SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

AVS ENGINEERING COLLEGE

MILITARY ROAD, AMMAPET, SALEM, TAMILNADU -636003
636003
https://avsenggcollege.ac.in/

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

January 2024

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

AVS Engineering College, a premier Engineering Institution in Salem District, Tamilnadu, is approved by AICTE and affiliated to Anna University, Chennai. It was started in the year 2008 under the aegis of Om Sri Vivekananda Educational Trust. The college has 15 years experience in providing technical education to the student community with the guidance of a proactive Management. By fostering excellence in education and research, the college ensures the holistic development of the students to become competent professionals and responsible citizens of our nation.

The college offers 8 UG and 7 PG courses in which 2274 students pursuing their higher education. The college is spread in a sprawling 10.88 acres. Excellent infrastructure amenities like 6 Wi-Fi and CCTV enabled blocks, 49 classrooms and 5 tutorial hall with LCD projectors for enhancing teaching and learning process, 32 well-equipped laboratories, automated digital library, Seminar Halls for every department, open auditorium, food court, cafeteria, separate hostels for boys and girls, fitness centre, playgrounds, consistent power supply, and RO facilities are provided inside the campus. The college is a life member of professional bodies like ISTE, IEI, IIF etc., and has Centre of Excellence in all disciplines offered.

The college has a strong academic record with 32 University Ranks and high pass percentage. It has an excellent placement record with 3000+ students receiving placements in reputed companies. There is a local NPTEL chapter and many certificate programs, add-on courses, skill development courses, coaching for competitive examinations etc., are available to develop employability skills in students enabling them to become industry ready. The College has 38 MoUs with industries and organizations to bridge the gap in the industrial needs and students competencies.

Well-qualified and Experienced Faculty team are committed to teach, mentor, guide and support the students by imparting updated knowledge and skills to foster 360-degree personality development. They imbibe ethics and values, and cultivate a culture for innovation and creativity. Outcome based educational teaching and learning methodologies are followed to enhance the global competencies of the students. 30+ forums, clubs, cells and associations conduct activities to enhance the co-curricular and extracurricular skills of the students.

Institute Vision

To be a premier institution committed to fostering excellence in education, research, and innovation, producing globally competent engineers who contribute to societal development.

Institute Mission

- To provide outcome and value based technical education
- To enable students to get industry ready and fulfil their career aspirations
- To facilitate innovations and nurture ethical leadership in students to gain global competencies.
- To empower students to become responsible citizens so as to create positive impact on society.

Vision

To be a premier institution committed to fostering excellence in education, research, and innovation, producing globally competent engineers who contribute to societal development.

Mission

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- To enable students to get industry ready and fulfil their career aspirations
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- To empower students to become responsible citizens so as to create positive impact on society.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Proactive and approachable Management with Encouraging Leadership
- Located within Salem City limits
- Achieved 32 university ranks
- Awards received - Best Engineering College, Best Motivating College, Academic Excellence Green Campus
- 1900 plus students placed in reputed companies in last 5 years
- Committed and well-qualified Faculty Team
- Merit Scholarships and Fee waiving for meritorious and deserving students
- ICT enabled Smart Classrooms and Digital Library with e-learning resources
- Centre of Excellence in all disciplines
- Career Guidance and Placements Training for all years
- Skill oriented learning activities
- Act as a Local Chapter in SWAYAM-NPTEL
- MoUs and Business Networks for Industrial Visits and Industry Connect
- Effective Mentoring to guide, support and monitor students' holistic growth
- Upgradation in academics and administration
- Modernized Infrastructure with Sports grounds, Gym, Wi-Fi and CCTV facilities
- Green and Energy regulated Campus for Sustainable Development
- Green Initiatives like Solar Power Plant, Bio-Gas Plant etc.,
- National /State /University level sport championships in Boxing, Power Lifting, Weight Lifting, Physique Building etc.,

Institutional Weakness

- Less opportunity to frame desired curriculum being affiliated to Anna University
- Limited resources for Research funding and enabling Research Centres
- Student population from vernacular medium and First Graduates

Institutional Opportunity

- Establishing Centres of Excellence in all Engineering disciplines
- Developing technical and life skills of the students to mould them as future leaders
- Developing Entrepreneurial prospects through Entrepreneurship Development Cell
- Promoting Start up environment with product development and patent filing
- Engaging Youth Power in Service Activities to encourage social responsibility and community development
- Obtaining Autonomous and University status after NAAC accreditation

Institutional Challenge

- Recruiting Faculty in emerging areas of study
- Developing corporate level communication skills
- Receiving funds from Anna University, AICTE, UGC and other Government organizations without accreditation

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

AVS Engineering College is affiliated to Anna University, Chennai, Tamilnadu. The curriculum framed by Anna University is followed, as per the regulations, for the 8 UG and 7 PG degree programs offered. CBCS pattern with open electives is adhered where the students can select courses according to their choice. The Institution takes diligent efforts to frame the Academic Calendar for every semester. This includes all the co-curricular and extra- curricular activities schedule. Faculty members follow the Academic Calendar schedule and plan their course oriented preparations accordingly. Course lesson plan, delivery methods, notes, teaching and learning activities to enhance student's competencies are prepared according to the syllabus. Co-curricular activities like Workshops, Seminars, Guest Lectures, Trainings, Industrial Visits, etc are executed as per the Academic Calendar. Assessments like Internal Tests and External Examinations are conducted as per the Anna University schedule.

81 Add -On courses have been conducted to foster technical and non-technical skills in students required to make them industry ready. These courses are taught to make the students gain knowledge beyond the prescribed syllabus of the university. Around 60% of students have done Internships in various organizations and industries and have honed their academic and industry skills. Students research and innovative skills are developed through projects. 2793 students have done their projects in the last 5 years. Moreover, the College is very particular in creating awareness about cross cutting issues related to Gender, Human Values, Environmental Science, Sustainability Professional Ethics, etc. Awareness programmes on gender equality, women empowerment, environmental protection, sustainable measures, ethics and values in profession and in daily life and service camps to the society are conducted to groom the students into responsible and better citizens. Communication and aptitude training classes are included in the regular time table to enable the students to be placed in reputed companies.

Feedback is collected from stakeholders on academic and non- academic aspects of the college to ensure continuous progress towards achieving a status of eminence.

Teaching-learning and Evaluation

AVSEC focuses on creating a conducive ambience for both students and teachers, where a positive learning environment can strengthen the purpose of Teaching and Learning. For the 8 Under Graduate Degrees offered, students are admitted based on their grade 12 marks through Tamilnadu Engineering Admission Counseling and Consortium with the approval of the Directorate of Technical Education. The Student-Teacher ratio for UG degree is maintained at 15:1. For 7 Post Graduate Degrees, the students are admitted based on their TANCET (Tamilnadu Common Entrance Test conducted by Anna University), GATE (Graduate Aptitude Test in Engineering) scores and Consortium. The Student-Teacher ratio for M.E. degrees is maintained at 15:1 and for M.B.A at 20:1. For both UG and PG degrees, 69% of students are admitted under the State Reservation Policy of Tamilnadu.

Implementation of NEP: The Institution adheres to National Education Policy 2020 and aims to deliver outcome based education (OBE) to the student community. It is keen in fostering a systematic and planned teaching-learning process to achieve the outcomes of teaching and learning. Student-centric teaching and learning methods with ICT tools are used by the Faculty members to boost the understanding and learning capabilities of students. These methods aid in improved results and thus heighten the percentage of graduating students who are ready to fit into the corporate world. Experiential, Participative and Problem Solving learning methods are regularly infused in the classroom teaching, which are collaborative and exploratory in nature. These methods make the students get more involved in the class and also gain deeper learning. Well-qualified Faculty members are appointed to impart quality education. Their expertise in teaching and learning process enable the development of knowledge and skills of the students.

Continuous Assessments are done internally throughout the semester with two Internal Assessment Tests and one Model Examination and the External Examinations are conducted by the affiliating Anna University at the end of every semester. Transparency is followed in conducting and assessing of the examinations. Grievances in the conduction and evaluation in these exams are resolved and recorded in a efficient and time-bound manner.

Program Outcomes and Course Outcomes of all Programs and Courses are displayed in the college's website, departments and classrooms for the students to know. These outcomes are explained to the students at the beginning of every Program and Course. At the end of every semester Course Outcomes are evaluated with the marks obtained by the students in internal and external assessments. The Program Outcomes are analyzed at the end of the final semester for measuring the attainment of POs and students survey is taken for any necessary future actions for the enhancement of teaching-learning process and the intended outcomes by the Institute.

Research, Innovations and Extension

AVS Engineering College (AVSEC) has a system which supports innovation, research, and extension. For a better technology transfer, the innovation ecosystem encourages faculty members to pursue Ph.D. and to publish their research articles in reputed journals. A fund of Rs. 18.30632 lakhs received from both Government and Non-Government agencies for research projects. The college organized 51 workshops / seminars on Research Methodology, Intellectual Property Rights and Entrepreneurship. The faculty members are encouraged to attend conferences, FDP, Workshops, STTP, and LTTP. Additionally, faculty teams are encouraged to accomplish projects for government and non -government projects and has received funds from the TNSCST, EDII, IEI, and other non-governmental organisations.

Through Institution's Innovation Council (IIC) students and faculty members are given a platform to share their novel ideas which in turn established into products, patents, register Start-ups, develop Apps, design prototypes and make them successful entrepreneurs with the help of internal and external experts through Incubation Centre, Intellectual Property Rights Cell (IPR) and Entrepreneurship Development Cell (EDC). To bridge the gap between Industry and Academia, 39 MoUs have been signed with reputed Institutes and Industries are established through Industry Institute and Interaction Cell (IIIC) by conducting Expert talks, Internship Trainings, Projects and Collaborations to support students' holistic growth.

The Indian Knowledge system (IKS) in AVSEC promotes students to participate in interdisciplinary activities with respect to Indian heritage; traditions, cultures and its scientific significance are imparted to the students.

AVS Engineering College encourages its students to participate in community services and extension activities for the adopted villages under the National Service Scheme (NSS) and Unnat Bharat Abhiyan (UBA). Nearly 55 extension and outreach programmes have been conducted and honoured with 25 plus awards and appreciationss. Thus, the students are given opportunity to educate the rural society people by participating in awareness programs and received awards and appreciations for the same. Participations in NSS community services allows students to develop social responsibilities and to maintain human values, contributions as relief funds towards natural calamities and for the needy people are identified and fulfilled. The ecosystem followed in AVSEC justifies the skills required to survive for a sustainable growth.

Infrastructure and Learning Resources

AVS Engineering College is spread over 10.88 acres of land in Salem corporation limit. It encompasses a built-up area of 44010 sq. m. with 7 academic blocks with well-established amenities. The college management provides adequate infrastructure and learning resources for effective teaching and learning. The college upgrades its infrastructure continuously based on the opinions of the stakeholders to meet the recent educational trends. The physical facilities consist of 5 tutorial hall and 49 classrooms are ICT enabled, 32 laboratories, multipurpose air conditioned halls, an open and closed auditorium, smart classroom, cafeteria, RO plant, spacious ground for indoor and outdoor sports, yoga & meditation center, health clinic, counselling centre, day care centre, parking facility, uninterrupted electric facility, ramp for divyangjan, separate hostel facilities for boys and girls within the campus. A budget of over 1350 lakhs has been allocated for infrastructure augmentation and 1300 lakhs for infrastructure maintenance in the last 5 years. The college has fully automated library with 38701 Volumes, 90 Journals, 10 Magazines, 6300 + e-journals. DELNET, NDLI, Remotlog, NPTEL Video Courses, ShodhSindhu and other e-learning facilities are also provided through digital library. The institution offers excellent IT facilities with regular updates. The college maintains student computer ratio less than 5 with the latest configuration and high speed Wi-Fi facility throughout the campus. 115 CCTV cameras are installed for 24/7 surveillance security and safety measures include fire extinguishers and lightening arrester. A generator with 250 kv capacity is provided to manage power shut down. The college has

effective maintenance mechanism to ensure the optimal functioning of all infrastructural facilities.

Student Support and Progression

AVSEC aims to help the students to select the right career path based on their educational and professional choices. The College's SC/ ST Cell orients the SC/ ST category students on various Government Scholarships. 8538 students have received Rs.406690159.00 scholarship from Government for last five years. Nearly 18.36 percentage of students have been benefitted by freeships provided by the Institution and Non-Government Agencies. In the last 5 years nearly 25 career counselling and competitive exams coaching programmes have been organized and 8691 students have benefitted by these trainings. The Training and Placement Department has placed 1963 students in reputed corporates and industries with 77.52 percent of students placed through campus drives. Around 150 students have progressed to higher education. The Institution has various committees like Anti Ragging Committee, Grievance Redressal Committee, Internal Compliance Committee etc., to redress the grievances of the students including sexual harassment and ragging. In the last five years the college has offered competence building Skill Development Programmes that includes Soft Skills, Communication Skills, Life Skills and ICT Computing Skills. The College excels in International, National and State Level Sports and also in Cultural Activities and out of 204 events 92 winners have brought laurels in International, National, State and University Level Events. The College has a registered Alumni Association [Registered on 2022]. The Alumni has extend their support to the College both financially and non- financially. Every year Alumni Meet is conducted and our Alumni render their help in pre- placement trainings and orientations. They also contribute for infrastructure development like purchase of chairs, tables , standing fans , projector and cots for hostel etc.,

Governance, Leadership and Management

Institution Vision and Leadership:

AVS Engineering College demonstrates a intense commitment to its vision of academic excellence, innovation, and holistic student development. The institution has various committee's through which all the faculty members are involved in participatory management.

Strategy Development and Deployment:

The institution excels in strategic planning, with a well-defined roadmap aligned with its vision. The strategic plan outlines clear goals, objectives, and performance indicators. The institution has development long and short-term plans that includes

- Obtaining NAAC Accreditation,
- Getting Research centre recognition,
- Improving NIRF ranking
- NBA Accreditation for all department
- Tie-up with foreign universities.

Faculty Empowerment Strategies:

The institution employs a range of strategies to empower faculty members, including continuous professional

development programs, research incentives. Through the welfare measures around 60% of the faculty members get financial support to participate in Conferences, Seminars, Workshops. This commitment ensures a dynamic and motivated faculty team that contributes significantly to the institution's academic vibrancy.

Financial Management and Resource Mobilization:

AVS Engineering College maintains a sound financial management system, ensuring transparency, accountability, and optimal utilization of resources. The institution employs effective budgeting practices, aligning financial allocations with strategic priorities and conducts periodic Internal and external financial audit. Diversified resource mobilization efforts, including collaborations, industry partnerships, and research grants, contribute to the institution's financial sustainability and support ambitious development projects.

Internal Quality Assurance System:

The institution has established a strong Internal Quality Assurance Cell (IQAC) which helps in all the functions. IQAC was established on 08.07.2021. Regular audits, reviews, and feedback mechanisms ensure adherence to quality benchmarks. The IQAC not only identifies areas for improvement but also facilitates a culture of continuous enhancement.

The following are the various IQAC Initiatives

- Academic and Administrative Audit
- Institutional Accreditation and Ranking
- Industry Collaborations
- Outcome based education

Institutional Values and Best Practices

AVSEC fosters Gender Equity in co-curricular and extracurricular activities. Amenities such as Common Room, Day Care Centre, Faculty Lounge etc., are available for Women inside the campus. The Institute fosters environmental consciousness with Energy Conservation being top priority. Installing a 40kW Solar Panel, Biogas Plant are the ways to implement Green and Renewable energy sources as an Alternate Energy Source. By disposing of waste in the appropriate trash bins, drainage systems, etc., Waste Management System is being operated efficiently. The campus is kept environmentally friendly by using water conservation measures including Rainwater Harvesting and Bore well recharging, Limiting the entry of vehicles on campus, encouraging students to ride their bicycles and landscaping with more plants that release oxygen into the air. The Barrier-free environment consists of a ramp access, tactile path, wheel chair, accessible toilets, sign boards to promote the autonomous function of people with disabilities to engage in daily activities without any interference. Environment, Energy and Green audits (EEG) are conducted yearly to guarantee the use of Renewable Energy sources and to keep an environmentally pleasant atmosphere. As a demonstration of its Green Initiative, the Institution has planted 4000+ Saplings in the surrounding neighbourhoods. The College hosts celebrations of cultural, regional, linguistic, communal and socioeconomic diversity in order to foster an inclusive atmosphere. Examples of these celebrations are International Women's Day, Diwali, Ramadan, Christmas, Pongal, Navarathiri, Vinayagar Chathurthi, Salem Day and others. Students receive education regarding their basic Rights, Obligations and Responsibilities through a variety of programs such as awareness Programs for Voter's Day, No Smoking Day, Human Values and Blood Donation camps. To instil patriotism among students, the College celebrates National days such as Republic Day and Independence Day.

Best Practices:

1. Mentor-Mentee System (MMS)

2. Youth Power Activities

Institution Distinctiveness – CAPS (C- Concept of the Day, A-Academic Performance, P-Placement Training, S- Sports)

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	AVS ENGINEERING COLLEGE
Address	MILITARY ROAD, AMMAPET, SALEM, TAMILNADU -636003
City	Salem
State	Tamil Nadu
Pin	636003
Website	https://avsenggcollege.ac.in/

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	J SUNDARA RAJAN	0427-2295797	9488806145	0427-2296555	principal@avsenggcollege.ac.in
IQAC / CIQA coordinator	R VISWANATHAN	-	9976729569	-	viswanathanr@avsecmail.in

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Tamil Nadu	Anna University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	22-07-2014	[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](#)	11-06-2023	12	

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	MILITARY ROAD, AMMAPET, SALEM, TAMILNADU -636003	Rural	10.88	44010

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,Artificial Intelligence And Data Science,	48	HSC	English	60	60
UG	BE,Biomedical Engineering,	48	HSC	English	30	30
UG	BE,Civil Engineering,	48	HSC	English	30	30
UG	BE,Computer Science Engineering,	48	HSC	English	120	120
UG	BE,Electrical And Electronics Engineering,	48	HSC	English	60	60
UG	BE,Electronics And Communication Engineering,	48	HSC	English	120	120
UG	BTech,Information Technology,	48	HSC	English	60	60
UG	BE,Mechanical Engineering,	48	HSC	English	60	60
PG	ME,Computer Science Engineering,	24	UG	English	24	14
PG	ME,Structural Engineering,	24	UG	English	18	9
PG	MBA,Master Of Business Administrati	24	UG	English	120	120

	on,					
PG	ME,Vlsi Design,	24	UG	English	18	0
PG	ME,Power Electronics And Drives,	24	UG	English	18	5
PG	ME,Software Engineering,	24	UG	English	9	0
PG	ME,Engineering Design,	24	UG	English	18	4

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	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	19				29				89			
Recruited	19	0	0	19	23	6	0	29	42	47	0	89
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				44
Recruited	23	21	0	44
Yet to Recruit				0

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

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	19	0	0	23	6	0	0	0	0	48
M.Phil.	0	0	0	0	0	0	8	7	0	15
PG	0	0	0	0	0	0	34	40	0	74
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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
UG	0	0	0	0	0	0	0	0	0	0

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Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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
UG	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**	**Others**	**Total**
	0	0	0	0

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	352	0	0	0	352
	Female	211	1	0	0	212
	Others	0	0	0	0	0
PG	Male	67	0	0	0	67
	Female	85	0	0	0	85
	Others	0	0	0	0	0

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

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	151	145	77	78
	Female	99	91	44	53
	Others	0	0	0	0
ST	Male	5	5	10	7
	Female	2	4	2	5
	Others	0	0	0	0
OBC	Male	301	233	137	190
	Female	147	194	110	149
	Others	0	0	0	0
General	Male	6	3	2	1
	Female	5	2	2	4
	Others	0	0	0	0
Others	Male	2	2	0	4
	Female	2	0	0	2
	Others	0	0	0	0
Total		720	679	384	493

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	AVS Engineering College follows Choice-Based Credit System according to NEP 2020 and the curriculum of Anna University to which it is affiliated. This CBCS system is encourages multidisciplinary and interdisciplinary study of varied subjects and broadens the horizon of education by allowing flexibility in education system, which enables the students to pursue learning of their choice according to their interests and aim on future career prospects. The UG and PG Courses offered by the college have open electives in higher semesters in Inter/ Intra-disciplinary and skill based courses. These electives give various opportunities and avenues to learn core and non-core subjects helps in

	the holistic development. Projects, Internships, Research and competitions like Smart Indian Hackathon allow them to explore multi/inter disciplinary subjects.
2. Academic bank of credits (ABC):	To build transformative educational setup in order to bring innovations in education, UGC has introduced Academic Bank of Credits (ABC) which helps both the faculty and the students to manage and check the credits earned by the students. This is based on promoting multidisciplinary/interdisciplinary approach and can be operated during all the years of study period of a student in any college or university throughout India and credits can be transferred through this seamlessly. AVSEC follows ABC, and the credits earned by the students are maintained semester wise in the respective departments. Academic mobility and flexibility are promoted by the college to provide students the opportunity to create personalized learning paths.
3. Skill development:	VSEC aims to create Engineering professionals fully equipped with corporate skills to make them industry ready. Skill Development Wing of the institute focuses on preparing the students to develop competencies to meet the competitive job market with a diverse set of skills. Skill-Based Learning Program of the Institution conducts various technical and non-technical Forums, Associations, Clubs and Cells through which core and non-core competencies and skills are enriched for students of all years. Competitive activities like Hackathon, Presentations, Project Expo etc., and practice sessions for GD, Interview, and Technical Tests have enabled the students to achieve in Placements.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	AVSEC has created Indian Knowledge System Cell to infuse co-curricular and extra-curricular activities on Indian Heritage, Traditions, Culture, Languages, Science, and Architecture, Engineering, Technology, Management, Arts and Literature in the regular activities of the college for every academic semester. The Cell conducts events, seminars and competitions on all the above said aspects of the Indian Culture. The Institution being located in Tamilnadu helps in exposing the students to Tamil culture and traditions too. Moreover, the dissemination of knowledge for critical and analytical subject topics is done bilingually as majority of the students are from Tamil

	Medium of study till Higher Secondary level. This helps the students to comprehend the concepts easily and increase their level of competency at all areas of knowledge.
5. Focus on Outcome based education (OBE):	OBE is a student-centric teaching and learning methodology which is also performance-based as it creates a clear expectation of results that students much achieve in terms of knowledge, skills and attitude. This focuses on empowering students based on their strengths and weakness. AVSEC follow the OBE model in accordance with the curriculum of Anna University. The Faculty are aware of the POs, COs, PSOs and PEOs. Therefore, they frame their delivery plan and teaching aids accordingly. Experiential, Participative Learning and problem, solving techniques are given utmost importance to increase Learning Outcomes and also to enhance the Graduate numbers and Placement.
6. Distance education/online education:	AVSEC embraced online teaching during the pandemic times and has encouraged students to adapt to learning at all times and places. Faculty members are encouraged to use ICT tools like Google Classroom, Google Meet, WebEx, PPTs etc., to aid in online teaching. Classes, assignments, meeting are handled through these platforms. Faculty members and Students are asked to enroll in NPTEL-SWAYAM, as we have a NPTEL Local Chapter.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes. Our Institution has an Electoral Literacy Club which is responsible to create awareness on all State and National electoral activities. This ELC ensures that the students above 18 years know about their fundamental rights to vote, register and get their Voters ID card, familiarize them in the election voting process and to cast their vote in elections.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	The Institution's ELC is functional with the guidance of the College NSS Cell. It is coordinated by the NSS Coordinator and student representatives. They conduct electoral activities like awareness programs, campaigns, competitions etc., to induce students, faculty and the Public to realize their rights and social

	responsibilities.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Our College provides utmost assistance to the Salem District governance with all government activities and social welfare programs. The student community is a vital section of our Indian democracy and they must be taught to be responsible citizens. During the Tamil Nadu Assembly Elections on April 6, 2021, the Institution instigated every student to cast their vote. They were also induced to create awareness through campaigns and face-to-face interactions with all sections of people in his/her locality about the importance of 100% polling and how each and every vote casted can create a strong democratic government. Every student actively participated in this initiative by canvassing every home in their neighborhood, teaching people about the importance of voting etc., and they were guided by faculty members who were involved in this initiative. The public appreciated the management and students for their diligent effort in providing our society with such a worthy service.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	During government elections, ELC of the Institution organizes voters' awareness rally and campaign in and around the College neighborhood promoting democratic awareness among various sectors in our community. ELC launched "My Vote, My Voice", a signature campaign, to raise awareness about the importance of 100% polling and casting vote on April 6, 2021, TamilNadu State Assembly Election. This campaign was done face to face and also through video messages in social media. ELC started this initiative, following the Election Commission of India's initiative, the Systematic Voters' Education and Election Participation Program (SVEEP), to encourage voter literacy in the community. Prizes like silver coin were given to those who posted many videos in social media platforms.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	ELC of our college organizes voter awareness rally and campaigns during elections in the campus and also in the vicinity highlighting the value of every single vote cast in determining a worthy government to rule our nation. Our NSS Coordinator and students have been actively engaged in spreading awareness about the great power of voting, which every individual possesses in a democratic society. The college has taken initiative by arranging voter ID

	camp in the college campus to help the students to register their voter ID. Students who did not possess voter IDs have registered themselves onto electoral rolls by this camp.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
2087	1932	1746	2070	2409

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 277

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
139	135	139	143	146

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
1237.54	1076.11	460.27	1005.41	1116.95

File Description	Document
Upload Supporting Document	[View Document](#)

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

AVS Engineering College, Affiliated to Anna University follows the curriculum prescribed by Anna University. The college Academic calendar is framed in accordance with the academic, Co-Curricular and examination schedule. The institute fosters a Conducive Environment for intellectual development, Critical thinking and personal growth of the Students.

Choice Based Credit System is followed courses of their choice. The Institution ensures that the curriculums meet the demands of the corporate and industry needs.

The curriculum is planned effectively before the start of the semester. The Head of the Department conducts meeting with faculty member to receive the subject preference of the faculty. The faculty member preference are taken into consideration based on the metrics like area of specialization, skill matrix, Practical exposure and previous performance. The time table is framed for every semester inclusive of library, laboratory and communication hour with the assistance of Head of the Department. The faculty member prepare curriculum delivery plan, Notes of Lesson, Question Bank, Lab Manuals for the concern Subject and is uploaded in the college ERP. Class committee meetings are organized to ensure curriculum delivery plan is implemented accordingly. All the departments organize Guest Lecture, Seminars, Workshops, Symposiums, conference, Industrial Visit, Internships and Competitions to inculcate intense knowledge on the core subjects. IQAC conducts regular Academic Audit to Scrutinize the Curriculum planning.

Curriculum is delivered effectively by using ICT tools like Google Class room, YouTube Videos, E-Content, E-Videos etc. The Students and staff members have enrolled in NPTEL to undergo online Courses. Naan Mudhalvan (Multi disciplinary skill development courses – an initiative of Tamil Nadu Government) is conducted to all students as per Anna University Schedule.

Conduct of Continuous Internal Assessment

Internal Assessment Test (IAT) helps to assess and track the academic performance of students periodically. Three IATS are planned in each semester to monitor the performance of the students. The internal marks obtained by the students are analyzed by the Head of the Department and remedial class is given to students those who have failed in the examination.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 81

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Evidence of course completion, like course completion certificate etc. Apart from the above:	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Other Upload Files	
1	[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 69.49

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1334	1272	1353	1495	1665

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

Professional Ethics:

The college has zero tolerance towards unethical practices among students. Students' grievances are immediately addressed through Grievance Redressal Committee. The college works with high objective of creating responsible engineers. The ethics has been inculcated the students from first year onwards. Subjects like professional ethics which are in the curriculum of Anna university support in the overall development of students.

Gender

Gender equality is highly appreciated. Both girls and boys are given equal opportunities to showcase their talents in academic, extra and co-curricular activities. Guest lectures on women rights, gender issues, self defense training to all the girl students, equal opportunities in sports, awareness programs by women empowerment cell extend supportive hands to resolve gender based issues. Eminent women personalities are invited to various programs which indirectly provide confidence to girl students who in turn get inspired. Boys are advised to treat the girl students equally and the college provides platform to the students without any gender bias.

Human Values

Values are insisted in the college, as it believes that attitude and values are the two ways leading to success. Traditional human values are followed. College starts with a prayer song every morning, with 'Ram Dhun'-Raghupathi Raghav Raja Ram-abhajan song. Spiritual value of all religion is accepted and appreciated. For instance, Muslim students are provide with a special room for doing their 'namas' on every Friday afternoon.

Education plays a vital role in the change of life. Hence, staff members realize the importance of

teaching role and act accordingly. Apart from imparting knowledge, values are taught to students and they are made to behave with decorum. They are taught to treat others respectfully. Self esteem and self realization classes highlight traditional values to students and they realize the importance of maintaining mental health.

Values are focused in various ways. Students who attend the college with 100 percentage of attendance are recognized and awarded with Certificate of appreciation. The moral value of sincerity in learning is inculcated. The college celebrates Pongal, the harvest festival every year to make a tribute to farmers which stresses on the traditional human values. Blood donation programs train the students to serve both humanity and universe. To cultivate the charity mind among students, they are asked to help the old people nearby. Donations of educational aids are some of the actions done in the celebration of national youth day. The posts of students in social media motivated the public to serve the society.

Environment & Sustainability

Environmental studies related subjects, in the curriculum promote conservation of environment. Donation of saplings and tree plantation camps are exclusively planned on the founder's day celebration extend green area inside the campus. Students are taken to plant sapling at Namamalai hill and in adopted villages under Unnat Bharat Abhiyan scheme. Rain water harvesting is made in the entire campus. The NSS team cleans in regular interval the nearby Kumaragiri Lake and support in the environmental sustainability.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 58.98

1.3.2.1 **Number of students undertaking project work/field work / internships**

Response: 1231

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: C. Feedback collected and analysed

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 76.27

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
720	679	384	493	655

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
765	765	765	774	774

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 80.55

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2022-23	2021-22	2020-21	2019-20	2018-19
474	469	337	400	457

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

2022-23	2021-22	2020-21	2019-20	2018-19
530	529	528	533	533

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 15.01

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The institution is focused on creating an environment for the holistic development of the students. Faculty members aim to impart knowledge and skills through various student centric teaching methods that induce and enhance students'critical thinking skills. These teaching methods help the students to explore and experience concepts through enquiry, analysis and synthesis.

Experiential Learning:

Experiential learning improves the students' performances as they learn with the experiences they get by doing things.

- Faculty members use activities and learning methods to create active participation and collaborative learning environment. Students gain subject knowledge through hands-on training and enhance their competencies through their classroom experiences.
- Practical learning in laboratory classes gives concrete experiences for the students and helps them to develop reflective, analytical and active experimentation skills.
- Projects, Mini-Projects, Internships, In-Plant Training, Industrial Visits, Field trips, Workshops etc., make the students experience real-life situations and facilitate knowledge acquisition.

Participative Learning:

True learning requires active participation.

- Participative learning activities like Mind-Maps, Role-Plays, Poster Designing and participations in Symposium, Group Discussions, Brain Storming, Quiz, Flipped Classes, Think-Pair-Share activities, One Word Splash etc., are designed by the teachers to achieve the outcomes of a specific topic of study. These activities promote collaborative and co-operative learning and unleash creative and innovative ideas in the students.

- Students are also encouraged to enroll in SWAYAM/NPTELCourses to learn and expand their knowledge beyond the prescribed syllabus.

Problem-Solving Skills

- Students are involved in Projects and Hackathons which challenge them to do structured research and develop analytical, critical, innovative and creative skills.

- Assignments are given to enable the students to search for solutions.
- Paper Presentations in Seminars and Conferences are encouraged to enhance their research skills in identifying challenges, defining the problems and developing appropriate solutions.

ICT Tools:

Digital technology is integrated by the faculty members in their teaching to increase the learning experiences of the students. They use:

- Hardware devices like computers, android phones, projector, software platforms like Google Classroom, Microsoft Team, Zoom, WebEx, apps like Quizizz, Mindomo, Smart Boards, E-resources like DelNet, vlogs, blogs, Youtube videos, images, PPT, PDF documents, TED Talks, etc., in the classrooms and laboratories
- ERP to upload syllabus, notes, attendance and marks.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
139	135	139	143	146

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last

five years (consider only highest degree for count)

Response: 13.82

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
36	15	16	16	14

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

AVSEC conducts internal assessments and external examinations every semester according to the regulation of the affiliating Anna University through its Exam Cell.

- Internal Assessment Tests (IAT) andModel Theory and Practical Examinations

- External Theory and Practical Examinations of the affiliating Anna University

The assessments are done fairly following the transparency norms of the parent university. Grievances are addressed and resolved in an efficient and time-bound manner.

Transparent Mechanism:

- Internal and External assessment processes are informed to students by HoD, Course- in-charge and Class Counselor.
- Students are notified about exam dates through Academic calendar and circulars.
- Seating allotments are displayed in the classrooms.
- IATs and Model exams are evaluated and results are given within three days of the conduct of the tests.
- The students can check the results in the ERP with their login ID.

Internal Assessments:

Exam Cell conducts and monitors IATs and Model exams as per the Academic Calendar. Course-in charges set the question papers according to the study regulation. These are checked by HoD and approved by Principal three days prior to IATs and Model exams.

Grievances Redressal:

Transparent methods of addressing and solving issues related internal examinations have been framed by Principal and Head of all Departments.

- Changes, if any, in exams dates are conveyed to students through circulars.
- Grievances related to question paper and evaluation-marks awarded, totaling, answers not corrected-are brought by the students to the notice of the course-in-charge.
- Grievance forms are given to the students to fill the nature of the grievance.
- The answer scripts are checked for the issue and the course-in-charge do the needful to resolve it in the presence of the students on the same day or in the next working day.
- After resolving the issue, the grievance form is signed by the course-in-charge and the student.
- If the issue is not sorted, the students can bring it to the notice of the HoD and get it resolved. The issue can be taken to Principal's notice if not resolved by the HoD.
- Students can register any other grievance through online grievance forms too.
- The grievances forms are reported to HoD, Academic Committee, Principal and are filed.

External Examinations:

End Semester University Theory and Practical Examinations for the eligible students are conducted and monitored by the Exam Cell.

Grievances Redressal:

- Changes, if any, in exams dates are conveyed to students through circulars.
- Issues like need of duplicate hall ticket, corrections in name or register number are informed to the Exam Cell and immediate action is taken for rectification.
- During the exams, discrepancies found in the questions are conveyed to Anna University through Principal.
- After the announcement of university results, if the students are not satisfied, they can apply for photocopies and revaluation when the script is recommended by the course-in- charge.
- University Mark Sheets correction can be applied through the Exam Cell and also through online applications in Student Portal.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

Outcome – Based Education has gained great importance today when it comes to the shaping of professional students. AVS Engineering College focuses on outcome based teaching and learning methods to develop the understanding levels and practical skills of the students. It follows the guidelines of Anna University to which it is affiliated for mapping and measuring the attainment of COs, POs and PSOs for all the courses under UG and PG programs it offers.

- Stakeholders, namely the students, are given orientation at the beginning of the academic year about the knowledge and skills the students will be able to gain and do at the end of the course and program chosen by them. Course Outcomes and Program Outcomes are stated and explained clearly to them by the faculty members during the orientation program.
- Program Outcomes (POs) and Course Outcomes (COs) for all programmes offered are displayed in the

1. College Website
2. Flex Boards in front of Classrooms
3. Department Notice Board
4. Classroom Notice Board

- For the Courses under each Program, the Course Outcomes are stated explicitly to describe course-specific knowledge, technical skills, creativity etc. that the students will be able to demonstrate. Fundamental, practical and reflective competencies are induced to make the students become responsible for their own learning and development.

- At the commencement of a course, Faculty members inform the students the learning outcomes expected from them. They also instruct them on the internal and external assessments procedures to evaluate the attainment of the outcomes. The information about the assessments enable the students to understand what they can expect from the course and also how to prepare for the assessments.
- During Class Committee meetings the level of attainment of learning outcomes are discussed

with the students.

- Question Papers for Internal Assessments and Model Exams are framed based on Bloom's Taxonomy with the POs and COs to be assessed. The learning outcomes revealed by the assessments are explained to every student and instructions for further development are given by the faculty members.
- The College has framed its vision and mission streamlined towards producing globally competent professionals who are equipped with updated knowledge, critical thinking skills and become ethical engineers. Every department has exclusively structured vision and mission statements based on the purpose and intended learning outcomes of the Program they offer.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

AVS Engineering College is affiliated to Anna University, Chennai and follows the curriculum framework prescribed by the university. The college gives priority to Outcome-Based Education (OBE) system for the teaching and learning process.

The Program Outcomes (POs) and Course Outcomes (COs) are framed by the affiliating Anna University. The Curriculum of the University gives the Syllabus of all the Courses under each the Programs offered for all semesters. The POs and COs to be attained are explicitly stated in the syllabus.

The Departments follow the University's framework of POs and COs for dissemination, mapping, attainment and evaluation of POs and COs of accordingly. Mapping of POs and COs provided by the University enable the faculty members to concentrate on the teaching, learning and evaluation process to attain the outcomes. Also, during every class committee meetings the progress made towards achieving the outcomes are verified.

Evaluation of attainment of POs and COs:

Attainment of Course Outcomes (COs) is evaluated throughout the semester in a continuous process. COs for a specific course are measured and analysed by the marks obtained by the students in the Internal Assessment Tests and the grades from the External Examination of the affiliating Anna University. Process of measuring COs attainment is done through the below given weightage list:

· 2017 Regulation **--** 80% External Assessment through Anna University External Examinations and 20% Internal Assessments by Three internal assessments tests

· 2021 Regulation -- 60% External Assessment through Anna University External Examinations and 40% Internal Assessments by Two internal assessments tests and Two Assignments

The marks obtained by the students are assessed and the percentage of students who have scored above 60 marks is taken as benchmark for calculation. Correlation matrices are generated with this percentage of marks to link COs attained to POs for calculating the attainment levels. These matrices specify the correlation in terms of High (3), Medium (2) and Low (1). The rubrics for the measurement of COs are set as:

· 80% of students above 60 marks- High(3)

· 60% of students above 60 marks- Medium(2)

· 50% of students above 60 marks- Low(1)

Attainment of Program Outcomes (POs) is evaluated with the Course Outcomes (COs) measured and a student survey. The analysis of the above measurements gives the level of success of the program offered. The College obtaining 48th position in Anna University Examination results for its affiliating colleges, getting high number of students placed in reputed companies and becoming entrepreneurs in various fields reflect on the attainment of Program Outcomes.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 90.66

2.6.3.1 **Number of final year students who passed the university examination year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
465	467	517	642	441

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
506	482	528	651	626

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	[View Document](#)
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.98

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness   about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The Innovation Ecosystem in AVS Engineering College (AVSEC) fosters a culture of innovation, research, and entrepreneurship with Institutions Innovation Council in collaboration with Incubation Centre, Schneider Electric Centre, Industry Institute Interaction Cell, Intellectual Property Rights Cell, and Indian Knowledge System Cell. This stimulates a sustainable development environment in the institution. By collaborating with industry partners and academic experts, AVSEC promotes interdisciplinary research and encourages the development of innovative solutions.

The Institution's Innovation Council (IIC) organizes various events and participates in all scheduled events initiated by IIC. **The Schneider Electric Centre**, the first initiative in Salem provides students with hands-on experience in working with basics of Industrial Electricity. Through a structured incubation process that includes mentorship, funding support, and networking opportunities and trainings, the centre facilitates student's innovations fostering a culture of innovation and

entrepreneurship. The Institution actively encourages students and faculty members to engage in patent filing activities through **Intellectual Property Rights (IPR)** Cell. For patent filing process the institute provides necessary resources, workshops, and expert guidance, ensuring faculty and students have a clear understanding of the IPR and steps involved in securing patents. **Entrepreneurship Development Cell (EDC)** ignites student entrepreneurship, providing mentorship and resources, resulting in the successful launch of innovative ventures and Start-Ups and has received funds from EDII. Through workshops, seminars, industry interactions and MoUs, students have the opportunity to engage with experts and industry professionals, fostering a deeper understanding of the latest advancements in the field of engineering and technology.

Research Cell plays a pivotal role in nurturing entrepreneurial talents, start-ups, In-house product designs and mentorship programs to participate in **Smart India Hackathons**. Furthermore, AVSEC is dedicated to promote a collaborative environment for students to participate in a wide range of **government and non-government funded projects** with TNSCST, UBA, ICMR, and IEI and has received funds of Rs. 18.3 Lakhs so far. Through strategic partnerships with governmental agencies, industry leaders, and non-profit organizations, the Institution provides students with opportunities to work on socially impactful projects that address critical challenges in areas such as sustainable development, renewable energy, and environmental conservation.

The Indian Knowledge System (IKS) Cell organizes all festive and traditional celebrations to emphasize on Indian heritage and cultures. Programs that focus on Sustainable Development, Martial Arts, Yoga, and traditional dances, highlighting the blend of modern advancements with India's rich cultural aspects are conducted. AVSEC cultivates social responsibility in students through extension activities such as **National Service Scheme (NSS)** and **Unnat Bharat Abhiyan (UBA)**, engaging them in community services for the adopted villages, earning compliments for awareness programs, relief fund contributions, and value-driven activities. Received appreciations for contribution received towards Kerala Chief Minister's Distress Relief Fund (2018), Best Educational Institution award from Bharat Yuva Kendra, Madurai. (2018), Shield from Dhanalakshmi Nature Care & Yoga Research Centre for its training on Yoga for students (2022), appreciation for organizing more blood donation camps from Government Mohan Kumaramangalam medical college hospital (2023).

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 51

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
15	13	8	9	6

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.15

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
8	11	7	6	10

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3.2

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

Response: 1.04

3.3.2.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
11	95	85	98	0

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

Extension activities encourage students to actively engage with their neighborhood community. By collaborating with community members, organizations, or local authorities, students develop a sense of belonging and become active contributors to community development. This strengthens the bond between the students and their community.

National Service Scheme - NSS

- The college NSS cell consists of one unit with 50 volunteers actively taking part in various extension and outreach programmes in the neighbourhood community
- Rs.50000/- fund received Under Unnat Bharat Abhiyan (UBA) and adopted 5 villages out of which 3 villages are selected for community service.
- Regular heath camps like Free Medical camps blood donation, eye check up, in collaboration with reputed hospitals (Aravind Eye Hospital, Vasan Eye Care, SKS hospitals, etc.,) are organized.
- NSS & Panchayat Union, D.Perumapalayam Village under Unnat Bharat Abhiyan Scheme cleaned lake, planted saplings and organized awareness rally on vaccination, Voters awareness rally and temple cleaning activities.
- NSS Cell arranged free medical check-up, Bhoghi Rally, Solid waste management, sapling

plantation, distribution of saplings at Veeranam Village under Unnat Bharat Abhiyan Scheme.

- NSS volunteers planted saplings as a part of Sankalp Parva at Erumapalayam Village.
- NSS cell organized programme and events like distribution of cloth bags, face mask and voters awareness rally.
- Under Swachh Bharat Abhiyan, NSS cell organized cleanliness drive, temple cleaning, and school cleaning at D.Perumapalayam, Kuppanur and Erumapalayam Villages.
- Under Jal Sakthi Abhiyan awareness campaign on Save Water been conducted at different places in the district by affixing stickers in the Salem and Dharmapuri District.

Siruthuli

- Siruthuli Club, a student organization aims in contributing to the needy people under poverty line in the society by donating Rs.5 per Student every month. The fund received from the students is utilized to provide basic amenities of the people like food, clothes, medicines, groceries to orphanages and old age homes. The club also raised a fund of Rs.50 lakhs which was contributed to Kerala Relief Fund.

- The students in the siruthuli club in association with NSS are involved in the social welfare programmes by planting saplings in the neighbourhood community under Sankalp Parva scheme to underlay the slogan – One Student One Tree, conducted awareness programs and literacy campaign in their villages to train illiterate to read and write their names and to learn the basics.

- The students provided educational aids to school students.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Awards and recognitions from government or government-recognized bodies validate the impact and effectiveness of the extension activities put forth by the students and the organization involved. Such recognition can boost morale, inspire further involvement and encourage the service to the society

1. Certificate of Appreciation for contribution received towards Kerala Chief Minister's Distress Relief Fund.

2. Award received from Salem District Police department for Participation in Awareness rally on counterfeit alcoholic beverages (2019).

3. Best Educational Institution award from Bharat Yuva Kendra, Madurai. (2018).

4. Certificate of Appreciation received from Mohan Kumaramangalam Goverrnment Medical college hospital, Salem for conducting Blood Donation Camp by (2022).

5. Certificate of Appreciation from Veeranam Panchayat union leader for conducting programs for public under Sankalp parva , Jal sakthi abhiyan and social awareness programs in the village.

6. Award received from District Commissioner of police for providing CCTV camera for the safety of public (2023)

7. Certificate of Appreciation for Awareness on Organ Donation by SKS hospital (2018).

8. Certificate of Appreciation from Boxing Association of Salem for conducting the event Preventive Measures against Sexual Harassment for Women – (2019).

9. Certificate of appreciation for Siruthuli from Anbalayam S.Kollapatty, Salem (2019)

10. Award received from Salem Blood Bank, Salem for conducting Blood Donation Camp (2019).

11. Certificate of Appreciation for Conducting Free Eye Camp program for Public - Vasan Eye Care Hospital, Salem

12. Certificate of Appreciation from Salem Blood Bank for Conducting Blood Donation Camp (2019)

13. Appreciation by BJS Salem for the programme "Empowering Today Enriching Tomorrow" (2019).

14. Awards received from Anbu Illam Chinnanur run by Social Awareness and cultural society (2020).

15. Certificate of Appreciation for Cancer Awareness program to public by SKS hospital (2020).

 16. Certificate of Appreciation for Organizing Free medical camp for public by Thiru Hospital, Salem .(2021)

17. Awarded Shield from Dhanalakshmi Nature Care & Yoga Research Centre for its training on Yoga for students (2022).

 18. Certificate of Appreciation from D.Perumapalayam Panchayat union leader for conducting programs for   public under Sankalp parva , Jal sakthi abhiyan and social awareness programs in the village.

19. Certificate of Appreciation for Conducting Free Eye Camp for Public form Aravind Eye care Hospital Salem

20. Certificate of Appreciation from Boxing Association of Salem for conducting Effective Measures against Sexual Harassment for Women (2022)

21. Certificate of Appreciation for Organizing Free medical camp for public by Thiru Hospital, Salem.(2022)

22. Award received from Mohan Kumaramangalam Government Medical college hospital, Salem for conducting Blood Donation Camp by (2022).

23 Award received from Salem Blood Bank, Salem for conducting Blood Donation Camp (2022).

24. Certificate of Appreciation from Niraivazhvu old age home for distribution of groceries (2022)

25. Certificate of Appreciation for Organizing "Importance of First Aid" for public by Saravana Hospital, Salem.(2022)

26. Certificate of Appreciation from Bodhimaram   old age home for Distribution of groceries (2022)

27. Award received from Brahma Kumaris Yoga and Meditation centre for training Yoga for students and public (2022).

28. Awards received from Anbu Illam Chinnanur run by Social Awareness and cultural society for the contribution given to the orphanage (2022).

29. Social welfare awareness program – Anti - drug awareness program

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 35

3.4.3.1 **Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
16	7	3	5	4

Self Study Report of AVS ENGINEERING COLLEGE

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 14

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

AVS Engineering College (AVSEC) offers a comprehensive environment in addition to high-quality instruction. The institute satisfies all requirements set forth by the statutory bodies with regard to the land required for instruction, administration, and amenities.

Situated in an urban setting with 10.88 acres, AVSEC offers a favorable learning environment in 44010 sq.m. Safety and security are of the utmost importance, and the entire campus is monitored by closed-circuit television. Updating physical infrastructure to keep up with technological advancements is still a continuous task. A.P.J. Abdul Kalam Block, H.J.BhaBha Block, Srinivasa Ramanujan Block, Ratan Tata Block, J.C.Bose Block, Kailash Boys Hostel Block, Sivagamiyammal girls hostel, Mahatma Gandhi Block, Albert Einstein Block and Sports Complex Block are the Ten Blocks that make up the Institute.

ICT Facilities:

- Wi-Fi and ICT capabilities are available in 49 Classrooms, Tutorial rooms, Seminar halls and Conference halls.
- E-learning centers and central computing facilities with 100 Mbps internet bandwidth are provided.
- Smart Classroom is available for virtual classes and video conferences.

Laboratories:

- The college includes 32 well-equipped labs for different domain to conduct experimentation and scientific and technological research. Every laboratory is provided with a fire extinguisher for safety precaution.

Gym:

- A Separate gym facilities are provided to both boys and girls, facilitated with equipments like twister and magnetic cycle, dumbbell and a five station fitness.

Yoga:

- A Separate Hall to do yoga and practice meditation is available.

Sports:

- The institution has sports facilities for both outdoor and indoor games, including basketball, volleyball, ballbadminton, handball, and kho-kho. Indoor games available include table tennis, chess, and carrom.

Support Facilities:

- Open Auditorium that can accommodate 3000 students.
- Enclosed Auditorium that can accommodate a capacity of 450 of students.
- Individual counseling centre and Health clinic are available.
- NSS office is available.
- AVSEC Cafeteria furnished with 200 seating capacity serves hygienic meals.
- Staff members are facilitated with faculty lounge and students with common room.
- Day care centre is made available for the kids of the staff members.
- AC and non AC rooms are available in the hostel.
- Rain water harvest is available inside the college premises.
- A 250 KVA power generator is available for continuous power supply.
- A verdant campus is filled with ornamental plants and trees.
- Free transport facility is provided for staff members.
- Separate parking facility is provided for both staff members and students.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 0

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The central Library of AVSEC campus with a total space of 990 sq.m. can hold 120 students. The digital library has 25 PCs with round-the-clock wireless access. There are 38701 volumes, 10 magazines, and 90 journals in the library. Book banks and study materials for competitive exams are offered to assist students to crack competitive exams. The library is installed with security cameras and fire extinguisher to avoid damage to the books and materials inside the library.

IPALPAP SOFTWARE:

IPALPAP software is installed to Automate routine and repetitive tasks such as cataloguing data entry and data creation. This saves time and resources by reducing chances of error. The library function from 9.00 am to 6.00 pm online public access catalogue (OPAC) is facilitated to optimize related searches for each domain. Barcode technology is introduced for transaction services.

REMOTE ACCESS TO E-RESOURCES OF THE LIBRARY:

There are several institutional membership options for e-journals and e-resources in the college library. The institute has direct access to online paid journals (911 DELNET e-journals), NDLI and is a member of the NPTEL active local chapter. It also has a digital library with a 100 mbps leased line connected to a computer in the library. The library has access to publications written by faculty members and students. The Indian government's SWAYAM program, NPTEL Video Courses, ShodhSindhu, Remotlog and other e-learning facilities are offered in the library. The Library Management System also offers possibilities for annual and monthly reports. On average, the module logs 400 or more users every day. The following link https://https://avsenggcollege.ac.in/Library.php is used to access the library.

BEST PRACTICE:

- A weekly library hour is scheduled in the regular class schedule to in still the reading habit among the students.
- The Best Library User of the Month is announced by the librarians to encourage staff and students to visit library regularly.
- The librarian offers a User Orientation Program to all first-year students as well as newly hired staff members.
- The library provides a calm setting for making the best use of its resources.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

Information and communication technology, or ICT, is essential to facilitate and improving educational quality. The College has worked hard to improve the infrastructure associated to IT. Both teachers and students get the chance to work in a digital setting. The College is equipped with a variety of IT resources that are updated on a regular basis because it recognizes the critical role that technology plays in the development of knowledge and skills. E-learning and video conferencing are used in smart classrooms, language labs, seminar rooms, conference halls, and ICT also supports training initiatives. The administration upgrades the institution's infrastructure in accordance with need. By following security and privacy standards, information is transferred both within and between departments.

- Standardized access processes and methodical settings safeguard IT resources from both external and internal threats and attacks.
- The College posses 7 computer labs and a language lab that are furnished with the necessary amount of computers, printers, scanners, etc.,
- There are 527 PCs available for the students in the several labs and library.
- Every department is facilitated with a computer and printer with Wi-Fi facility.
- Projects and Mini projects are carried out using the laboratory facility by both faculty members and students.
- A 100 mbps internet through leased line connects the campus.
- The automated library has a separate LAN and barcode scanner to admit students inside the library transactions.

- To minimize danger, regular backups are carried out.
- Administrative information security adheres to user level authentication access.
- For network security, there are standard firewall and antivirus programs available.

Networking and Internet:

Every system on campus is connected to a network. Intercom system are part of the BSNL Telecommunications Network setup on campus. With 115 cameras positioned in entry/exit gates, block entrances, corridors, gyms, labs, and libraries, the institution is monitored by closed-circuit television.

Wi-Fi facility:

There is Wi-Fi available over the whole campus.

Access to online teaching and learning resources are provided in the following manner:

AVSEC provides online learning environment to both faculty members and students, using the Wi-Fi facility they can access the course materials. E – books and E – journals available in the digital library.

Maintenance of computers and its accessories:

The vendors maintain the computers and their accessories during the warranty period. The crew and system administrator do scheduled maintenance. The external are assigned to system service based on the type of issue. Old computers are inspected carefully, with working parts stored for future assembly and worn-out parts disposed of as e-waste or scrap. Certain old computers are donated to the local schools and community based on their condition. The trashed systems are sent for scrap.

IT Upgradation:

Systems are periodically updated based on the recent up gradation. The Internet resources and services are periodically updated to meet the needs of campus research and academia. Annual arrangements are included for consecutive system upgrades. Numerous venues have Wi-Fi access points installed, and they were regularly updated.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 3.96

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 527

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	**View Document**
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 2.68

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

2022-23	2021-22	2020-21	2019-20	2018-19
36.71	15.14	54.23	13.75	11.22

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 83.35

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1670	1641	1543	1793	1891

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

1. *Soft skills*
2. *Language and communication skills*
3. *Life skills (Yoga, physical fitness, health and hygiene)*
4. *ICT/computing skills*

Response: C. 2 of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	[View Document](#)
Report with photographs on ICT/computing skills enhancement programs	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 84.84

5.1.3.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1884	1715	1410	1791	1891

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: B. 3 of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 83.49

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
407	404	433	486	384

5.2.1.2 **Number of outgoing students year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
465	467	517	642	441

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	**View Document**
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	**View Document**
Institutional data in the prescribed format	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 13.4

5.2.2.1 **Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

2022-23	2021-22	2020-21	2019-20	2018-19
4	7	9	18	18

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	**View Document**
Institutional data in the prescribed format	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

5.3 Student Participation and Activities

5.3.1

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

Response: 32

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*

2022-23	2021-22	2020-21	2019-20	2018-19
8	6	4	8	6

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 7.8

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
9	7	6	9	8

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.4 Alumni Engagement

5.4.1

There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

AVS Engineering College Alumni Association was registered under the Tamil Nadu Societies Registration Act, 1975(Tamil Nadu Act 27 of 1975) in the year 2022 vide Sl.No.SRG/Salem /21/2022 with the Office of the Registrar of Societies, Salem, Tamil Nadu. AVSEC Alumni Association is a platform through which the alumni get in touch with their alma mater and with their classmates. The primary objective is to reconnect, reminisce, and revisit the rich memories through connecting with classmates, strengthening their bond, and valuing the rich experiences gained over the years. The driving force behind AVSEC Alumni Association is to encourage vibrant student-alumni interactions that would benefit our students in terms of learning, as well as the alumni in terms of sharing their rich expertise.

Objectives

- To offer a channel of communication for the Institute's Alumni to stay in touch with one another as well as their Faculty members and students of the institute
- To enable the Alumni to take part in the Institute's activities that will contribute to its improvement
- To encourage the sharing of knowledge and expertise with the Junior students
- To conduct seminars, workshops and guest lectures on their field of expertise
- To promote social and cultural activities
- To provide financial aid to worthy and needy students by way of providing scholarships
- To assist the Alumni by offering guidance on a range of technical issues that they may encounter at work.

The General Body can choose to take actions to advance these objectives. The various contributions by the Alumni are listed as under:

- AVSEC encourages Alumni to provide Guest Lectures on technical topics and Career Guidance to update the current students with the latest technological trends.
- Alumni are invited to share their success stories to motivate and groom their juniors holistically.
- AVSEC Alumni Association promotes Alumni in instituting awards which are given to them during the Annual Day and Annual Cultural fest.
- Scholarships and other financial aid are provided to worthy and in need students to enable them to

focus on their studies.

- AVSEC Alumni Association has taken many initiatives every year like providing internships, encouraging alumni to visit the college for campus placements, provide project assistance, encouraging employee referrals to our students and facilitating industrial visits for students. By following these principles, students can become more employable and effective engineers.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

AVS Engineering College is committed to provide students with a quality education to succeed in engineering and meet the demands of the community and Industry. The institution offers the necessary coursework and broadens students' understanding by fostering a comprehensive learning atmosphere.

Vision:

"To provide a transformative engineering education that nurtures innovation , excellence, and ethical leadership, preparing students to tackle global challenges and make a positive impact in society."

Mission:

1. To be a leading engineering college committed to fostering excellence in education , research and innovation , producing globally competent engineers who contribute to societal development.
2. To be a globally recognized centre of excellence in engineering education, fostering innovation , creativity and ethical leadership.
3. Empowering Engineers to shape the World of Tomorrow.

The governance system at AVS is inclusive and participative with equal representation of all key stakeholders- Om Sri Vivekananda Educational Trust, industry, academia, government nodal agencies, faculty members, students and alumni. The Governing Council plays a crucial role in guiding the institution towards academic achievement and taking the institution to the next level. The Management, Principal, and Faculty members work together to establish and implement outstanding policies and strategies in tune with the college's Vision and Mission.

In accordance with the college's Vision and Mission, Trustees, Principal, IQAC Co-ordinator, Administrative Officer, Heads of the Department, Faculty Members, Co-ordinators of Various Committees with Staff representatives, and Students' representatives at all levels collaborate to propose, design, formulate, and implement plans and policies that are submitted to the Governing Council for approval.

Decentralization and Participative Management

The institute is decentralized to assign tasks and responsibilities from the top down in order to make

timely decisions. The faculty members are encouraged to share their ideas for the improvement of the institution by serving in various committees, including the IQAC, Academic Committee, Placement Cell, Grievance Redressal, Anti-Ragging, Training and placement committee , Women Empowerment cell , Alumni Committee etc., Based on the institution's Vision and Mission, faculty members are involved in the creation, planning, implementation, and formulating of policies. Faculty members play a pivotal role for the efficient operation of the college, contributing to its growth and development through strategic planning, academic processes, research endeavours, career advancement and capacity building, student advancement, collaborations, infrastructure, and financial management. Representation of students are clearly visible in various committees and clubs. The College adopts an inclusive approach in which academic pursuits and decision-making involve both faculty members and students.

The college has offered **"NAAN MUDHALVAN"** to II, III, and IV Engineering students to impart skill-based education and training as a part of **NEP Implementation** and also collaborated with industries to enhance practical exposure and relevance of engineering education.

The institution has implemented NEP in the following areas:

- CBCS pattern to provide students with flexibility in choosing elective courses based on their interests.
- Training to faculty members in modern teaching methodologies and strategies to enhance the quality of classroom atmosphere.
- Well-equipped library with digital resources and access to online journals.
- Counselling sessions and mentoring systems to enhance students' academic and personal development.
- Introduced Academic Bank of Credit in alignment with National Education Policy.
- Fostered tie - ups with industries for Internships, Projects, and Guest Lectures Programmes.
- Eco-friendly practices and initiatives for a sustainable campus.
- Awareness program to encourage students to learn Japanese language.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

AVS Engineering College has a well-defined organizational structure. The Perspective plan of the institution is in alignment with its Vision and Mission. This is ensured through organizational framework, strategic planning, dynamic leadership and decentralized administration. In accordance with the rules of the institution, the following organizational structure and decision making process are in place for enhancing the overall effectiveness. The functioning of the institutional bodies is effective and efficient which reflects through Governing Council, Administrative Setup, functions of various Academic and Administrative Bodies, Service Rules and Grievance Redressal Mechanism.

Administrative Setup

The Chairman, Correspondent and Principal form the nucleus of the Administrative Setup and the Chairman is the final authority.

The Correspondent is responsible for the overall growth of the college at all levels, including the recruitment of teaching and non-teaching staff.

The Principal is responsible for the functioning of the college and its development including Administration, Academics, Co-curricular, Extra-curricular and Extension programmes.

The Principal functions with a team of IQAC Co-ordinator, Director - Planning & Development, Vice-Principals and Administrative Officer. The members of the Management along with the Academic Expert, Industrial Expert, Parent member, Student member, Alumni member and Staff of the college takes up the responsibility for effective functioning of the college.

The Principal and Vice Principals of the college take the responsibility of planning, formulating, monitoring and evaluating the policies and all activities that is related to various Committees, Clubs and Associations. The strategic plan is carefully designed by them in tune with the Vision and Mission of the college and it is discussed with the Heads of the Departments and various Committees and is taken for the approval to the Governing Council. The Governing Council being responsible for apex level decision making, discusses and approves the process. After receiving its approval, the plans are disseminated and executed to attain the desired goal.

Human Resource Policy Manual

Service, procedures, recruitment and promotion are guided by Human Resource Manual approved by the Governing Council. Following the Human Resource Manual, the Principal, Vice Principals, IQAC Co-ordinator and Administrative Officer ensures that the benefits specified in the manual are appropriately provided to all the teaching and non-teaching staff members.

The organization has a long- and short-term development strategy in place. Infrastructure, laboratory improvements, transportation and hostel facilities upgrades, support facilities, Memoranda of Understanding, training and placement activities, research and development, Center of Excellence establishment, academic performance reviews, new course introductions, accreditation procedures, etc. are all included in the short-term plan. Long-term goals of the strategy are to improve the university's NIRF rating, getting research funds, encouraging industry consulting, and making the institution an elite institution. The perspective plan is discussed in Governing Council meetings to monitor the Institution's performance and progress.

File Description	Document
Upload Additional information	[View Document](#)
Institutional perspective Plan and deployment documents on the website	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2.2

Institution implements e-governance in its operations

    1. **Administration**
    2. **Finance and Accounts**
    3. **Student Admission and Support**
    4. **Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The institution takes pride in its robust Performance Appraisal System, effective Welfare Measures, and well-defined avenues for Career Development and Progression.

Performance Appraisal System

The cornerstone of AVS Engineering College's commitment to staff development is its comprehensive Performance Appraisal System. This systematic approach ensures that the performance of both teaching and non-teaching staff is regularly assessed, providing a structured framework for feedback, improvement, and recognition. The appraisal system considers a range of factors, including teaching effectiveness, research contributions, administrative responsibilities, and professional development.

Effective Welfare measures

1. Medical leave, Maternity leave & Marriage leave

- To facilitate a healthy work-life balance, the following Medical leave and Maternity leave provisions have been established:
- **Duration**: Employees are entitled to 15 days of fully paid medical leave per year.

Marriage Leave:

- Celebrating personal milestones is essential, and to facilitate employees' participation in their significant life events, we have introduced marriage leave:
- **Duration:** Employees are granted 15 days of paid marriage leave.

2. Sponsorship for attending seminars, workshops and presenting papers in National/

  International conferences

  Eligibility:

- All full-time employees are eligible to apply for sponsorship.

  Financial Support:

- The company will provide financial support including registration fees, travel, accommodation, and meals.

3. Interest Free Loan for both teaching and Non – teaching.

- All full-time teaching and non-teaching staff are eligible to apply.
- The loan is completely interest-free, providing financial assistance without any additional financial burden on the employee.

4. Free Medical Check-up for Faculty

- All full-time faculty members are eligible to participate in the Free Medical Check-up Program.

5. **On duty for faculties pursuing Ph.D.**

- All faculty members actively pursuing Ph.D. studies are eligible to avail themselves of the On-Duty Support Program.

6. Granting on-duty to act as resource persons in other Institutions and for other academic activities.

All faculty members are eligible to apply for On-Duty Support for academic activities outside the institution .

7. Free Accommodation & subsidized mess Fee for all Faculty in the Hostel

- Faculty members opting to stay in the hostel will be provided with accommodation free of charge.
- Faculty members availing themselves of hostel accommodation will benefit from a subsidized mess fee for daily meals.

8. Free transport for all staff members

- All full-time staff members, including teaching and non-teaching staff, are eligible to avail themselves of the Free Transport Program.

9. Employment Provident Fund and ESIC for Teaching Faculty and Non-Teaching Faculty

- All eligible faculty members, including both teaching and non-teaching staff, will be enrolled in the Employment Provident Fund (EPF) program and Employees' State Insurance (ESIC) program.

10. Wi-Fi campus for all Staff Members and Students.

- The entire campus will be equipped with robust Wi-Fi coverage, ensuring high-speed and reliable internet access in academic buildings, common areas, and outdoor spaces.

11. Fee concession for staff members ward at our group institution.

- The fee concession program is applicable to academic institutions within our group, including schools, colleges, and other educational entities.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.3.2

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

Response: 59.83

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**

2022-23	2021-22	2020-21	2019-20	2018-19
82	89	91	79	79

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	[View Document](#)

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 61.06

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
108	117	111	114	113

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
44	44	44	44	44

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

The institution monitors the effective and efficient use of available mobilisation of funds and financial resources for the college that supports the teaching learning process.

Mobilisation of Funds

The college is a self-financing institution and tuition fee is the main source of income, apart from tuition fee the college receives research grants from various Government and Non-Government agencies, consultancy projects and sponsor, funds from philanthropists to conduct events like seminars and workshops and contributions from Alumni.

Optimal Utilization of Resources and Funds

The funds are utilized for all recurring and non–recurring expenditure. All the administrative and academic heads along with coordinators of different cells and committees submit the budget

requirements for the academic year. Principal prepares an annual budget estimate duly considering the proposals received based on the recommendations of the HoDs and various committees.

All the major financial decisions are taken by the institute's Governing Council and the Institute adheres to utilization of budget approved for academic expenses and administrative expenses by the management. After final approval of budget, the purchasing process is initiated by a transparent mechanism through Principal. In-house auditors conducts financial audit once in every semester to verify the compliance. External auditor appointed by the trust, ensures that all payments are duly authorized and adhered to financial discipline to avoid defalcation of funds or property of the institution at all levels. The audit statement duly signed by both internal and the external auditors is sent to the Management.

Utilization of funds are listed below:

- Funds are provided to meet day - today operational and administrative expenses and maintenance of the fixed assets.
- Funds are utilized for purchase of laboratories equipment
- Development and maintenance of good infrastructure.
- Financial support is sanctioned to faculty members to attend FDPs, seminars, conferences, workshops, to present and publish articles in journals, chapters and books.
- Social service activities through NSS and NCC

Effective utilization of infrastructure is ensured through the appointment of adequate and qualified lab technicians & system administrators. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct remedial classes, co-curricular activities, extra-curricular activities, parent- teacher meetings etc., The College infrastructure is also utilized as a centre for various Government Examinations and University Examinations. Library functions beyond the college hours for both students and faculty members. The resource mobilization and optimal utilization of resources of the college are used effectively to set a benchmark in tune with quality teaching and unique growth of the students.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

At AVS Engineering College, the commitment to academic excellence and continuous improvement is epitomized by the proactive efforts of the Internal Quality Assurance Cell (IQAC). The IQAC has emerged as a pivotal force, significantly contributing to the institutionalization of robust quality assurance strategies and processes.

AVS Engineering College's IQAC (Internal Quality Assurance Cell) spearheads accreditation and certification initiatives to ensure academic excellence. The cell focuses on obtaining accreditation from renowned accrediting agencies, fostering a culture of continuous improvement. It actively engages in the preparation and documentation required for accreditation processes, ensuring compliance with quality standards. Additionally, IQAC facilitates the attainment of various certifications that endorse the institution's commitment to quality education, research, and administrative practices. These initiatives aim to enhance the overall quality of education, promote accountability, and position AVS Engineering College as a benchmark institution in the academic landscape.

IQAC Initiatives

- Academic and Administrative Audit
- Industry Collaborations
- Institutional Accreditation and rankings
- Outcome based education

Academic and Administrative Audit

The Internal Quality Assurance Cell (IQAC) plays a pivotal role in Academic and Administrative audits by ensuring adherence to quality standards . The institution conducts Academic and Administrative Audit both Internal and External .Internal audit will be conducted twice in a year and External audit once in a year. Audit plays an important role in fostering a culture of academic excellence and paves way for continuous improvement.

Industry Collaborations

The Internal Quality Assurance Cell (IQAC) significantly contributes to fostering industry collaborations. It facilitates the establishment of quality benchmarks, aligns academic programs with industry needs, and ensures that collaborative initiatives meet the highest standards. IQAC plays a vital role in enhancing the relevance and effectiveness of industry-academic partnerships.

Institutional Accreditation and Rankings

The Internal Quality Assurance Cell (IQAC) plays a crucial role in enhancing the overall quality and performance of an educational institution, contributing significantly to institutional accreditation and rankings. Here's how IQAC aids in these processes:

- Quality Assurance and enhancement
- Alignment with Accreditation standards
- Continuous improvement
- Benchmarking
- Adherences to Best Practices
- Strategic planning

- Ranking parameters

Outcome Based Education

The Internal Quality Assurance Cell (IQAC) plays a crucial role in ensuring the effective implementation of Outcome-Based Education (OBE).Outcome-Based Education (OBE) plays a significant role in facilitating faculty development programs within educational institutions. Through OBE our institution necessitates faculty training and development to understand the principles and practices associated with outcome-based approaches. Institutions often provide workshops, seminars, and training sessions to equip faculty with the skills needed for successful OBE implementation.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

GENDER EQUITY

Gender equity refers to ensuring fairness and impartiality for people of all genders in various aspects like access to education, opportunities, resources, support services and treatment aiming for equal representation and treatment without discrimination based on gender. The Institution constantly works to establish a campus culture that upholds gender equity in both academic and cocurricular activities in order to ensure that everyone has equal access to chances for economic growth, respect and knowledge.

1. GENDER AUDIT

A Gender Audit involves a systematic review of policies, practices, structures and resources to evaluate how they impact people of different genders. It aims to identify areas where gender biases or inequalities may exist and recommends actions to promote gender equality.

An external Gender Audit team reviews and analyzes AVS Engineering College's operational environment and context. The audit encompasses the areas such as admissions, facilities, campus safety, support services and overall campus culture to ensure fairness and inclusivity for all genders.

2. GENDER EQUITY IN CURRICULUM

- In the prescribed Anna University curriculum, 9 courses with gender based subjects and topics are included.
- On campus, prejudice and marginalization are not tolerated.

3. GENDER EQUITY IN CO-CURRICULAR ACTIVITIES

- **Women Empowerment Cell (WEC):** Promoting gender equity and empowering women are essential for the advancement of our nation. In line with this vision, AVS Engineering College established the Women Empowerment Cell (WEC) in 2015. Comprising both faculty and students, WEC of AVSEC has been actively organizing a wide range of academic, technical, medical, cultural and social events like Awareness Programs on Women & Leadership, Prevention of Suicide, Empowering Women through Education, role of social media, self

defense, sexual harassment, cancer awareness, motivational talks and contests for boosting the self-confidence and thereby providing a platform for them to showcase their talents. Every year, the college celebrates the International Women's Day with a lot of vigor and activities.

- **Units to tackle Gender Equity:**

1. Women Empowerment Cell
2. Entrepreneurship Development Cell
3. Grievance Redressal Committee
4. Anti-Ragging Committee
5. Anti-Sexual Harassment Committee
6. Internal Complaints Cell

4. FACILITIES FOR WOMEN ON CAMPUS

- Health Care Clinic
- Napkin Vending Machine
- Sanitary Napkin Incinerator
- Common Room for Girls
- Separate Gym for Girls
- Faculty Lounge for Lady Staff
- Day Care Centre
- Surveillance cameras are installed across the campus to ensure safety. The videos are periodically reviewed to make sure that safety procedures and university policies are being followed. To ensure security, students are issued identity cards. In addition, Gate pass system is followed to facilitate secure access in the college premises.
- Adequate lighting arrangements are done which ensure a well-lit campus during the night
- 24/7 Security Guards
- Hostel and Canteen
- Ramp Access
- Wheel Chair
- Disabled friendly washrooms
- Bus Facilities

In case of emergencies, the college promptly arranges for students to be transported to medical facilities for further treatment.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

In fostering an inclusive environment, AVS Engineering College has implemented various initiatives. The College promotes a discrimination-free environment where students from diverse backgrounds, cultures, religions pursue education harmoniously. We offer linguistic support services, celebrate festivals and promote communal harmony through activities emphasizing mutual respect. Additionally, there is a socio-economic support system to ensure access and equity for all students. Such efforts collectively contribute to a more tolerant and harmonious campus atmosphere.

- The college promotes inclusivity through the celebration of a diverse range of festivals including **Pongal, Krishna Jayanthi, Christmas, Diwali, Vinayagar Chathurthi, Onam, Ramzan** and others, creating a welcoming atmosphere to all sections of students.
- Inter department events are conducted for students on the birthday of the Late Chief Minister Thiru.K.Kamaraj on July 15th, Which is observed as **Educational Development Day.**
- **National Science Day** and **Engineers' Day** are celebrated to showcase the technical talents of students through project expo.
- **International Yoga Day** is celebrated to encourage the widespread adoption of yoga, fostering global awareness of its physical and mental health benefits.
- **Republic Day and Independence Day** are celebrated with yearly themes that emphasize unity, cultural diversity, and progress while highlighting values, accomplishments and aspirations.

AVS Engineering College conducts workshops, seminars and trainings to sensitize students and

employees about constitutional obligations. These initiatives include discussions on values, rights, duties and responsibilities of citizens as outlined in the constitution. Topics are also integrated into the curriculum, encouraging active participation in civic engagement and organizing events that promote understanding and awareness of constitutional principles. Such efforts help to instil a sense of civic duty and responsibility in the college community.

- The students are induced to participate in social commitment initiatives such as **No Smoking Day and Road Safety awareness Programmes.**
- Seminars and Awareness Programmes on Human Rights and Responsibilities were conducted to enforce **Human Rights, Constitutional Responsibilities and Duties** as citizens.
- **Brahma Kumaris' Yoga and Meditation programs** are conducted for developing Peace, stress reduction, improved mental well-being and holistic health benefits.
- **ISKCON** in association with **Universal Human Values (UHV)** cell of AVSEC conducted program on relating science and religion. Such Programmes also teach the students about **Love, Truth, Divinity, Honesty, Non-Violence** etc.
- Celebration of **National Unity Day** was a reminder to carry forward the **Virtue of Oneness.**
- **Voters' awareness programs** are organized to empower the individuals to exercise their democratic rights and promote a more active participation in democracy.
- To pay the tribute to our Valorous Heroes who we lost in Pulwama Attack was conducted as it develops passion towards our Nation.
- **Blood Donation Camps and Health awareness** Programs are also organized by the college to make students involve in public well being.
- **Annual Day Celebration** will be organized every year for creating an **harmonious** atmosphere.

Celebrations of Other Notable Days

- Yoga day
- Republic Day
- National Youth Day
- International Women's Day
- Friendship Day
- Gandhi Jayanthi
- Teacher's Day
- World Blood Day

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format

provided in the Manual

Response:

BEST PRACTICE 1

Title of the Practice

 Mentor-Mentee System (MMS)

Objectives of the Practice

Holistic and Multidisciplinary education through mentoring can profoundly impact students' learning and personal development. The focus of MMS is

- To facilitate Academic and Personal Development
- To assist students in exploring career paths
- To introduce students to professional networks, opportunities and connections within the Engineering field.
- To nurture students and foster their holistic development to become globally competent professionals.

The Context

AVS Engineering College recognizes the challenges faced by students from rural areas in understanding the scope of Engineering and navigating the complexities of the employment process. This makes crucial for the college to provide substantial support and a personalized touch to ease their transition into the new academic environment and the future corporate arena. Since many students are First-Generation graduates and come from regional linguistic background, adapting to the English medium of instruction can pose a considerable obstacle.

The Practice

Taking into account the aforementioned context, the college has implemented a Mentoring system which establishes strong bond between Faculties and Students, allows for a customized approach to handle any concerns or difficulties that a particular student may encounter. Students are given an overview of the mentorship program, which maintains a Mentor-Mentee ratio of 1:20, as well as information about the college's operating system, facilities and policies.

Mentor-Mentee meeting (One to One) is scheduled thrice in a semester, during which the personal backgrounds, academic progress, and any challenges faced by the students are discussed. A Separate Mentoring Handbook is issued to each mentor to maintain the entire database of their respective mentees. The meetings serves as a platform for analyzing students' performances, enabling mentors to provide personalized guidance and counseling. Mentoring also ensures the identification of slow and advanced learners to provide tailored support. In addition, mentorship focuses on encouraging students to develop technical expertise and soft skills to get jobs in reputed firms by taking online courses such as NPTEL and MOOC etc.

Personal issues in discipline, behavior, health or family are addressed during the conversation with the mentee and suggestions on how to resolve them are offered to the students and even parents if needed. This is a holistic support system which significantly contributes to fostering a positive and nurturing learning environment for all students.

Evidence of Success

- It has been noted that students with low cut-off scores in school level are able to achieve high scores in University exams and thereby have received their graduation on time.
- Students are able to develop self-esteem by receiving confidence from the Mentor's perspective and insight.
- Students from rural backgrounds are able to understand and speak in English and are hired in reputed companies.
- Parents who are also stakeholders have found great satisfaction in the mentorship program.

Problems Encountered and Resources Required

- Additional workload for faculty members
- Extra buses are operated at 6.00 P.M. daily

BEST PRACTICE 2

Title of the Practice

Youth Power Activities

Objectives of the Practice

'Youth Power Activities" is a best practice which enables the students to serve the Society and Environment to realize their responsibilities towards creating a better future. Our college has instigated this practice to infuse in the students the following characteristics:

- To assist in learning about real time challenges and issues
- To embody humanity by helping the underprivileged members of the society
- To foster a sense of civic and social responsibility among one another and put social harmony and national integration into practice
- To establish a pollution-free Green Environment
- To encourage involvement in environmental issues
- To be recognized by the local community

Context

Involving students who have regular study schedule along with social service works can lead to face challenges in the below parameters:

- Time management for balancing academic work with social service commitments

- Limited resource constraints to fulfil all activities planned

Practice

In honor of National Youth Day, 15 days will be set aside each semester for youth power activities where our students may make a positive impact on society. They are inspired to behave as socially environment conscious citizens in order to live up to our tagline, "We Create Responsible Engineers".

Service to Society

- In the aforementioned 15 days, Students will carry out Cleaning activity in their neighbourhoods, Planting saplings, donating educational aids to the school children, donating food and groceries to old age and orphanage homes, Literacy campaign (Each one Teach one), Feeding helpless street dogs, Cleaning the temples, Spreading knowledge about healthy living, disease prevention, blood donation, creating save water awareness, adoption of villages (D.Perumapalayam and Kuppanur are the rural areas identified under Unnat Bharat Abhiyan for the development of environment and education)
- Siruthuli, a student initiative which means "Contributing a small drop," through which our students donate at least Rs.5 per month to support the less fortunate. On special occasions such as Founder's Day and Capstone (Annual Day), a yearly donation of Rs.50,000 is given to old age homes and orphanages. Additonally, Siruthuli has given the Flood Relief Funds.

Environmental Consciousness

The college regularly organizes Rallies and awareness programs like the following to foster a sense of social responsibilities in our students.

- The awareness Rally on "Say No to Plastics" and donating cloth bags to Public, banned the Single use plastics on campus and nearby villages.
- Sapling plantation at various places, Seed balls preparation and throwing in the neighbouring areas
- Awareness campaigns like "Save Soil," "No Smoking Rally" and "Use of Electric Vehicles"

Evidence of Success

- Appreciation Letter from Kerala Chief Minister
- Certificate of Appreciation from D.Perumapalayam Village
- Certificate of Appreciation for Siruthuli from Nesakarangal, NiraiVazhvu, Salem.

Problems Encountered and Resource Required

- During literacy campaigns in villages, assisting the elderly to gain basic literacy and Follow up activities cannot be done regularly in a restricted time frame
- Constraints in the resources and Transportation to remote areas.

File Description	Document
Best practices as hosted on the Institutional website	[View Document](#)
Any other relevant information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

"CAPS"

AVS Engineering College follows a Unique System "CAPS" comprising of four Verticals.

C - Concept of the Day

A - Academic Performance

P – Placement Training

S – Sports

All the above mentioned vertical activities are carried out to enhance students' Evolution, Progression and Prosperity.

- **CONCEPT OF THE DAY**

Our College has a specific approach to enhance the technical skills and knowledge of the students through the "Concept of the Day".

The Objectives are to

- **Enhance Communication Skills**: Regular presentations improve verbal communication, clarity, listening skills and ability to convey complex technological concepts effectively.
- **Gain Updated Knowledge**: Concept of the day requires staying updated on the latest technology trends, fostering a habit of continuous learning.
- **Build Confidence**: Regularly presenting in front of peers can boost confidence and reduce anxiety associated with public speaking.
- **Boost Critical Thinking**: Preparing and presenting diverse technical topics develop critical thinking skills and foster a deeper understanding of technological concepts.

- **Refinement through Feedback**: Presentations provide opportunities for oral feedback from faculty and peers, allowing them to refine their content, delivery and overall presentation skills.

Incorporating daily presentations into the learning environment helps students to develop a well-rounded skill set essential for future academic and professional success. Presenting technical topics can be nerve-wracking, but doing regularly with follow up process can help the students to overcome their stage fright.

- **ACADEMIC PERFORMANCE**

The goal of AVS Engineering College is to improve the students' learning strategies, support systems and overall educational experiences to enhance their academic outcome.

PRACTICES FOLLOWED:

- **Personalized Learning Programs:** Using ICT and Modern Teaching Pedagogy suited to the unique requirements, abilities and learning methods of both slow learners and advanced learners are offered.
- **Assignments and Improvements**: consistent study routine through regular assignments and assessments will help the students' learning and progress. For slow learners, remedial measures are taken for improvement.
- **Technology Integration and Support:** Educational apps, library resources, online platforms and software tools that can enhance their learning experience are used.
- **Peer Collaboration:** Group study sessions and team projects foster a deeper understanding of the material through different perspectives.
- **Student Mentoring:** Mentoring provides students a supportive environment to address any mental health challenges that may impact academic performance.
- **Expert Talks:** Subject Experts are invited from both Institutions and Industries to share their knowledge, experience and provide insights to the students.
- **Course Materials:** Question banks, mind maps and other assisting materials are provided to the students for deep understanding and learning.

According to the Rank List published by the Anna University for Academic Performance, our College has achieved **48th position out of 313** Non- Autonomous Affiliated Colleges in Nov/Dec 2022. Consistent measures are taken to maintain our position within the top 50 Rank.

Additionally, in honor of unparalleled Academic accomplishments, the college has presented with **Academic Excellence Award for the year 2023** from Human Resource Development (HRD).

- **PLACEMENT TRAINING**

The prime aim of our Institution is to make students Industry ready. Trainings are provided to the students through Training and Placement Cell with the aim to induce them to gain the following outcomes:

- To determine what outcomes they desire and make sensible job decisions
- To use personalized skills evaluations to investigate their areas of strength and potential career paths
- To learn, practice and explore Communication and Problem Solving Skills
- To develop and practice Self -Management and Inter-Personal Skills for the work place

We initiate placement trainings right from the first year for all department students. Training classes for Aptitude, Communication, Technical and Soft skills are included in the regular time table and these classes are handled by our In-House trainers. Prior to Campus Drive of all companies exclusive External Trainings are rendered to students offered by

- TCS ion
- ZOHO – Creators
- Face prep
- SEED team
- Silicon Software

Intensive practice with mock tests, group discussions, technical, HR and mock interviews before campus drives are given to help students become more confident during interviews. Through Industry Institute Interactions, our students are working in TVS Training Services and also in funded consultancy projects for Start-up companies.

Our Institution regularly organizes special HR Conclaves, Industry Expert Talks and interaction sessions with distinguished Alumni to students that facilitate contacts with professionals and create networking opportunities that can enhance the chances of securing prospective placements.

- **SPORTS**

The Institution strongly believes that Sports activities help to balance the rigorous academic workload, enhance team building and problem-solving abilities and cultivate leadership skills. Additionally, it promotes overall well-being and stress relief contributing to a more holistic educational experience.

Our Institution has employed well-qualified and experienced Physical Director, who trains and supervises students for active participation in various sports activities and competitions. Talented and potential students are identified and groomed into professional players.

A separate outdoor sports area is allotted for conducting field events like Shot put, Discus Throw, Javelin Throw, Kho-Kho etc. Zonal tournaments are also conducted in our college. There are also spaces allotted for Indoor sports including Table Tennis, Chess and Carrom. Well equipped Gymnasium is available in the campus separately for boys and girls. Students are encouraged to use it in the early morning and in the evening after college working hours.

The College also rewards with scholarships for outstanding achievers in sports. Students are encouraged to participate in various Zonal level, National and International Level tournaments. Our Students have a remarkable achievements as 18 National Level awards , 38 Anna University Interzonal Level awards, 35 State level awards, 4 Zonal Level award in the last five years.

The **CAPS** is a Multifaceted approach that helps students to grow not only in technical aspects but

also beyond that, which prepares them for the challenges of the World. Overall, "**CAPS**" serves as a Best Support System for the Holistic Development of our students and thus it helps to achieve our tag line "We Create Responsible Engineers".

File Description	Document
Appropriate web in the Institutional website	[View Document](#)
Any other relevant information	[View Document](#)

5. CONCLUSION

Additional Information :

- AVSEC is an ISO 9001-2015 Certified Institution.
- Career 360° has rated the Institution with "AAA".
- Awarded as Best Motivating College and Best Engineering College
- Anti- Ragging Cell has ensured a Ragging Free Campus
- Entrepreneurial Skills of the students are enhanced by industry institute connects with 38 MoUs and various skill development programs.
- 8 innovative ideas have been filed and published.
- 80 plus companies have visited for Campus Placement Drives.
- In-house trainers are engaged to train students in technical, aptitude and communication skills.
- Both Men and Women Sports Teams have continuously won Championships in Inter-Collegiate Cricket, Fencing, Taekwondo, Boxing, Power Lifting, Weight Lifting, Physique Building, Athletics etc.
- J.Gowrisankar of I MBA has been selected for the Tamilnadu Cricket Premier League, Salem Spartans for the year 2023-2024.
- Many Rallies and Awareness Campaigns on social issues are conducted as part of the Institute's Corporate Social Responsibility.
- Nearly 4500 tree sapling have been planted in nearby areas and hills.
- Green initiatives are taken for building an energy efficient green environment.
- Learning by doing community development projects is encouraged through NSS and Unnat Bharat Abhiyan activities.

Concluding Remarks :

AVSEC is focused on emerging as a premier institution, at state and national level, in delivering technical education to all strata of students. The institution is committed to reach the highest levels of excellence and quality assurance in academics and non-academic activities. The motto of AVSEC is to empower students to become responsible engineers, citizens and leaders. The institution is inclined to nurture students to become globally competent engineers who are technically savvy and ethically upright.

Outcome based education (OBE) with student centric practices in teaching and learning are given immense importance. With the combined efforts of the administration and faculty team, the institution has seen great development and progress in academics producing high number of graduates and increased placement percentage consecutively.

The institution plans to achieve academic excellence by increasing research and innovation activities including number of patents filed and products developed. Establishing research centres in all departments, promoting Start-ups and creating entrepreneurs are in the future plans. Getting NAAC Accreditation will lead and encourage the Faculty Members, Students and Management to concentrate more in research, innovation and over all development in order to evolve as an eminent institution.

In conclusion, AVSEC is committed to create responsible engineers, build a better future for them through quality education and thereby a better Nation.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.3.2	**Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)** 1.3.2.1. **Number of students undertaking project work/field work / internships** Answer before DVV Verification : 1232 Answer after DVV Verification: 1231 Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.
1.4.1	*Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website* Answer before DVV Verification : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website Answer After DVV Verification: C. Feedback collected and analysed Remark : As per clarification received from HEI, thus DVV input is recommended.
3.1.1	*Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)* 3.1.1.1. **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)** Answer before DVV Verification: <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>1.1275</td><td>5.64382</td><td>5.185</td><td>1.98</td><td>4.37</td></tr></table> Answer After DVV Verification : <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table> Remark : As per clarification received from HEI, grants received for research projects / endowments in the institution only to be considered, thus DVV input is recommended.
3.3.1	**Number of research papers published per teacher in the Journals notified on UGC care list during the last five years** 3.3.1.1. **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years** Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
13	15	23	10	14

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
8	11	7	6	10

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

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

3.3.2.1. **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
12	11	105	120	114

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
11	95	85	98	0

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

3.4.3 — *Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.*

3.4.3.1. **Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
29	9	4	7	6

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
16	7	3	5	4

	Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.
3.5.1	*Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.* Answer before DVV Verification : Answer After DVV Verification :14 Remark : As per clarification received from HEI, thus DVV input is recommended.
4.1.2	*Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years* 4.1.2.1. **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)** Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
319.20	323.29	117.24	265.85	310.92

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

Remark : As per clarification received from HEI, Fixed assets and operating expenses cannot be considered in this metric, thus DVV input is recommended.

4.4.1	*Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)* 4.4.1.1. **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)** Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
334.03	309.48	76.95	281.42	305.39

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
36.71	15.14	54.23	13.75	11.22

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

5.1.2	*Following capacity development and skills enhancement activities are organised for improving students' capability* 1. *Soft skills* 2. *Language and communication skills* 3. *Life skills (Yoga, physical fitness, health and hygiene)* 4. *ICT/computing skills* Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. 2 of the above Remark : As per clarification received from HEI, thus DVV input is recommended.
5.1.4	*The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases* 1. **Implementation of guidelines of statutory/regulatory bodies** 2. **Organisation wide awareness and undertakings on policies with zero tolerance** 3. **Mechanisms for submission of online/offline students' grievances** 4. **Timely redressal of the grievances through appropriate committees** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above Remark : As per clarification received from HEI, thus DVV input is recommended.
5.3.1	**Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ 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: <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>25</td><td>18</td><td>6</td><td>32</td><td>14</td></tr></table> Answer After DVV Verification : <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>8</td><td>6</td><td>4</td><td>8</td><td>6</td></tr></table> Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.
5.3.2	**Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
59	47	13	39	45

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
9	7	6	9	8

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

6.3.3	*Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years*

6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
108	117	111	114	113

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
108	117	111	114	113

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
35	39	38	41	43

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
44	44	44	44	44

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations