleaning etc.

File Description	Document
Any Additional Information	View Document
Link for Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 211

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 211

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document

1.3.3 Percentage of students undertaking field projects / internships	
Response: 84.05	
1.3.3.1 Number of students undertaking field projects or internships	
Response: 3430	
File Description	Document
Institutional data in prescribed format	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2)Teachers, 3)Employers, 4)Alumni and 5)Parents for design and review of syllabus-Semester wise/ year-wise A.Any 4 of the above B.Any 3 of the above C. Any 2 of the above D. Any 1 of the above Response: A.Any 4 of the above	
File Description	Document
Any additional information	View Document

1.4.2 Feedback processes of the institution may be classified as follows: A. Feedback collected, analysed and action taken and feedback available on website B. Feedback collected, analysed and action has been taken C. Feedback collected and analysed D. Feedback collected Response: A. Feedback collected, analysed and action taken and feedback available on website	
File Description	Document
Any additional information	View Document
URL for feedback report	View Document

NAAC

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 4.05

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
225	205	188	95	83

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 76.68

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1195	1247	1153	1032	1196

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1572	1572	1572	1440	1440

File Description	Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 76.06

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
554	563	536	567	657

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

The institution provides special programs for the advanced and slow learning students based on their learning ability. The institution has very good mechanism for identification of student learning levels. Learning levels are identified through the mechanism like,

- Analysis of Previous Year Result
- Observation of students during lecture hour, tutorial and laboratory work.
- Continuous oral feed-back of students regarding understanding by asking suitable questions.
- Analysis of first hour, internal test, pre-model and model exam
- Personal mentoring

Institute provides the special attention to the advanced learners with advanced information and recent challenging problems based on their subjects of interest.

- Special guidance for getting university ranks and motivated to write all competitive examinations like GATE, GRE, TOEFL etc.
- Motivate and guide students to participate in various technical events such as paper presentation, projects competition etc
- In order to obtain industrial exposure and overview on recent trends, content beyond the syllabus are provided and also motivated to take up industrial projects
- Class toppers are awarded with certificate and prize.
- University Rank holders are awarded with Gold medals with 3 sovereigns gold and cash prizes.

After monitoring the overall progress of the students following activities are taken for slow learners

- Special assistance is given during tutorial hours by giving extra assignments and explaining critical concepts to improve their performance.

- Resource materials are available on server or provide them whenever required by students.
- College has provided necessary counseling to slow learners.
- Students are mentored by interactive sessions other than the regular classroom / laboratory contact hours.
- For slow learners the college conducts remedial sessions as per the requirement.
 - Slow learners are being counseled by head of department and senior faculty on the regular basis and the findings are discussed with the students and remedial measures are taken immediately for the welfare of the students.

2.2.2 Student - Full time teacher ratio

Response: 13.42

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.02

2.2.3.1 Number of differently abled students on rolls

Response: 1

File Description	Document
Institutional data in prescribed format	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Learning is a process that makes both teacher and learner as active participants in knowledge acquisition. The institute encourages innovative/ interactive methods for enriching the learning experience. The teacher has to use different methodologies to enable the students acquire necessary information. The methodologies include illustration and special lectures, case-studies, project-based-methods and experimental methods. Institute provides facilities to meet the requirements. The methods are student centric as considering the mixed abilities of the learners in all aspects.

Class Room Teaching: The teacher tries to explain the concept in the form of task based rather than listening to theoretical information from the teacher. Teachers can adopt techniques like encouraging them to do live projects. The tasks prepared by the teachers should possess thorough knowledge about

everything since the student definitely depends upon teacher until he or she gets complete understanding about the achievement of set goals. The teaching aids used should be clear to the students.

The Teaching-Learning Process is supported with Regular Practical Sessions, access of Digital Library, Online Courses (NPTEL), online journals, Use of LCD projectors for seminars and workshops, productive use of educational videos.

It's a matter of delight that students of different stream are encouraged with both hands on and hands off approach in the learning process by well trained faculty and particularly in the well equipped laboratory.

Institute conducts periodical industrial visits, organizing project expo / working model exhibitions as well as paper presentation contest.

Student Seminars: The Student seminars are mandatory in all programs offered at the institute. Usually students present seminar on contemporary topics as well as state-of-the-art technologies.

To have experiential learning, Students are engaged in field trips, Internships and industrial visits thus students centric methods are being implemented to enhance the learning experiences.

File Description	Document
Any additional information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 304

File Description	Document
List of teachers (using ICT for teaching)	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 13.42

2.3.3.1 Number of mentors

Response: 304

2.3.4 Innovation and creativity in teaching-learning

Response:

The traditional chalk and talk method of teaching-learning is now becoming monotonous to the current tech-savvy and agile generation. Hence it becomes need of the hour to bring innovations in the teaching-learning process to make it more attractive to students. Teachers are realizing these changes in the cognition process of students and are innovating various tools and techniques in teaching-learning process to deliver the contents/ knowledge so that students actively participate in it and grasp the ideas quickly.

Faculty is attending various Faculty development programs, workshops for domain knowledge and for new trends in education technology/pedagogy which make their teaching more innovative and interactive. Faculty presentations in departments enhance peer learning of teachers. Following are the various tools and techniques used by faculty and institute to make teaching more effective and innovative:

ICT based teaching-learning (Moodle, etc)

Digital social learning platforms (WhatsApp, blogs, etc)

Physical social learning platform (Student chapters of IE(I), etc)

- Technical social program
- Exposure of faculty to industry
- Industrial Training for faculty
- Interaction of faculty with the guide of student in a company during full semester internship
- Sponsored projects
- Faculty industry visit

Proactive teaching methods (group discussions, role play etc.)

Project based teaching-learning

The teaching-learning process can be made more novel/attractive to students, if it triggers their innovative instinct and inspires them to find a creative solution to complex problems. The subject knowledge should lead them to use the learning for new concept and applications and thereby create an environment of problem solving, new designing and critical in- depth thinking. The raw ideas generating from students may initially appear as primitive. These ideas need to be bloomed, matured, collected and experimented on appropriate platforms, so these can be refined into more fruitful end products and feasible applications. Keeping this in mind, the institute has provided different opportunities like;

Projects:

- Research oriented projects
- Sponsored projects
- Mini projects

Industry-Institute Interaction:

- Industry Institute meets

- MOUs
- Industrial visits/ Internships
- Field work
- Departmental Advisory Board

New product design

- Entrepreneur Cell
- Incubation Center

Competitions

- Organizing Technical Symposium
- Participating in different technical events

1. Talks :

- Motivational Talks
- Expert lectures

Membership of Professional Bodies

- Institution of Engineers (I)
- Computer Society of India
- Indian Society of Technical Education
- ASM
- IIMA
- ICI
- ICT

Visits /Participation

- Conferences/ Exhibitions
- Seminars/Workshops

All the above innovations and creativity in teaching learning process lead to improve not only the academic performance of the students but also their communication, human relations, technical and management skills which makes them industry ready. This is endorsed by acquiring ranking in the University merit list, winning medals, enrolling for higher education, campus placements.

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years**Response:** 100**File Description****Document**

Year wise full time teachers and sanctioned posts for 5 years

[View Document](#)**2.4.2 Average percentage of full time teachers with Ph.D. during the last five years****Response:** 4.03**2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
12	12	12	11	10

File Description**Document**

List of number of full time teachers with PhD and number of full time teachers for 5 years

[View Document](#)**2.4.3 Teaching experience per full time teacher in number of years****Response:** 9.62**2.4.3.1 Total experience of full-time teachers**

Response: 2924.25

File Description**Document**

Any additional information

[View Document](#)**2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years****Response:** 2.82**2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
2	5	1	0	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 28.72

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
85	89	89	74	70

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

The college adopts semester pattern of examinations as prescribed by the affiliating Pondicherry University and the students are evaluated on the basis of their performance in the semester examination.

Besides, University exams, the institute conduct periodical tests and model examinations, namely

- First hour test - 3 days in a week (alternate days)
- Internal test-1 and Internal test-2
- Pre-model and Model Examination
- Semester Examination (University Exam)
- First hour test on alternate days in analytical papers. Students those fail should submit assignment on that topic.

- Internal test 1 and 2 will be conducted monthly
- At the end of the semester pre-model and model exam will be conducted
- After completion of each internal test, pre-model and model exam, student progress report is sent to parents which consists of
 - Mark in each subject (Passed / Failed)
 - Attendance percentage and total number of working days
 - Counselor 's remarks about the student's academic progress and
 - His/her behavior in learning process
- Quality Circle Meeting (QCM) will be conducted with students and staff members in the presence of HOD before tests and examinations.
- During QCM, queries and suggestions are collected from students to eliminate their difficulties in learning and expectations were fulfilled.
- Slow learners were given opportunity to rewrite the exams, they are closely monitored, and their parents are intimated about their ward's performance.

Internal assessment marks for theory subject: 25 marks

Pondicherry University has fixed 25 marks as internal assessment for a theory paper. Out of 25 marks 20 marks will be awarded for the internal tests based on the performance of the student in the internal test, submission of assignments and the remaining five marks will be awarded for class attendance.

The distribution of 5 marks for class attendance is as follows.

- 5 marks for 95% and above
- 4 marks for 90% and above but below 95%
- 3 marks for 85% and above but below 90%
- 2 marks for 80% and above but below 85%
- 1 mark for 75% and above but below 80%

Internal assessment marks for Practical: 50 marks

- In University Practical Examination of the total 100 mark, the internal assessment mark of 50 is distributed as periodic practical works and 20 marks for records
- For internal model practical examination 15 marks
- For internal viva voce 5 marks
- For practical class attendance 10 marks
- The distribution of 10 marks for practical class attendance is as follows
 - 10 marks for 95% and above
 - 8 marks for 90% and above but below 95%
 - 6 marks for 85% and above but below 90%
 - 4 marks for 80% and above but below 85%
 - 2 marks for 75% and above but below 80%

Monitoring of Attendance

Monitoring of regular attendance of students is a part of continuous evaluation. Students lagging in attendance percentage will be counseled and they will be advised to be regular to college to obtain Pondicherry University prescribed attendance percentage to appear for final semester examination. The attendance percentage of students will be communicated to their parents in the progress report.

File Description	Document
Any additional information	View Document

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

Institute follows Pondicherry University guidelines for the internal assessment of the theory and laboratory. In addition to that, institute has carefully designed and implemented the parallel mechanism to ensure preparedness of the students. Complete transparency is maintained in all forms of internal evaluations. First hour test, two internal tests, pre-model and model examination in each semester are planned in academic calendar and executed as per schedule. After assessment, answer sheets are distributed and discussed with students for their benefit and to maintain transparency in the evaluation. Retest is planned for students having unsatisfactory performance by giving them sufficient time for preparation. Overall performance, attendance, feedback about the student is communicated to the parents by mentor.

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

- The institution is affiliated to Pondicherry University and we adhere the rules and regulations levied by the university.
- Setting of question papers, valuation of answer books and publication of results are carried out by the University. Hence, University is the sole authority for the implementation of reforms in examination and evaluation.
- However the institution raises query to the university if there is any mistake or out of portion in the question paper after the completion of examination. This will help the students to get marks for the question with mistake or out of portion.
- The institution also indicates the students about the time for applying re-totalling and re-valuation of their answer scripts by paying the prescribed fee. The application is processed through the institution to the University within 15 days immediately after releasing the results by the University.

File Description	Document
Any additional information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE**Response:**

Institute is affiliated to Pondicherry University and follows academic calendar of Pondicherry University. Before commencement of each semester institute prepares its own academic calendar in-line with university academic calendar. Based on Institute's academic calendar, department prepares its academic calendar showcasing events planned by individual department.

It has a standard procedure to plan and develop curricular, co-curricular and extra-curricular activities. Dates proposed by university for commencement and conclusion of semester, test and quality circle meeting schedules, various activities such as industrial visit, expert lecture, seminars/ workshops/ conferences, department social programs etc are included in department academic calendar.

Course plan are prepared by the concerned faculty for each subject before the commencement of the semester based on department academic calendar. This course plan will be verified by the head of the department to ensure that whether syllabus will be completed as per time schedule. Moreover the academic calendar will be circulated among the students to make them aware of academic and other co-curricular and extracurricular activities.

File Description	Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes**2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students****Response:**

Institute has well defined Program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) for all programs.

Teachers are conversant with POs, PSOs of the programs as they are involved in PO PSO formation process. Vision and mission of the college is discussed in meetings. Head of the department and teachers discuss POs and frame PSOs of the programs which are in line with Graduate Attributes and Vision, Mission of the Institute.

POs and PSOs are displayed for teachers and students at following locations:

- Institute web site
- HOD cabins
- Notice Boards
- Department laboratories

- Department Library
- Faculty cabins

Principal addresses all the newly admitted first year students and their parents in the induction program. During this address institute vision, mission and program objectives are stated.

Every course teacher discusses expected course outcomes with students at the beginning of each semester.

POs, PSOs and COs are mandatory part of course file prepared by course teacher.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

The assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes are as mentioned below:

Method of assessment of POs / PSOs The program outcomes and Program Specific outcomes are assessed with the help of course outcomes of the relevant courses through direct and indirect methods. Direct methods are provided through direct examinations or observations of student knowledge or skills against measurable course outcomes. The knowledge and skills described by the course outcomes are mapped to specific problems on University Examination, internal exams and home assignments. Throughout the semester, the faculty records the performance of each student on each course outcomes.

Average attainment in direct method = University Examination (80%) +Internal assessment (20%) Indirect assessment strategies are implemented by embedding them in Student Survey, Employer Survey and Alumni Survey. Few of the POs are assessed based on relevant developed rubrics. Finally, program outcomes are assessed with above mentioned data and Program Assessment Committee concludes the POs attainment level.

The tools used for the assessment of POs/PSOs and their frequencies are given below:

End of Session University Examination At the end of each session university conducts examinations based on the result published by university. The course outcomes are measured based on the course attainment level fixed by the program. The Direct mode is used for the same.

Assignment is given at the end of each unit. The assignments are provided to students, such that students will refer the text books and good reference books to find out the answers and understand the expected objective of the given problem. It is the responsibility of the concerned subject teacher to ensure that most students are able to work out the assignments honestly. The questions asked in assignments are mostly aligned with Course Outcome of the respective Subject

According to the performance of the student in answering each question, mapping is carried out with the respective COs for assessing the attainment level of the specific CO of the subject are conducted. The Direct mode is used for the same.

File Description	Document
Any additional information	View Document

2.6.3 Average pass percentage of Students

Response: 86.65

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 883

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 1019

File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.55

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 104.95

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
22.95	28.35	15.93	16.41	21.31

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Response: 2.63

3.1.2.1 Number of teachers recognised as research guides

Response: 8

File Description	Document
Any additional information	View Document

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 1.51

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 92

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 304

File Description	Document
Supporting document from Funding Agency	View Document
Funding agency website URL	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Institution has taken the following initiatives to create an ecosystem for innovations including incubation center, R&D cell and Technical clubs for creation and transfer of knowledge

Technology business incubation cell of the institute receives innovative ideas from the students and transfer in to product by receiving funds from funding agencies

The Institution provides a hefty environment which is facilitated with state of the art infrastructure amenities and high end resources. With the existing facilities, Staff and students are encouraged to take up research activities. Almost all the innovative and extension activities are student centric. Numerous research related activities are conducted to nurture and nourish young minds due to which students are able to empathize the various problems of the society and enable them to explore solutions for it

The Institution is empowered with active Research & Development cell to monitor the progress and discourse the issues of research by IQAC.

Agility of the committee

1. Generating research culture among the staff and students by propelling them to embark minor and major research projects from various funding agencies.
2. Identifying the eminent personalities who have significantly contributed in research and social activities are invited as resource persons.
3. Awareness is created and guidance is provided to publish papers in well reputed journals.
4. Collaborating with other institutions/ agencies/ research bodies for sharing research facilities which embellish the students preparation in research

Facilities provided and its outcome

1. Special Facilities like internet, library, required infrastructure in terms of space, equipment and support facilities have been provided 24 x 7 to the students to equip themselves for competitions.
2. The technical club of the departments conduct various hands on training to the students to nourish their skills to participate the competitions
3. The students participates in various technical events like L&T Techgium, India Innovation

- Challenge Design Contest, IEEMA Engineer Infinite, The Great Mind Challenge, TCS ShopNova, TCS Inframind, TCS Innovate, Unisys Cloud 20/20 and won many events
4. The institute provides support in terms of financial, academic, infrastructural facilities, human resources required and timely administrative decisions to enable students and staff for participating in the various technical activities.
 5. As a token of appreciation for their achievements in research related activities students and staff are awarded with cash prizes.
 6. On duty is granted for students to attend technical events.
 7. Training division of the institute offers value added courses to enrich students' career development. They are fostered to undertake minimum of one and maximum of three courses during their tenure.
 8. The institute also arranges industrial visits to get insight on it study tours to instill border perspectives through visual experience.
 9. The soft skills training for the final year students improvise their employability skills
 10. *Entrepreneurship* Development Cell encourages extensive relationship between the industry and the institution. Individual department interacts with industry to ascertain its needs to fill the gap in curriculum which gap is filled by arranging workshops addressed by industry personals. Industry institution relationship works in the following areas: Industrial visits for students and faculties, Field and site visits of students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 152

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
34	32	30	28	28

File Description	Document
Report of the event	View Document
List of workshops/seminars during the last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research	
Response: Yes	
File Description	Document
Institutional data in prescribed format	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards	
Response: Yes	
File Description	Document
e- copies of the letters of awards	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years	
Response: 0.13	
3.3.3.1 How many Ph.Ds awarded within last five years	
Response: 1	
3.3.3.2 Number of teachers recognized as guides during the last five years	
Response: 8	
File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years				
Response: 0.4				
3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years				
2017-18	2016-17	2015-16	2014-15	2013-14
33	12	15	18	34

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Response: 0.06

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
18	0	0	0	0

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

The institution gives much priority to the betterment of the community and transfers back what it gets from the society. To instill vital moral values among the students, the institution focuses on sensitizing the students to social issues and holistic development. To execute this vision, several clubs, societies, events and activities are planned. Series of lectures on ‘Moral values’ besides inculcation of ethical, social, environmental values through active participation, through guest lecturers arranged by Vanavil Art Academy. The lecture comprises of eminent persons from various walks of life. They will share about their personal life lighting the various hurdles they faced to attain the present position. This aids our students to know reality which helps them to foreseen any circumstance in their future career as well as life.

The institute vehement in organizing a number of extensions and outreach activities consistently which are directly connected with students’ academics, social, cultural and community services etc. The college management with the help of many voluntary organization and NGOs organize many outreach programs.

And our College provides the major extension and outreach programmes organized under the banner of National Service Scheme of the College with the details of faculty and student’s participation. The NSS student volunteers used to visit the nearby villages and extend their selfless services regularly.

The institution has established a Community Radio Station with the permission of the Ministry of Broadcasting, Government of India. The vital information and guidance required for the rural mass in the areas of health, education, women development and agriculture are broadcasted through Nila CRS. The programs of Nila CRS are very much appreciated by the rural mass.

The NSS volunteer necessitates the help of elderly and influential persons like village head, members of gram panchayat to ensure the involvement of local population in its community development activities. To win over the confidence of local population, the Institute organizes various awareness programs like blood donation camp, free eye screening camp, free medical checkup camp, general awareness camp, rally for social awareness, tree plantation, women's empowerment, Anti-Liquor, Anti-Tobacco and Drugs, cleaning the nearby villages, etc.

Awareness is created among the students about Consumers' rights and duties which are significant in the progress of economic development of the country. India is the birth place of Yoga and by participating in International Yoga day students become global stakeholders in ensuring healthy body and mind.

Technical activity enhances the technical knowledge of student in the field of design, analysis, manufacturing and testing of different engineering systems. Through these activities student improve their qualities such as time management, project management, costing, marketing skills, event management, communication skill etc. Similarly social activities enhance and create social awareness and responsibilities among the students

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 11

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	1	1	2	2

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document
Any additional information	View Document

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 125

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
26	28	27	19	25

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 81.9

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3526	3321	3126	2993	2812

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 31

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	4	5	13	4

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 22

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
2	4	6	5	5

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The institution has obligatory infrastructure required for effective teaching-learning process, co-curricular and extra-curricular activities. The infrastructure has adequate facilities to fulfill the norm laid by the AICTE and Pondicherry University. The available facilities are enhanced by addressing the needs of students and faculties to support Research and Development activities in college campus. The facilities of audio-video and ICT tools help to strengthen the infrastructure of the institute.

The physical infrastructure consists of 97 classrooms, 7 tutorial rooms, 49 laboratories, 1 conference hall and 1 auditorium of 750 seating capacity and an audio visual room.

Moreover, the institute has supporting academic and administrative rooms for undergraduate and postgraduate programs. Classrooms and seminar halls have LCD projector, Internet connectivity, well finished furniture, ventilation, and luminance. Well equipped laboratories as per norms. Laboratories are regularly maintained and updated.

The Charts and models are displayed in the laboratories for better understanding of theory and practical concepts. Laboratories are equipped with state of the art machines/equipments.

For Internet access and computing purpose, the institute has massive network of 1050 computers with 100 Mbps bandwidth. All computers are connected by LAN and Internet. Some computer laboratories are equipped with high end servers and computers with high end processors.

The institute also provides central computing facilities to promote R&D activities.

Library has compilation of books, journals, web based resources, audio/video materials, etc with latest software for efficient functioning with 300 seating capacity.

Exclusively, Training and Placement (T & P) cell provides adequate infrastructure for training, placement and co-curricular activities. It has separate halls to carry out different activities of T&P such as seminars, Interviews, Soft Skill training and Workshops etc.

For identifying malicious activities in campus, the CCTV surveillance system has been installed. It helps to identify the theft in campus which provide security to staff and faculties. Separate housekeeping and security agencies have been appointed for security and cleanliness of Institute.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor), gymnasium, yoga centre etc., and cultural activities

Response:

The institution has established department of physical education with well qualified and proficient Physical Director to impart training to the students and to make them participate in events conducted by the State/University. The institution has an Indoor and Outdoor sporting facilities spreading around an area of 25000 sqm, suitable to host National level sports events. Physical Directors train the students in both indoor and outdoor games.

Students are encouraged to take part in sports activities after the college hours. College teams are formed to take part in state level and University level competitions and other intercollegiate competitions. Inter collegiate sports meet "Nexus" is conducted every year and the winners are awarded.

The outdoor games such as ball and shuttle badminton, volley ball, throw ball, cricket, football, kabaddi, Kho Kho, and hand ball etc. are available. A separate indoor games facility for playing table-tennis, carrom and chess is provided and it is being used by the students regularly.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 104

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
any additional information	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.**Response:** 68.4

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
450	410	350	325	300

File Description**Document**

Details of budget allocation, excluding salary during the last five years

[View Document](#)**4.2 Library as a Learning Resource****4.2.1 Library is automated using Integrated Library Management System (ILMS)****Response:**

The central library possesses an area of 1440 sq mts. It consists of

1. Library Stock Room
2. Reading room and
3. Digital Library

A total of 300 students can sit at a time for reading and reference purpose in all the rooms of library. Library is providing a very comfortable environment for the students for their reading purpose.

Library is subscribing on-line databases and E-journals of DELNET data base which contains a lot of full text and non full text journals and the library is a member of DELNET and provides web access to 2448 Records of books, Periodicals, Theses, Dissertations.

NPTEL and other content are available for the benefit of students and staff members.

JOURNALS

Library is subscribing a few Indian and Foreign journals for the study of students and faculty members. Some of the IEEE print version journals were purchased. The daily journals of the library are displayed in the Reading Room.

E- JOURNALS AND ON-LINE DATABASES

Library is subscribing on-line databases and E-journals of DELNET data base which contains a lot of full text and non full text journals...

COMPUTER SYSTEMS

Computer systems endorsed with Internet facility are available in the library. Four systems are kept in the library stock room, and the remaining is placed in the Digital Library Room which can be accessed by staff and students.

LIBRARY SERVICES

Library is providing reference service to the students and faculty members regularly. Assistance is provided to the readers by library professionals to locate the specific books of their interest.

Students are being trained to access online journals and how to search and how to take different print formats of their search results in the databases.

LIBRARY EQUIPMENT

Library is having One Scanner cum Xerox cum Printer

	Particulars of Resources	Total
1	No. of Volumes	69956
2	No. of Titles	22852
3	No. of Journals (National)	204
4	No. of Journals (International)	117
5	No. of CD's	2910
6	No. of Reference Books	7622
7	No. of Journals Online (DELNET)	2448
8	Book Bank	2200

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

The central library together with the Department Libraries maintain a sizeable collection of rare books and

other knowledge resources such as standards, masters theses, conference proceedings, etc.

Dissertation reports of post-graduate degrees (M.Tech. M.B.A and M.C.A) are stacked in respective departments.

Conference proceedings of conferences held within the campus as well as those acquired individually are also placed in the respective department libraries. A small set of standards, can be considered as a gem of our collection which is usable in the central library.

File Description	Document
Any additional information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 18.95

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
21.16	26.4	17.55	14.27	15.38

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students

Response: 3.42

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 150

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The institution emphasize on usage of computers for quality teaching, learning and research. For this purpose, each department has adequate number of computers to staff and students. The institution is committed to upgrade the IT facilities like new hardware and software for office, library, and research centre to promote research as per the requirement.

- All the computers are well maintained by a dedicated IT Support Team.
- Stand alone facility - All the computers interconnected by LAN facility are autonomous and therefore stand alone. Wi-Fi facility -The whole campus is Wi-Fi enabled for easy use of internet by the staff and students. New Wi-Fi routers are fixed for uninterrupted internet connection.

- Licensed software - Microsoft Campus Agreement
- Individual computer systems are provided to our Principal and HODs.
- Numbers of nodes/ computers with Internet facility - all the computers are connected with internet.
- Each lab is connected with fiber optic cables from the main server
- CCTV cameras in the campus are under IT surveillance.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.3.2 Student - Computer ratio

Response: 3.89

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: >=50 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Any additional information	View Document
Link to photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 59.86

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
355.79	385.20	339.17	261.30	269.40

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The main source of knowledge center at SMVEC is its central library. Procurement of books, journals, magazines, and digital resources is a continuous activity.

To inculcate the habit of visiting library and spending time with books, library hour is introduced in the time-table. Staff members should compulsorily spend their valuable time in library.

Sports activities and extracurricular activities are conducted regularly and with rigor to keep the students physically fit and mentally alert. Computer centers are equipped with state-of-the art hardware and software facilities.

The laboratory equipments are maintained and calibrated by professional engineers to ensure accuracy of experiments. Annual maintenance is given to ACCEL Technologies to keep the systems in proper working condition.

Central library has its dedicated human resource and the departmental libraries are taken care of by the faculty In-charge of the concerned department.

All the departments take care of timely maintenance of the laboratory equipment. Most of the maintenance work is completed during summer break and a close monitoring of maintenance activities is a prime responsibility of heads of the departments.

Annual stock verification and maintenance committee will be constituted to verify the stock in the

laboratory and other furniture, equipment in the institution. They also verify the working and non-working equipment in the laboratory/ institution and hence necessary action will be taken.

File Description	Document
Any additional information	View Document

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 49.17

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2204	2055	1906	1778	1563

File Description

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Document

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 7.64

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
335	307	306	288	241

File Description

Any additional information

Document

[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching

- 5. Language lab
- 6. Bridge courses
- 7. Yoga and meditation
- 8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 68

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2731	2871	2332	2537	2570

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 26.77

5.1.5.1 Number of students attending VET year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1982	17	1906	873	491

File Description	Document
Details of the students benefitted by VET	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 80.26

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
850	875	825	775	700

File Description	Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 3.62

5.2.2.1 Number of outgoing students progressing to higher education

Response: 35

File Description	Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 3.66

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	1	2	0	0

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
42	49	46	41	42

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

Response: 9

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	0	3	1

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

SMVEC's Student Council representatives actively participate in various activities. They help in coordinating all the events related to academics and other co-curricular & Extra-curricular activities, as per the directives of teaching faculty.

The student council plays a vital role in Departmental activities such as organizing industrial visit, implant training, symposiums, and workshops. The council members and all the other students deliberately involve in their Department newsletter preparation, magazine preparation and in editorial committee.

The students involve themselves in events such as Independence day, Republic day and various club activities. Each club has several students who take on leadership roles and organize the events and get very good exposure.

Following is the narrative of functions and events conducted by various Committees:

Alumni Association: Every department attends to the coordination and liaison activity with alumni through the nominated students.

Anti-Ragging committee: Student members assist the institution in implementing rigid anti-ragging measures so that the institution becomes ragging-free campus.

Grievance and Redressal Committee: The matters of harassment and suppression of any single individual is being handled by Grievance and Redressal Committee. Student members can help other students to present the grievance in case the sufferers want the representation in absentia.

Extension Activities: Any education is incomplete without social awareness. "NSS Committee" is active in carrying out different activities such as Blood donation Camp, Swachha Bharat Abhiyan, Yoga day, Tree plantation etc.

File Description	Document
Link for Additional Information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 10.8

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
12	11	12	10	9

File Description	Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

The alumnus forms the major strength of the institution. The Alumni Association was formed in the year 2003. The alumni meet is conducted once in a year, where the alumni from different branches of the under graduate share their views and give suggestions for the betterment of their junior students. The alumni meet is hosted by the management generously and the alumni are honored with mementoes. Such meetings are mutually beneficial for the Institution and the alumni. This provides an opportunity for the alumni to meet their friends and act as a bridge for the faculty to share their experience, knowledge and insights.

The alumni visit the institution to deliver Guest lectures and seminars for the students in their areas of expertise and motivate the young minds. The most important help rendered by our alumni is training the students for placement during Saturdays and Sundays. Their involvement helps to increase the placement percentage of our institution continuously. Successful entrepreneurs from the alumnus are invited to talk on their success stories at various occasions of the Institute.

The alumni also help the final year students of the various streams of engineering, business administration and computer applications to get their project placements and summer internship in their companies or to assist them get it through their reference.

Sighting the above objectives of Alumni Association, our alumni contributes in many ways for the development and betterment of our Institute. Our students and Institute are benefited in various fields such as student placement, training, expert lectures, career guidance sessions, Industrial visits and mentoring. The alumni of Institute is guiding and nurturing our students to become engineering professionals.

File Description	Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: <1 Lakh

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 85

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
19	17	18	16	15

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

Institute has vision and mission, which are futuristic in nature. They satisfy the needs of society by providing quality education through leading-edge technology.

Vision:

To be a stimulating place to learn and practice technology and become a leading college of Engineering Nationally and Internationally recognized for its outstanding Education, Research and Outreach Programs.

Mission:

Foster the inbuilt qualities (M1): To foster the inbuilt qualities of the students to face the challenges of the new millennium.

Innovative Ideologies (M2): To provide an opportunity to explore and experiment innovative ideologies.

Potential Dexterity (M3): To equip our students with the vital and potential dexterity to flourish in the corporate and industrial sectors.

Excellence in Engineering (M4): To dilate as a centre of relevance and excellence in Engineering and Technology.

Vision and Mission of the Institute focuses on the needs of society by providing quality education. The governance comprising of Governing Body (GB), Department Advisory Committee (DAC) and Internal Quality Assurance Cell (IQAC) play significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stake holders. The Institute believes in promoting a culture of delegation of powers through strategic policies. The Director cum Principal of Institute is assisted by HODs, Administrative Head and coordinators of various cells/committees in decision making process of the Institute. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with complete transparency. IQAC has a well developed process to ensure quality benchmarks of academic and administrative activities.

The Institute maintains the culture of retention of Faculty and hence has an edge of senior and dedicated Faculty for realizing its Vision. Institute follows recruitment policies and service conditions as per the rules and regulations of regulatory authorities.

Based on the Vision and Mission of the Institution, Quality Policies are framed and driven by the needs of the corporate world, society and stakeholders. Institute has a perspective plan developed by Director cum Principal with the suggestions of HOD's, IQAC and DAC. Deployment of the quality policy is done by providing requisite academic infrastructure, learning environment and harmonious work culture. Student's

surveys and feedback from all the stakeholders plays vital role in framing and revising policies.

IQAC formulates perspective plan by considering the inputs from all the stake holders. This plan is forwarded to the governing body for approval. The Institution policy believes involvement of all staff in decision making. To streamline the same, various committees at Institute level are formed which look after academic and administrative activities which lead to the realization of vision and mission of the Institute.

File Description	Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

The Management, Director cum Principal ensure harmonious climate of human relations between students, faculty members, and departmental heads to present their views and suggestions for the development of the institution. The institution emphasizes and motivates for research and professional progression with a degree of liberty. Faculty members are part of the decision making process at all levels. They are members of various committees constituted by the Director cum Principal like students counseling, grievances redressal committee, discipline committee, time table committee, anti ragging committee, hostel committee, entrepreneur development cell, alumni association, college day committee, sports day etc., in which the faculty members provide suggestions on various issues. They are given freedom to take actions, decisions in the above mentioned committees and share ideas freely for research and publication.

The management has delegated responsibilities to various members as below:

- Director cum Principal – Head of the institution
- Heads of the Departments – Responsible for all affairs in their departments
- Placements Officer – In-charge of placement activity
- Training Officer – In-charge of training activity

A few examples are given below:

- IQAC Finance Committee
- Disciplinary and Anti-Ragging Committee
- Grievance and Redressal Committee
- Examination Committee
- Academic and Administrative Audit (AAA) Committee
- Purchasing Committee
- R&D Committee
- Innovation, Incubation and Entrepreneurship Committee
- Skill Development Committee
- Training and Placement Committee
- Library Committee NSS Committee
- Entrepreneurship Development cell

In order to groom leadership at student level, the institution encourages departmental association activities, organizing symposiums, seminars, workshops etc. All these programmes are mostly organized by the students with assistance from the faculty

File Description	Document
Any additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

Sri Manakula Vinayagar Engineering College (SMVEC) was established in the year 1999. The institution has been approved by AICTE, New Delhi and affiliated to Pondicherry Central University. It is the first institution in the Union Territory of Puducherry which received the ISO 9001:2000 Certification and congruently the First Self financing Engineering College for having established a Community Radio Station called 'Nila Community Radio Station'. The various programmes offered are also accredited by NBA-AICTE, New Delhi for second time. Within a short span of time, the institution has attained enviable reputation by possessing all the hallmarks of a premier institution in pursuit of excellence. Institution aims at equipping budding professionals with excellent theoretical and enriched practical knowledge. In accordance with our vision and mission, we are developing the students with leadership and interpersonal skills and thus shaping them as strategic scholars with competitive spirit who can provide in-depth performance in the e-world. The cohesive implementation of strategic plan has helped our students to achieve 90% in the past four years and also our students have bagged the gold medals of the Pondicherry University in almost all the programmes offered at this institution for the past ten consecutive years.

The important resources of the institution are

- Well qualified and experienced faculty members
- State-of-the-art Central Library
- MSME Sponsored TBI cell
- Good infrastructure facilities with full-fledged laboratories and computer centers in every department Advanced Research Centers
- Wi-Fi enabled campus

Perspective Plan for the development of the institute:

- Creating an intense research ambience in the campus
- Establishing R&D centers that can execute R&D sponsored projects
- Considering courses with self-learning options.

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:



Governing Body

1. Chairman and Managing Director
2. Vice-Chairman
3. Secretary
4. Trustees
5. Nominee of AICTE
6. Nominee of DHTE
7. Nominee(s) of Pondicherry University
8. Director / Principal of SMVEC
9. Nominees from the Departments of SMVEC

Director cum Principal

The Director cum Principal is involved in the implementation of the perspective plans of the College. He ensures efficient functioning of academic and administration through the departments and various committees constituted for the respective task.

Internal Quality Assurance Cell (IQAC):

IQAC has been established in the college, which meets regularly to assess the quality deliverance of education in the institute leading to achieve the course and program outcomes.

Head(s) of Departments

The Heads of Departments ensure that the academic calendar provided by the university/college is implemented properly and efficiently

Committees for specific task

Various academic and administrative committees are constituted for specific task as per the academic and administration plans of the college.

List of Committees
Committees
Academic Calendar Committee
Library Advisory Committee
Examination Committee
Sports Committee
Anti Ragging Committee
Prospectus Committee
Disciplinary Committee
NSS and NCC Advisory Committee
Cultural Committee
Purchase Committee
Vanavil Art Academy
Academic Committee
HOD's Committee
Finance Committee
Department Advisory Committee
Canteen Committee
Hostel Committee

Mentoring Committee and Counseling
Time Table Committee
Alumni Committee
Transport Committee
Internal Quality Assurance Cell
Prevention of Sexual Harassment Cell
Women Cell/ Internal Complaints Cell
Research and Development Cell
Grievance Redressal Cell
Placement and Training Cell
Minority Cell
Entrepreneurship Development Cell
Clubs
Chapters
Association

Service Rules

The College follows the service rules as per the provision of relevant annexure of university, statute and directives of state government and AICTE.

Promotion Policy

The College has Self-Appraisal Method to evaluate the performance of the faculty in teaching, research and extension programs. At the end of the academic year, every faculty submits the Self Appraisal Form duly endorsed by the Head and is evaluated on the basis of academic credentials, research contribution, quality enhancement, campus life enrichment and extensions services as per the guidelines of the statutory bodies. Performance Appraisal is evaluated for implementing the Career Advancement Scheme.

Grievance Redressal Mechanism

The college has Grievance Redressal Cell. The cell meets regularly to look into the complaints. The mechanism to analyze the grievances are given below:

The grievances/complaints can be given to the Grievances Redressal Cell.

Segregation of the grievance/complaint received is done based on its nature

A report is submitted by the Cell to the Director cum Principal

As per the cell report the action is taken thereon. If required, the Principal set up an inquiry committee to study and resolve the matter.

The college has deployed a mentor to look into various issues faced by the students and provide redressal. We have kept suggestion/complaint boxes at prominent places in the college premises to provide easy access for staff and students to put forth their grievances, which are opened regularly and prompt redressal is provided.

File Description	Document
Any additional information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above

Response: A. All 5 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Institute forms various Committees/bodies/cells and their functions are properly defined, considering the overall development of the institute.

The governing Body meets once in a year and performs the following functions:

- Monitors and evaluates the teaching programmes in the college and suggest remedial measures.
- Appoint the staff members on the recommendations of the selection committees constituted under the relevant regulations of the University
- Monitor faculty deployment and development, placement and industry-institute interaction activities in the institute/college and suggest remedial measures wherever necessary
- Monitors institutional performance and quality assurance arrangements

For effective implementation and improvement of the institute following committees are formed:

List of Committees	Frequently of meet
Academic Calendar Committee	Biyearly
Library Advisory Committee	Yearly
Anti Ragging Committee	Yearly
Prospectus Committee	Yearly
Disciplinary Committee	Monthly
NSS and NCC Advisory Committee	Monthly
Purchase Committee	Biyearly
Vanavil Art Academy	Monthly
Finance Committee	Quarterly
Department Advisory Committee	Biyearly
Canteen Committee	Monthly
Hostel Committee	Monthly
Time Table Committee	Biyearly
Alumni Committee	Yearly
Transport Committee	Monthly
Internal Quality Assurance Cell	Monthly
Research and Development Cell	Fortnightly

Grievance Redressal Cell	Monthly
Placement and Training Cell	Monthly
File Description	Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The institution has implemented several welfare schemes that include:

1. All teaching and non-teaching members are provided with Employee Provident Fund which is duly deducted every month from their salaries.
2. The salary is directly credited to the employee's bank account.
3. Teaching and non-teaching members are provided with free transport facility.
4. The children of staff members are given fee concession when admitted in the institution.
5. Special paid leave is offered to all faculty member during their marriage
6. ATM facility on the campus.
7. The faculty is given the advance salary whenever they are in special and utmost emergency cases.
8. Vacation leave and, Maternity leave are sanctioned to both teaching and nonteaching staff.
9. Free accommodation facilities in quarters are provided for teaching staff.
10. Staff members are deputed for higher studies with salary.
11. Free medical treatment for the staff members
12. Cash award for faculty producing 100% result in the university examinations.

File Description	Document
Any additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 5.02

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
13	12	17	18	11

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 8.6

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	9	8	10	8

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 2.12

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
11	8	6	4	2

File Description	Document
IQAC report summary	View Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

The institute follows a well structured procedure to assess performance of teaching and non-teaching staff. Clearly defining their roles and responsibilities and evaluating their performance by specifying points for various parameters. This Faculty Performance Index (FPI) is measured at the end of academic year.

Based on the scores, principal is supposed to counsel individual faculty for their further improvement.

Management actively takes part in assessing performance of the staff. The performance of the non-teaching staff is currently appraised every year by the immediate supervisor/HOD.

The performance appraisal system evaluates the following parameters:

- I. Teaching, learning and evaluation related performance (number of theory, practical and tutorial hours conducted against the load given)
- II. Co-curricular, extension and professional development related activities (Extension/co-curricular, Professional Development related Activities and Contribution to Management of Institution)
- III: Research, publications and academic contributions
- IV. Official conduct (target based works, punctuality and obedience)

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

- The financial resources of the college are managed in a very effective manner and all accounts are stored in a computer.
- The institution prepares the annual budget
- The departments also come up with their annual budget based on which the required funds are

allocated for the year.

- The budget submitted by the HODs is carefully scrutinized by the Head of the Institution and all the changes are made wherever necessary and consent is sought from the chairperson in a hierarchical process.
- For a systematic and effective check on all the accounts and expenditure, there is a financial auditing system for transparent financial mechanism in the management
- The college accounts are audited at different levels viz., Internal Audit, Statutory Audit.
- The internal and statutory audits are conducted on the basis of audit guidelines issued by the ICAI with respect to assessment of internal control procedures, systems and reporting
- All transactions are always checked with their supporting vouchers
- Duly authorized persons will only operate the transactions through the bank.
- Audited financial statements including Income and Expenditure Account, Balance Sheet., are prepared by qualified auditors and submitted to banks and other regulatory agencies.
- Statutory auditing is done at the end of each financial year. Internal audits are carried out whenever required, external audits are conducted once a year.

File Description	Document
Any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 21.83

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
1.07	12.28	3.29	4.41	.78

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

The college has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purpose which help ultimately in realizing the institute's vision and mission.

Institute has made the necessary provision in the books of account towards efficient use of available fund for each academic year. As per the guidelines of the management and Director cum Principal, Variance report of sanctioned budget and actual expenditure are regularly maintained.

The Institute has a well defined procedure to monitor effective and efficient utilization of available financial resources for infrastructure development and academic processes. Every year, the budget is prepared well in advance after taking into consideration the requirement of every Department. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumables required for next academic session. Director cum Principal puts up the budget in Governing Body meeting and after discussion and necessary corrections/modifications; Governing Body recommends the budget for approval. The budget is reviewed by the management and approved after necessary changes. As and when required, the institute makes a provision for advance additional fund. The Director cum Principal and the Head of Departments discuss the requirement and decide the priorities while allotting financial resources for various purposes; and also ensure optimum use of available financial resources. The Governing body studies the annual expenditure, scrutinizes the budget and provides feedback for efficient use of financial resources. The Institute has standardized procedure for sanctioning of funds for various activities and also for settlement of advance and passing of bills for payment.

The Management has given complete support to Director cum Principal for organization of various co-curricular & extracurricular activities like technical events, sponsoring of faculty & staff for various skill development programs, providing financial support for attending conferences, workshops, pursuance of higher education etc. The purchase procedure such as calling quotation, technical bid, preparing comparative statement, negotiation meetings are followed for effective and efficient use of available financial resources. The committee ensures that suitable equipment with right specification is procured at competitive and optimal prices.

Financial audits are conducted by a chartered accountant every financial year to verify the compliance with established processes

The financial support by the management in organizing various Sports and cultural events at institute level encourage the students to participate in various national and State level cultural & Sports competition wherein they have shown their excellence.

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

The IQAC was established in 2013. AQAR of the College appropriately captures the quality policy, strategies adopted, tools and methods followed to implement and institutionalize the quality policies. The IQAC of the College is involved in drawing the quality policies for Teaching-Learning, Research, Curriculum planning and implementation, Student activities, innovation and all the extracurricular and co-curricular activities.

- Quality parameters developed for various academic / administrative activities of the institute are:
- Assessing the quality parameters and providing required suggestions for the improvement. Arranging training on pedagogy, conducting seminars / workshops, FDPs on emerging technologies for faculty.
- Encouraging R&D and Consultancy.

IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

It receives suggestions from the stakeholders (students, alumni, industry experts, research organizations and parents) in the form of feedback. Monitoring of course files, lecture Schedules, course plans. Identifying the new processes and recommending the same for improving the quality. Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution autonomy to the principal investigator.

The Principal investigators were sanctioned projects from various funding agencies like DST, UGC, AICTE, MHRD etc., are given full autonomy in executing the project as per the guidelines of the funding organizations.

Central library facilities are enhanced to update online national and International reputed journals etc. Time-off, reduced teaching load, special leave etc. to teachers Faculty members working on major research projects will be given the facility of reduced teaching work-load in addition to sanctioning academic leave for attending the workshops/seminars relevant to their research projects and associated works. Budget will be allocated for Research & Development.

File Description	Document
Link for Additional Information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

IQAC was established in 2013 in SMVEC. Regularly IQAC collects information from various sources and consolidates the same. AQAR of the institute appropriately captures the quality policy of the College, strategies adopted, tools and methods followed to implement and institutionalize the quality policies.

The IQAC of the College is involved in drawing the quality policies for Teaching-Learning, Research, Curriculum planning and implementation, Student activities, innovation and all the extracurricular and co-curricular activities. Quality parameters developed for various academic / administrative activities of the institute. Role of IQAC :

- Assessing the quality parameters and providing required suggestions for the improvement.
- Arranging training on pedagogy every semester for all newly admitted faculty.
- Conducting seminars / workshops, FDPs on emerging technologies for faculty.
- Conducting Guest Lectures from Industry/Experts.
- Arranging regular training / certification programmes for students and supporting staff.

- Encouraging R&D and Consultancy.

IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

Feedback will be collected from the stakeholders (students, alumni, industry experts, research organizations and parents) at regular intervals. Identifying the new processes and recommending the same for improving the quality. Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution Autonomy to the principal investigator

Timely medical assistance for students and staff can be given since a full-time Doctor is available on campus. Transport facilities are easily provided in case of emergency Grievance Cell inquires the girl students to raise the problems of harassment and take suitable action and safeguard them by concealing the secrecy.

For effective mentoring and welfare of the students, 20 students are under the guidance of faculty. The mentoring system is adopted to improve the rapport between the faculty and students. The main objective is to track the progress of the students and counsel them accordingly for academic and personal guidance. Parents of the students are timely informed wherever the necessity arises such as lack of attendance, poor academic performance and psycho-social problems.

File Description	Document
Any additional information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 5.8

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	6	5	7	6

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document

6.5.4 Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**

2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

The introduction of Internal Quality Assurance Cell (IQAC) after the first cycle of NAAC accreditation, there was tremendous improvement in the institution quality by setting benchmarks. Through interactive learning, collaborative learning and independent learning, efforts are being taken to build the student centric system. Needs of students and Faculty with respect to advanced domain are fulfilled by organizing various events, training workshops etc. Faculty members are deputed for attending need/interest based various courses, conferences symposium etc. The outcome of effective implementation of quality system are:

Center of Excellences

- IBM Center of Excellence
- Infosys “Campus Connect” Center of Excellence
- Harita Techserv Center of Excellence
- Dell EMC Center of Academic Excellence
- Auto Desk Center of Excellence
- Ramco Cement Centre of Excellence
- AWS Center of Excellence
- Sales Force Center of Excellence

Various Recognitions acquired by the Institution:

1. Best college and branch award based on CENTAC RANK AAA+ by Career 3600
2. EDU RAND ranked as the Best Engineering College in Puducherry State and one among top 50

colleges in Tamilnadu

3. Education World, a human development magazine has ranked the college as one among the top 100 private Engineering institutions in India during 2016.
4. Best College award for “Sustainable Industry Institute Partnership (SIIP)” by SEED 2016
5. Recipient of ASTRA achiever award, 2013
6. Best institution award among the top 15 colleges in India by IBM-TGMC, 2015
7. Recipient of Award of Excellence from Entrepreneurs Council of India, 2016
8. Best Academic Partnership Award from ICT Academy 2018

File Description	Document
Any additional information	View Document



Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 50

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
11	10	9	10	10

File Description

Document

List of gender equity promotion programs organized by the institution

[View Document](#)

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

Safety and security:-

The institute campus has a strict Security checks at entrance for all the persons. Students and staff wear Identity card at all times. Institute has installed 72 CCTV Cameras at different locations such as Institute Entrance, Library, Workshop, Director cum Principal's Office, Parking, all corridors and Computer Centre. Students are also being monitored during break time by faculty members. Separate hostel for boys and girls are being provided. Full time security guards have been employed in the hostel. Transport facility (24X7) is made available to reach hospital in case of emergencies. There are security guards in and around institution who is employed for 24x7 days. Around 55 college buses are being operated to Puducherry and places around Puducherry considering the safe travel of the students to college. All corridors are equipped with fire extinguishers.

Counseling:

The major objective of the counseling centre is to facilitate Academic, Emotional, Social and cognitive development of the students hence to empower them in their learning and personal development. The

institute has established Students Counseling Cell for the overall development of the students through interaction. Mentor (faculty) will take care of about 20 students. Students are allocated to specific mentor for entire semester. Specific issues related to mentee, identified by respective mentors during departmental counseling are forwarded to professional counselor appointed in the institution.

Common Room:

Girl's common room is available with essential facilities like first aid box, bed, wash basin etc. Vending machines for sanitary napkins are available in Girls common rest room.

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 9.27

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 500

7.1.3.2 Total annual power requirement (in KWH)

Response: 5395

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 32.79

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 20

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 61

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

Response:**Solid waste management:**

Institute practices the segregation of Solid Waste and its effective management in the campus. The collected waste is segregated as the source of generation. The waste bins are placed separately for dry and wet waste at every corner of the corridor, wash rooms and common room. The dry waste bins are also placed in laboratories, library, classrooms, etc. The dry and wet waste is handed over to municipal waste collection agency for further process.

Old newspapers, used papers and journal files, workshop scrap etc. are given for recycling to external agencies.

Liquid waste management:

Liquid Waste from the wash rooms is connected to the municipal sewage line by means of trucks.

E-waste management:

Due to advancement in technology, various types of electronic gadgets are being manufactured and marketed. These products become outdated after few months or years. Since these products contain some kind of hazardous materials like lithium, lead, zinc, etc. improper disposal of these products is harmful for living beings. Therefore, management of E-waste is an important issue. E-waste management is done by collecting all the electronic waste generated in the institute premises at a central storage space allocated for the same and sent for recycling through an E-waste recycler.

File Description	Document
Any additional information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus**Response:**

It is a known fact to all of us that water is the basis of all living beings on the earth. Especially countries like India depend on rains and snowfall for its agriculture. Unfortunately, during heavy rains most of the water is being wasted to rivers and seas. Therefore, rainwater harvesting became necessary step which everyone should practice. Institute has rainwater harvesting system to collect the rainwater. The catchment

area is the roof of institute building. The rooftop rain water collected on the terrace of the institute building is collected through adequate pipe system from different parts of the terrace. All the rain water thus collected is diverted to common channel and collected in a tube well dug in the campus. It will increase the ground water table of the surrounding premises.

File Description	Document
Any additional information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

The rapid development in infrastructure at local, regional and global level has led to various environmental issues. To support and build healthy environment it becomes necessary to adopt green practices. Being a leading institution of higher Technical Education, Institute initiates the Green Campus activity which will support environmental sustainable development. 'The Green Campus' actively promote the various programs for the environment protection and sustainability are:

1. Bicycles: All the students and also staff are persuaded not to utilize their IC engine vehicles in the campus and are restricted for parking it. Bicycles are only used by security guards to go round the campus and monitor. The students and staff have to walk only to move in and around college. This will help to maintain their health.
 2. Public Transport: The Institute is providing transportation facility from various locations in Puducherry and surrounding places like Cuddalore, Villupuram, Tindivanam, Neyveli, Kurinjipadi, Marakkanam etc. The Institute is operating 55 buses, which carry thousands of students from and to their destinations. Free transportation facility is provided for all the staff.
 3. Pedestrian friendly roads: The campus has road facility which is always kept clean. Lush green and flowering plants/ trees are planted for ambience and creating a wonderful microcosm.
- Plastic-free campus: All types of plastic covers which can harm the environment are strictly banned. Any stray plastic bags or other objects observed will be disposed properly by the house keeping staff and also by the students.
 - Paperless office: The institute is using sophisticated softwares for all academic progress and also to send information to officials and to their parents. Different widely known social websites and mails such as gmail, WhatsApp etc. are also being used to transfer the information, circulars and notices.
 - Green landscaping with trees and plants: The wide spread campus is planted with different trees

and plants. The management is very keen in maintaining green campus and does not allow to cut any tree/ branches at any cause. Some of the students are adopting some of the plants and watering them on every day.

File Description	Document
Any additional information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 2

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
11.85	11.33	10.67	10.2	9.63

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: D. At least 2 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 13

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	2	3	4	4

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 7

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	1	0

File Description	Document
Any additional information	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes	
File Description	Document
Any additional information	View Document

7.1.13 Display of core values in the institution and on its website	
Response: Yes	
File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations	
Response: Yes	
File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document

7.1.15 The institution offers a course on Human Values and professional ethics	
Response: Yes	
File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions	
Response: Yes	
File Description	Document
Any additional information	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct,	
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Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 111

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
24	23	29	17	18

File Description	Document
List of activities conducted for promotion of universal values	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

The institute believes in all-round development of the student's personality. Towards this attainment, the institute organizes several co-curricular and extra-curricular activities. These activities contribute to the program outcomes such as addressing societal problems, (PO6), environmental awareness (PO7), life-long learning (PO12), and professional ethics (PO8). Several programs are organized every year to create inspiration among the students for excellence. Only a few are listed below for the sake of brevity.

Republic Day (26 Jan) is celebrated reverentially and a few students are honored for their excellence in academic work and/or curricular activities.

International Women's Day (08 Mar) is celebrated to recognize and honor the contribution of women in the Indian context and international arena.

Teachers' Day (05 Sept) is celebrated to recognize and honor the role teacher's play in building the nation. Students organize this function happily and reverentially.

Engineers' Day (15 Sept.) is celebrated to commemorate the contributions of Sir Mokshagundam Visveswaraya which is observed as **Innovators Day** every year. In this, students are motivated to exhibit their innovative projects and the best projects are given prize amount of more than a lakh.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

SMVEC maintains systematic practices to ensure 100% honesty in all spheres of its activities. Financial activities are transparent to all the employees and all avenues of pilferage are avoided through announcements in HODs meetings.

Academic matters are transparent to avoid any untoward mistake affecting any student. Proper checks and balances are in place to ensure that teaching, examinations, and an evaluation system goes on smoothly.

Administration process is made very easy, very clear, and wrinkles free to make it very transparent, just, and quick process.

All auxiliary functions such as sports, hostels, and transport are handled seamlessly to give maximum comfort to students and employees.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Best Practice I

Title of the Practice: Capacity building of students towards professional skill enhancement

Objective of the Practice follows:

- To improve the professional skills of students
- To make the students industry ready
- To fill the gap between industry and curriculum.

The context:

The following are the issues which motivated the college to implement the Technical club. Recent studies focus that the engineering students need more employability skills. Further, number of students going for higher studies and working in R&D lab is also very less.

The practice:

- Pre-Placement training is imparted to students, this training includes training on soft skills, programming skills, aptitude skills and Technical skills to match with industry needs and to achieve their short term and long term goals. Trainers are hired from reputed training companies who impart training and evaluate the students accordingly.
- Various placement activities like resume preparation and correction, aptitude training and mock interview are being conducted by our alumni
- Skill development programs, communication skill programs and new tools demonstrations are imparted to students at regular intervals.
- Value added courses, Hands on training Various club activities were provided to the students
- Our Alumni is providing guest lectures, seminar, workshops and motivation classes for the final years and pre-final year students for their bright future.

Evidence of success:

Evidence of success performance and Review of results are given below:

- The students placement record is good amidst the situation prevailing in the country

Problems Encountered and Resources Required:

The problems identified and resources provided to implement the practice are:

- Apart from regular theory and practical classes, allocating adequate time for guest lectures, workshops, seminars and motivational classes have encourages the students to acquire better knowledge.
- The requirements of industry is changing at fast rate
- The openings for placement is also decreasing day by day

Best Practice II

Title of the Practice: Innovator's day

Objective of the Practice follows:

- It encourages the students to come up with new ideas and projects to the innovation of our country.
- It improves the practical knowledge of the students
- Motivating the students to learn new tools and technologies

The context:

The following are the issues which motivated the college to conduct the Innovators day.

- To come up with the new projects
- To increase the placement count to the students

- Learn new technologies and need of inter-college communication

The practice:

- Projects from students of different colleges in our country are welcome for the Innovator's day which improves the inter-college communication.
- Industry experts will evaluate the projects.
- Among the submitted projects, best project will be identified and they will be awarded with cash prize and awards.

Evidence of success:

Evidence of success performance and Review of results are given below:

- Successful project outcomes.
- Placement through learning new technologies.
- Won awards and cash prizes in various project contests organized by industries.
- Better performance in the practical classes.

Problems Encountered and Resources Required:

Some of the problems identified and resources provided to implement the practice are:

- There is a need to organize workshops, seminars and new tool demonstration given by external experts.
- For the project evaluation industrial experts are welcomed from various organizations.
- Students and faculties from our institution are promoting this event among different colleges in and around the country by posters, emails, phone calls and invitation in the website.

File Description	Document
Any additional information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Institute vision is to impart quality education, by virtue of which student contributes in technological as well as societal growth and welfare. In-line with the vision, priority and thrust, the institute consistently provides motivation, support and platform for students to inculcate entrepreneurial, leadership, project management and multidisciplinary skills for enrichment of technical competency. Institute is distinctive in providing global platform to students' teams to participate in national and international competitions like Testimony, Encode, Innovate, IEEMA etc. This platform helps the students to deal with the real life

problems by conceptualizing, designing, fabricating and testing the prototype. The Institute provides necessary financial assistance and resources required every year to strengthen such activities.

Pondicherry University Gold Medals and Top Ten Ranks

	Year	Total Number of Gold Medals	Number of University Top Ten Ranks
	2007	8	28
	2008	8	28
	2009	5	45
	2010	7	54
	2011	9	47
	2012	9	49
	2013	7	56
	2014	8	57
	2015	8	62
	2016	8	72

Placement Details

Sl No.	Number of Companies visited to college	Year	Number of Students Placed (offered)	Percentage of Students Placed in the campus
1	23 till date	2019	700 (till date)	85
2	48	2018	850	90
3	48	2017	875	92
4	37	2016	825	90.5
5	38	2015	775	87

Students Achievements:

1. Winner of **Testimony** 2014, 2015, 2016 and 2017 contests conducted by TCS with a cash award of **Rs. 1,00,000/-** every year.
2. **Gandhian Young Technological Innovation Award 2018**, with a cash award of Rs.1,00,000/- was received by the 2nd year EEE students on 19.3.2018 in the FINE festival at Rashtrapati Bhavan, New Delhi from our **Honb'le President Ramnath Govind and Shri. Harshavardhan, Minister for Science and Technology and Earth sciences.**
3. **L&T TECHgium 2017-18** - Bronze Medal Award with cash prize of Rs.2,00,000/- was received by III ECE students for the project titled "**Smart Tool Smart Tool Integration With IOT**".

4. Third Year IT won the **"UNISYS CLOUD 20/20 Y9Title Winner"** with a cash prize of Rs. 2 lakhs and Job Offer with a package of Rs. 5,30,018 per annum from **Unisys**.
5. Third Year IT won the III Prize in **"UNISYS CLOUD 20/20"** contest with a cash prize of Rs. 1 lakh and Job Offer with a package of Rs.5,30,018 per annum from **Unisys**.
6. Third year Mechanical department students won First prize and a cash award of Rs. 1 lakh in the event **Innovation X 1.0** held at **SR Engineering College, Warangal**. They also got an Incubation opportunity.
7. Second year ICE students won the III prize with a cash award of Rs. 35,000/- in National level competition **Tech Expo 2017** conducted by **IIT Guwhati**.
8. IT student won the First Prize in **"Research and Innovation Expo 2017"**, A National level Technical contest organized at **IIT Madras** and won a cash prize of Rs. 1,00,000/-
9. IT student won the Second Prize with a cash award of Rs.50,000 in the National Level Project Contest **"Dr. A.P.J. Abdul Kalam Innovative Innovation Ecosystem 2017"** organized by Sairam Engineering College.
10. CSE students won Second Prize with the cash award of Rs.1,00,000/- and got the job offer in the contest **"InfraMind 2018"** a National Level IT Infrastructure based contest **organized by TCS**.

Outcome:

The institution keenly paves its involvement in molding the students to get their valuable degree with excellence, developing Entrepreneurship qualities and providing better Placements. Furnishing such innovative platform, institute's consistent exertion is to guide students in making meticulous career choice, identifying the best available opportunities and developing ability to grab them. Institute has developed and maintain proper liaison with top rank national & multinational corporate recruiters.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5. CONCLUSION

Additional Information :

- The Institute has adequate infrastructure, supporting academic facilities, state of the art laboratories with well qualified and experienced faculty members with good retention ratio.
- A practice of quality assurance is designed to regularly address, monitor and evaluate the quality of education offered to students, and promoting effective teaching-learning methods for the benefit of both students and teachers and making the institution a place for excellent temple of knowledge in engineering science and technology.
- Best standards and practices of good governance shall be put to bring in transparency of operations and improve credibility at all levels.
- Skills among students are developed through Interactive Teaching–Learning Process, Corporate exposure by Industry Internship and project work and thus make them ready to get into industry soon after the completion of their course.
- Research work among staff members is encouraged in order to update their knowledge.
- Well equipped Laboratory facilities shall be provided in all the departments.
- Reputed Industries are invited for campus placements.

Quality Policy

Our quality policy is to impart value based education to the students both in theory and practical aspects of Engineering and Technology.

This policy envisages

1. Developing Young Technocrats on year-to-year basis to contribute the industries through improved academic performance.
2. To prepare and enrich students with the power of knowledge and to attain prosperity through enhanced placement prospects.
3. To review and improve the effectiveness of the system continually as well as to comply with the statutory and regulatory requirements.

Concluding Remarks :

Institute has well framed vision and mission, considering the needs of the society. Best academics, infrastructure, research laboratories, industry-interaction, self-learning and co-curricular and extra-curricular activities are some of the special features which cater to the comprehensive development of the students.

The governance comprising of Governing Body, Departmental Advisory Board, Internal Quality Assurance Cell, Institute Development Committee and various institute level committees. All these play significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stakeholders.

The Institute believes in promoting a culture of delegation of powers through strategic policies. The Director

cum Principal of Institute is assisted by HODs, Administrative Head, Section in-charges and coordinators of various committees in decision-making process at the Institute.

Institute executes strategic planning from time to time for producing quality engineers and overall growth of the institute. It has well established organizational structure to execute smooth functioning of administrative and academic processes.

Institute regularly conducts training to staff and faculty members for implementation of quality procedures.

External audit by various agencies internal audit is undertaken periodically to improve institutional activities.

Future Plans

1. To rise up to the vision against all odds and become centre of academic excellence
2. To Establish exclusive R&D cell and EDC
3. To focus on consultancy services
4. To become self-sufficient in all the areas and to overcome the competition and re-establish as a brand of its own
5. To enrich the resources required wherever and whenever consistently
6. To discharge placement activities until all the students are placed in job
7. To advance towards integrated campus and finally becoming a University
8. To establish more center of excellence with industry, renowned academic institution and research laboratories
9. To establish more number of MoU's with industries
10. To provide enhance the activity of TBI cell such that more number of entrepreneurs will be emerging
11. To conduct more number of skill development programs to the students
12. To create awareness related to job opportunities and national building etc.,

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.2	<p>Number of certificate/diploma program introduced during the last five years</p> <p>1.1.2.1. Number of certificate/diploma programs introduced year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>86</td> <td>81</td> <td>75</td> <td>70</td> <td>73</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>6</td> <td>5</td> <td>6</td> <td>6</td> </tr> </tbody> </table> <p>Remark : HEI input edited according to provided documents.</p>	2017-18	2016-17	2015-16	2014-15	2013-14	86	81	75	70	73	2017-18	2016-17	2015-16	2014-15	2013-14	8	6	5	6	6
2017-18	2016-17	2015-16	2014-15	2013-14																	
86	81	75	70	73																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
8	6	5	6	6																	
1.1.3	<p>Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years</p> <p>1.1.3.1. Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>14</td> <td>12</td> <td>11</td> <td>11</td> <td>11</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>0</td> <td>0</td> <td>0</td> <td>04</td> </tr> </tbody> </table> <p>Remark : HEI input edited according to provided documents. Note that One Full-time teacher to be counted once irrespective of number of participation in different bodies in last five years.</p>	2017-18	2016-17	2015-16	2014-15	2013-14	14	12	11	11	11	2017-18	2016-17	2015-16	2014-15	2013-14	4	0	0	0	04
2017-18	2016-17	2015-16	2014-15	2013-14																	
14	12	11	11	11																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
4	0	0	0	04																	
1.2.1	<p>Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years</p> <p>1.2.1.1. How many new courses are introduced within the last five years</p> <p>Answer before DVV Verification : 1351</p> <p>Answer after DVV Verification: 668</p>																				
1.3.2	Number of value added courses imparting transferable and life skills offered during the last five years																				

	<p>1.3.2.1. Number of value-added courses imparting transferable and life skills offered during the last five years</p> <p>Answer before DVV Verification : 339</p> <p>Answer after DVV Verification: 211</p>																				
2.3.3	<p>Ratio of students to mentor for academic and stress related issues</p> <p>2.3.3.1. Number of mentors</p> <p>Answer before DVV Verification : 304</p> <p>Answer after DVV Verification: 304</p>																				
2.4.2	<p>Average percentage of full time teachers with Ph.D. during the last five years</p> <p>2.4.2.1. Number of full time teachers with Ph.D. year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>44</td> <td>40</td> <td>31</td> <td>20</td> <td>19</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>12</td> <td>12</td> <td>11</td> <td>10</td> </tr> </tbody> </table> <p>Remark : HEI input edited according to provided documents.</p>	2017-18	2016-17	2015-16	2014-15	2013-14	44	40	31	20	19	2017-18	2016-17	2015-16	2014-15	2013-14	12	12	12	11	10
2017-18	2016-17	2015-16	2014-15	2013-14																	
44	40	31	20	19																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
12	12	12	11	10																	
2.4.4	<p>Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years</p> <p>2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>63</td> <td>70</td> <td>47</td> <td>41</td> <td>38</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>5</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : HEI input edited according to provided documents.</p>	2017-18	2016-17	2015-16	2014-15	2013-14	63	70	47	41	38	2017-18	2016-17	2015-16	2014-15	2013-14	2	5	1	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
63	70	47	41	38																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
2	5	1	0	0																	
3.1.1	<p>Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)</p>																				

3.1.1.1. Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
22.95	28.35	15.93	16.41	21.31

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
22.95	28.35	15.93	16.41	21.31

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

3.1.3.1. Number of research projects funded by government and non-government agencies during the last five years

Answer before DVV Verification : 92

Answer after DVV Verification: 92

3.1.3.2. Number of full time teachers worked in the institution during the last 5 years

Answer before DVV Verification : 304

Answer after DVV Verification: 304

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

3.3.4.1. Number of research papers in the Journals notified on UGC website during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
85	43	23	48	86

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
33	12	15	18	34

Remark : HEI input edited according to provided documents.

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

3.3.5.1. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
81	92	79	76	42

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
18	0	0	0	0

Remark : HEI input edited according to provided documents.

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
25	14	7	4	4

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
5	1	1	2	2

Remark : HEI input edited according to provided documents.

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

3.5.1.1. Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
271	249	239	166	145

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
5	4	5	13	4

Remark : HEI input edited according to provided documents.

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other

Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

3.5.2.1. Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
8	5	6	9	7

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
2	4	6	5	5

Remark : HEI input edited according to provided documents.

4.2.6 Percentage per day usage of library by teachers and students

4.2.6.1. Average number of teachers and students using library per day over last one year

Answer before DVV Verification : 1596

Answer after DVV Verification: 150

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

5.1.5.1. Number of students attending VET year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1982	1929	1906	873	491

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1982	17	1906	873	491

Remark : HEI input edited according to provided documents.

5.2.2 Percentage of student progression to higher education (previous graduating batch)

5.2.2.1. Number of outgoing students progressing to higher education

Answer before DVV Verification : 271

Answer after DVV Verification: 35

Remark : HEI input edited according to provided excel sheet. Previous graduating batch students

to be consider.

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1. Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
28	45	30	33	31

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
5	1	2	0	0

5.2.3.2. Number of students who have appeared for the exams year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
42	49	46	41	42

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
42	49	46	41	42

Remark : HEI input edited according to provided documents.

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
11	10	10	9	10

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	0	3	1

Remark : HEI input edited according to provided documents. Only award to be consider, participation not consider here.

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

6.3.2.1. Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
156	152	147	139	130

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
13	12	17	18	11

Remark : HEI input edited according to provided documents.

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
36	29	28	27	21

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
8	9	8	10	8

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

6.3.4.1. Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
271	261	257	248	178

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
11	8	6	4	2

Remark : HEI input edited according to provided documents.

6.5.3

Average number of quality initiatives by IQAC for promoting quality culture per year

6.5.3.1. Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
64	57	50	44	35

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
5	6	5	7	6

7.1.9

Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

Answer before DVV Verification : A. 7 and more of the above

Answer After DVV Verification: D. At least 2 of the above

Remark : HEI input edited according to provided documents.

7.1.10

Number of Specific initiatives to address locational advantages and disadvantages during the last five years 7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
13	13	14	11	10

Answer After DVV Verification :

--	--	--	--	--

2017-18	2016-17	2015-16	2014-15	2013-14
0	2	3	4	4

Remark : HEI input edited according to provided documents.

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
13	13	14	11	10

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	1	0

Remark : HEI input edited according to provided documents,

2.Extended Profile Deviations

ID	Extended Questions										
1.2	Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)										
	Answer before DVV Verification:										
	<table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>528</td> <td>577</td> <td>556</td> <td>501</td> <td>518</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	528	577	556	501	518
2017-18	2016-17	2015-16	2014-15	2013-14							
528	577	556	501	518							
	Answer After DVV Verification:										
	<table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>527.65</td> <td>577.09</td> <td>556.34</td> <td>501.22</td> <td>518.36</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	527.65	577.09	556.34	501.22	518.36
2017-18	2016-17	2015-16	2014-15	2013-14							
527.65	577.09	556.34	501.22	518.36							