SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

BANSILAL RAMNATH AGARWAL CHARITABLE TRUST'S VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Vishwakarma Institute of Information Technology, VIIT, was Established in 2002 with the vision of Excellence in technical education and holistic developments of aspiring engineers. In 2017, VIIT is conferred an autonomous status with permanent affiliation to the Savitribai Phule Pune University (SPPU), Pune. During last 20 years of operation, institute has shown remarkable growth both qualitatively and quantitatively through 08 undergraduate, 05 Postgraduate and 04 doctoral engineering programs. As a result of adopting best practices, institute has received ISO 21001:2018 certifications, NBA and NAAC accreditations, top rankings by recognized surveys, and is on the fast track to growth.

With the change in engineering education scenario and to satisfy the demand raised by industry, institute ensures that the students are at par with the future generation technology. Teaching -Learning process adopted in the institute is student centric and in line with outcome-based education (OBE). This helps in fostering independent thinking ability among the students. Curriculum enrichment through Continual efforts reflects in adding various contemporary courses towards achieving the vision of the institute and in tune with the expectations raised by the New Education Policy -2020.

Globally accepted graduate attributes (GAs) are being practiced with the sense of commitment towards social wellbeing. Institute strive to impart knowledge and skills to transform young minds into effective engineer rather than merely engineering graduates. Collaborative study with industries and research institutes within and countries abroad empowers our students to be accepted at global standards. Institute adopts multidisciplinary approach in the engineering .

Students' aspiration towards job, higher studies and entrepreneurship is at the heart of every activity. Industry connect adds a value to identify and bridge the gap between current trends/expectation and existing competency. Highly qualified, experienced, and competent faculty is the strength of the institute.

Institute has very strong support systems for holistic development of student in the form of National Service Scheme (NSS), Woman Empowerment Cell (WEC), Entrepreneurship Development Cell (EDC), Robotic Club (Robocon), Supra and BAJA, Avishkar Cultural Club, Competitive Examination Cell (CEC).

VIIT always strives to step up quality ladders with a strong belief of quality consciousness in all its operations.

Vision

Excellence in Technical Education with Holistic Development

Mission

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- To make the industry ready graduating engineers with high human values
- To Impart technical, social innovative, and entrepreneurial skills of the highest standards.
- To prepare passing graduates for higher studies and highquality research.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Institute is a Part of a Brand Vishwakarma Institutes, Pune which is operational from last four decades.
2. Meritocratic and gender balanced governance through decentralized structure of authority and responsibilities compliant with ISO 21001:2018 with ERP automated academic and administrative processes.
3. Consistently received various accreditations from apex bodies like NAAC, NBA, and awards / ranks from various private surveying agencies.
4. Highly qualified faculty with excellent retention ratio is attributed to effective faculty empowerment and carrier advancement policies and strong IPRs to Research Promotion policies.
5. Faculty and staff emolument is as per 07th pay commission with duly applicable norms.
6. Strong industry connect that resulted in continual improvement in student placements, semester long internships, preplacement offers, sponsored or live projects and more than 80 active MoUs.
7. Curriculum is as per Industry demands and partially delivered by industry experts towards industry readiness for the better prospects of student employment.
8. Thoughtful emphasis on inclusion of value-added category of courses in the curriculum for fulfilment of graduate attributes and holistic development of students.
9. Freedom for curriculum design, delivery, and assessment due to an autonomous status and is strictly as per OBE philosophy.
10. Technology Research Centres (TRCs) in healthcare, precision agriculture and sustainable technologies in collaboration with Industry/research institute of repute.
11. Active and effective student support ecosystem for diverse extra and co-curricular development.
12. Very strong societal wellbeing actions through NSS activities blended with technical expertise.

Institutional Weakness

1. Less demographic diversity of student intake due to admission norms of apex bodies.
2. Misappropriate proportion of available technical expertise with Funded research projects and consultancy.

Institutional Opportunity

1. Major technical projects have well opportune to get transform into to the product through incubation

and EDC cell.

2. Design and development of Multidisciplinary program with available expertise in different branches of engineering.
3. International collaboration for higher studies and research
4. Potential improvement in research publication due to increased research program intake
5. Proximity to industrial, trade and research centres of national importance for fostering the Industry Institute interaction.
6. Scaling up freedom in curriculum design as per expectations in NEP 2020

Institutional Challenge

1. Sustain and elevate the reputation of an institute in current competitive time.
2. Encouraging research through Masters and PhD programmes.
3. Adoption of Teaching -Learning pedagogy to accommodate diverse expectations in tune with the expectations of NEP 2020 and millennials' learning approach.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

VIIT attained the prestigious autonomous status from the academic year 2017-18 and offers Undergraduate, Postgraduate and Doctoral programmes in Faculty of Engineering.

An extensive process has been put in place for the design of the program curriculum to ensure that the curriculum is continuously updated and in tune with the emerging national and global trends and relevant to the local needs. The academic autonomy of the Institution provides the opportunity to frequently revise the curriculum based on needs and suggestions from various stake holders. VIIT has adopted the philosophy of outcome-based education. VIIT regularly modernizes curricula with a higher standard to attain all the graduate attributes such as teamwork, communication, ethics, financial and managerial skills etc. along with technical competence. The institute follows a well-defined process for finalizing the Program Educational Objectives (PEOs) for each program in line with Vision and Mission of the Department as well as Institute. The syllabus for each course is designed to meet the compliance of the curriculum to attain the POs and PSOs defined for the program.The cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, Human Values lead to the holistic development of student. The institute has focused these qualities by integrating it through different types of courses in the curriculum along-with various activities with vigorous participation by faculties and students. The syllabus of UG and PG programmes was revised in 2017 , 2018 and 2020. The curriculum focuses mainly on introducing new courses with multiple facets to meet contemporary needs by offering professional and interdisciplinary electives as well as value added courses for improving the soft skills, general aptitude and technical aptitude. Ample opportunities of internships in industry/research institute, industry-sponsored projects and collaborative projects with research institutes are available for students to get exposure of real world.

Teaching-learning and Evaluation

VIIT focuses on implementation of student-centric teaching-learning methodologies.

In VIIT, Average enrollment percentage for the last five years is 99.65 and the average percentage of seats filled against reserved category is 93.34.

The Institution follows the systematic procedure to identify the advanced and slow learners. For slow learners additional lectures are conducted and prerequisites are repeated through bridge courses. Batch guardians / mentors do counselling of these students and help them to manage their studies.

Advanced learners are encouraged to work on highly challenging Projects and are motivated to participate in the various national level competitions. They are also encouraged to go for Industry internships during semester breaks. Institute also has project based learning (PBL) through which different problem statements of the courses are given to the students.

Average of student to faculty ratio for last five years is 17:1.

For an effective teaching-learning, the ICT enabled tools are used effectively by the faculty members for curriculum delivery. Google forms, Kahoot quizzes, word press, different simulation soft wares are some of the ICT tools being practiced by course teachers. NPTEL Swayam lectures are also shared with the students. Vishwakarma Online Learning Platform (VOLP) that provides good interactive features for sharing contents and performing evaluations. The Institute has provided LinkedIn Learning platform and Infosys spring board platform for the students.

Effective mentoring system is followed at the Institution. Batch gaurdians are appointed for every 20-25 sutdents.

The average teaching experience of full time teachers in the same institution is 7.29 years and their total experience during academic year 2021-2022 is 2085 years.

The institution follows the well-defined process for internal assessment of students and any examination related grievances are addressed effectively.

Course Outcomes (Cos) are defined for every course offered by the Program. COs and POs are communicated to students and are displayed on the website.

The average pass percentage of outgoing students is 99.06 during last five years.

Student Satisfaction Survey based on teaching-learning and about the institute is collected and analyzed at the end of every semester and every academic year respectively.

Research, Innovations and Extension

Research and innovation plays an important role in enhancing quality education. To promote research culture in the institute, VIIT has various well-defined policies which are developed and implemented. These policies include IPR policy, publication rewards policy, Vishwakarma Students Research Promotion Scheme (VSRPS),

Vishwakarma Research Promotion Scheme (VRPS), policy for consultancy work, policy for distribution of funds generated through funded projects, policy for distribution of funds generated through training programs. Every year, a separate budget is sanctioned for Research and Development activities and this amount is utilized on the various outcomes from the above-mentioned policies. Institute also provide the seed funding for the faculty and students in terms of travel grants, research projects, conduction of training outside. Every year institute also gives BEST RESEACHER AWARD at institute level in order to motivate the faculty for undertaking quality research and industry projects which include cash Prize of Rs. 10,000 and certificate of appreciation.

The Institute has a dedicated R&D cell to nurture research, innovation and entrepreneurship ideas among faculty and students which has been formed in accordance with the recent UGC guidelines. Faculties and students are also encouraged to submit research proposals to various funding agencies and as an outcome of these various policies and research promotion initiatives, Institute received total research funding of Rs. 122.11 Lacs, 368 Journal publications, 319 Conference publications/Books/Book Chapters, 105 patents, and 138 copyrights in the last five years. The institute has state of the art computing facility in terms of hardware infrastructure and software setups. The computing facility is updated every year as per the requirements and this facility available in every department is effectively utilized for research and development work, additional revenue generation by providing testing services to outside stakeholders. In addition, consultancy work has been done by faculties for industries. Institute also has strong National Service Scheme cell and carried out remarkable activities and contributions and also completed quality social work under the scheme UNNAT BHARAT ABHIYAN for nearby villages. The Institute has good contribution in student activities and extension activities towards curricular, extra-curricular and co-curricular parts.

Infrastructure and Learning Resources

Vishwakarma Institute of Information Technology is known not only for good quality education but for its excellent performance in curricular, co-curricular and extracurricular activities. The Institute has all the infrastructure required for effective conduct of teaching-learning process, co-curricular activities and extra-curricular activities and is spread over a land area admeasuring 5.67 acres with built up area of 20984 sq.m. The physical facilities comprise of 57 classrooms, 16 tutorial rooms, 65 laboratories and one seminar hall. All the classrooms are equipped with LCD/Wi-Fi and LAN facilities. The laboratories are provided with state of the art equipment. Some laboratory setups are sponsored by industries. The Institute has a rooftop solar system of 120 kW capacity generating 30-35% of total electricity consumption. The Fire Fighting System in the form of fire extinguishers and water type sprinkler is installed in the campus. The institute provides 1537 computers of P-IV and above configuration. Student-computer ratio is 3:1. There are 5 servers, UPS of different capacity, 140 printers, 58 LCD, and 10 scanners. In the software section there are 42 legal application software and 6 legal system software. 1 GBPS of Internet bandwidth and 25 secured Wi-Fi connectivity access points are provided in the campus. The security of the campus is ensured with installation of 338 CCTV cameras at strategic locations. Enterprise Resource Planning (ERP) is deployed for effective academic planning, execution, monitoring and analysis. ERP software is used for automation of academic and administrative processes carried out in the institute, to maintain and analyse the data related to various processes of the Institute. Repairs, maintenance and upkeep of physical infrastructure, support facilities and the Institute Campus are undertaken through our workshop and estate manager regularly and whenever required as per the processes and forms in the Institute's Quality Management System (QMS). There are annual maintenance contracts (AMCs) for various systems in the campus. Annual Maintenance Contract is given for electric lift, water coolers & purifiers, generator set, telephone (EPBAX system) and refilling of fire extinguishers.

Student Support and Progression

The institution publishes its updated prospectus annually and provides all the information regarding admission, various programs, student facilities and placement information. There are about 4500 students from various backgrounds. The students receive financial assistance especially for SC/ST, OBC and economically weaker sections . To meet the requirements of the students, the students are monitored and administrated through ERP system. The students receive financial assistance especially for SC/ST, OBC and economically weaker sections. We also address the issue of economically weak students through women empowerment cell where various awareness program and scholarships are given to girl students through non-government scholarship programs like Khushboo, Cybage, Leela Poonwala and Katalyst scholarship program. The Student Council of the institute plays a vital role in the all-round development of students by organizing various academic, co-curricular, and extracurricular events throughout the year in association with the University and other organizations. The Council comprises elected student representatives from various departments and committees responsible for different functions and events. The institute places a strong emphasis on the holistic development of its students, and as such, regularly organizes a variety of co-curricular and extracurricular activities. These activities serve as a platform for students to identify and showcase their talents and skills. VIIT motivates students to participate in various National & International extra & co curricular activities, entrepreneurial skills are inculcated through EDC. The students are supported and guided in preparing for the competitive exams such as GATE/GRE/TOFEL/GMAT etc. Counselling services are made available to the students through competitive and placement cells for students have established. The institution has a well-defined structured mechanism for career guidance and placement of its students which provides requisite training and motivates the students for research and higher studies. The students are guided and counselled in terms of their personal and career perspective, through mentoring and counselling sessions. Remedial lectures are conducted for low performing students. Continuous feedback is obtained from alumni, graduating students and Industrial Advisory Board regarding teaching learning process, placements, internships and entrepreneurial activities. To be relevant in today's global market, this assessment is vital for the success of the institute.

Governance, Leadership and Management

The institute believes, in participative and transparent governance and decision-making.

To attain the objectives in terms of knowledge, skills and development, the aim of our institute is the holistic development of the student which includes professional ethics and academic excellence. The CDC with faculty representation is responsible for strategic planning and decisions. The Five-year Strategic Plan of the institute approved by the BoM is implemented through Deans, HoDs and faculty members. The performers meeting the targets are incentivized. The Steering committee led by the Director and Deans, Heads and Registrar and IQAC makes academic, administrative and financial decisions. Four statutory committees and twenty non statutory committees like College Developement Committee, Board Of Examination , Library, Internal Complaints Committee, Anti Ragging committee, Hostel, Admission committees etc. meets at appropriate intervals and participate in the decision-making process.

The Academic Board comprises academicians from our own institute and university and industry persons to guide on academic initiatives. The Board of Subjects of every department help frame the curriculum and implement academic initiatives. The Examination Cell is responsible for scheduling, conducting and

processing the examination and results. The examination committee reviews the students' progress.

The Finance committee helps make financial decisions. Financial auditing is made by third-party auditors. The Deans are entitled to make an expenditure up to INR 15000 while HoDs up to INR 7500. Annually program-wise budgets are allocated based on the requirements. Purchase of equipment is made through the Purchase Committee. The institute offers various faculty welfare measures like EPF, medical insurance, maternityleave, study leave, Diwali Gift to the faculty and staff. Students and faculty grievance cells are online and the grievances are addressed. The student and faculty feedback is recorded online and used for improvement. The administrative processes are streamlined and web-enabled for efficiency and effectiveness.A separate budget is kept aside for faculty training and development, student welfare and development and research and development.

Institute has fully functional IQAC cell and looks after timely completion of NBA and NAAC accreditation ,NIRF and other private institution rankings.

Institutional Values and Best Practices

The institute has a strong and comprehensive work culture built on ethics. Equal opportunities are offered to all students and staff members regardless of gender, race, caste, creed, religion, language, nationality, or social origin. The institute promotes gender sensitivity and equity through several measures, e.g. Anti-Ragging measures are followed strictly to keep ragging free campus, activities for women empowerment.

The institute has implemented a number of energy-saving measures, including using LED lighting, turning off lights, fans, and electronic equipment when not in use, and turning off the UPS system's inverter after business hours. Both in the institute and the hostels, renewable energy practises are encouraged, such as the use of solar panels and biogas. Similar initiatives are supported both on and off campus, such as in Jamgaon, a village that VIIT has sponsored.

Institute is committed for environment friendly green campus, NSS conducts various activities in this regard. Degradable and non-degradable waste is handed over to Pune Municipal Corporation. The proper and routine repair of computers and other electronic peripherals ensures a low e-waste generation. Periodic maintenance of laboratories is scheduled for the same. The Institute routinely disposes of non-functioning computer parts and other non-functioning electronic equipment through reputable vendors.

The faculty and students of VIIT come from diverse backgrounds. The institute is committed to provide an inclusive environment where student, faculty and staff can work together for their development, learning and upward mobility. The institute imparts and takes the immense efforts to impart the feeling of devotion/nationalism in students and faculty by organizing and celebrating various national and international level days, events and national festivals like Independence Day and Republic Day, Women's day, Teacher's Day and other extension activities every year.

Institute follows various practices for better functioning and development of the stakeholders. Few best practices of the institute are skill development through project based learning and skill competency exam, research and innovation, industry engagement in course syllabus framing and evaluation etc. The institute has highly active student forums - Computer Society of India (CSI) student forum, Coding forum, Machine Learning (ML) forum, IoT forum and Cyber Cell.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	BANSILAL RAMNATH AGARWAL CHARITABLE TRUST'S VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY
Address	Survey No. 3/4, Kondhwa Budruk (Bk.), Pune
City	PUNE
State	Maharashtra
Pin	411048
Website	www.viit.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	Vivek Shankar Deshpande	020-26950201	9850604785	020-2695020 2	director@viit.ac.in
IQAC / CIQA coordinator	Yogesh Dandawate	020-26950212	9422331011	020-2695020 6	deanquality@viit.ac.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

Date of Establishment, Prior to the Grant of 'Autonomy'	01-07-2002
Date of grant of 'Autonomy' to the College by UGC	01-07-2017

University to which the college is affiliated

State	University name	Document
Maharashtra	Savitribai Phule Pune University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	21-07-2015	[View Document](#)
12B of UGC	21-07-2015	[View Document](#)

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](#)	11-07-2022	12	Approval for One academic year

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	Survey No. 3/4, Kondhwa Budruk (Bk.), Pune	Urban	5.67	20984

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,Electronics And Telecommunication Engineering	48	Higher Secondary School Certificate	English	180	180
UG	BTech,Computer Engineering	48	Higher Secondary School Certificate	English	240	240
UG	BTech,Mechanical Engineering	48	Higher Secondary School Certificate	English	120	109
UG	BTech,Information Technology	48	Higher Secondary School Certificate	English	180	180
UG	BTech,Civil Engineering	48	Higher Secondary School Certificate	English	60	54
UG	BTech,Artificial Intelligence And Data Science	48	Higher Secondary School Certificate	English	180	180
UG	BTech,Computer Science And Engineering Artificial Intelligence	48	Higher Secondary School Certificate	English	60	60
UG	BTech,Computer Science And Engineering Artificial Intelligence	48	Higher Secondary School Certificate	English	60	60

	And Machine Learning					
PG	Mtech,Electronics And Telecommunication Engineering	24	Bachelor of Engineering Technology	English	6	0
PG	Mtech,Computer Engineering	24	Bachelor of Engineering Technology	English	6	1
PG	Mtech,Mechanical Engineering	24	Bachelor of Engineering Technology	English	6	2
PG	Mtech,Civil Engineering	24	Bachelor of Engineering Technology	English	6	4
PG	Mtech,Civil Engineering	24	Bachelor of Engineering Technology	English	6	1
Doctoral (Ph.D)	PhD or DPhil,Electronics And Telecommunication Engineering	36	Masters of Engineering Technology	English	19	19
Doctoral (Ph.D)	PhD or DPhil,Computer Engineering	36	Masters of Engineering Technology	English	44	44
Doctoral (Ph.D)	PhD or DPhil,Mechanical Engineering	36	Masters of Engineering Technology	English	43	43
Doctoral (Ph.D)	PhD or DPhil,Civil Engineering	36	Masters of Engineering Technology	English	17	17

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				34				60				249
Recruited	15	4	0	19	10	11	0	21	135	114	0	249
Yet to Recruit				15				39				0
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
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				94
Recruited	82	12	0	94
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				55
Recruited	47	8	0	55
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.	15	4	0	10	11	0	16	20	0	76
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	119	94	0	213
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/MCH	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

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/MCH	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	883	21	22	8	934
	Female	262	8	11	1	282
	Others	0	0	0	0	0
PG	Male	6	0	0	0	6
	Female	2	0	0	0	2
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	75	0	0	0	75
	Female	48	0	0	0	48
	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	81	67	62	43
	Female	27	29	25	14
	Others	0	0	0	0
ST	Male	21	21	15	11
	Female	5	4	3	4
	Others	0	0	0	0
OBC	Male	225	231	184	139
	Female	53	41	61	41
	Others	0	0	0	0
General	Male	384	488	441	433
	Female	123	115	84	109
	Others	0	0	0	0
Others	Male	107	96	176	64
	Female	35	25	53	17
	Others	0	0	0	0
Total		1061	1117	1104	875

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Artificial Intelligence And Data Science	[View Document](#)
Civil Engineering	[View Document](#)
Computer Engineering	[View Document](#)
Computer Science And Engineering Artificial Intelligence	[View Document](#)
Computer Science And Engineering Artificial Intelligence And Machine Learning	[View Document](#)
Electronics And Telecommunication Engineering	[View Document](#)
Information Technology	[View Document](#)
Mechanical Engineering	[View Document](#)

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The primary goal of NEP is to enhance the education system by making it more inclusive, integrated, multidisciplinary, and productive. The institute has taken the NEP planning and implementation as a primary task in line with NEP to deliver a high-quality education and to develop human resources in our nation as global citizens. The multidisciplinary approach in education is the key element in NEP which breaks the walls among different streams. In an engineering institute this is the most critical aspect as the needs of industry and technological solutions demand integration of multiple domains . This key element is prominently addressed via curriculum and pedagogy in teaching and learning, supporting rational decision-making and innovation, critical thinking, and creativity. The curriculum emphasises delivering courses and projects for credit in the areas of community engagement and service, environmental education, and value-centered education. Academic programmes are designed to accommodate Multidisciplinary/Interdisciplinary electives. These programmes are designed to provide students with the most options for elective courses provided by other departments. The academic structure provides the students to select two kind of electives namely professional and Open electives. Under Open electives multidisciplinary electives are offered by different departments which makes this

	system completely in tandem with multidisciplinary requirement. Curriculum includes Engineering Exploration and Design project to create multidisciplinary approach. Along with the final year , at third year as well projects are introduced. This provided more practical approach of learning as well as provided opportunity to work on interdisciplinary projects for significant time to the students. In the final year semester long internship is offered to the students where they are encouraged to take industry projects. This also enhances the opportunity to work on interdisciplinary solutions. In view of the Global scenario, engineering students should have knowledge of courses from various branches as well as some advanced subjects in the field in which they are majoring. Academics at the same institution have adopted a Honors programme. The programme also emphasises language, humanities, finance, and management-related courses. In addition, a significant capstone project has been added to the curriculum, in which students are encouraged to work in groups on projects that address local, national, and international social and industrial concerns. The Institute also has Vishwakarma Students Research Promotion Scheme(VSRPS) under which the students are encouraged to submit research proposals which provides them the platform to exhibit interdisciplinary research and technical solutions
2. Academic bank of credits (ABC):	Vishwakarma Institute of Information technology is an official member through savitribai Phule Pune University of the National Academic Depository which is a government endeavour to offer an online repository for all academic awards under the Digital India Programme. The National Academic Bank of Credits (ABC) portal has now been integrated into the nad.digitallocker.gov.in platform. The institute follows a choice-based credit system for all of its programmes and is now in the process to pass a resolution related to the ABC in the Academic Council. The Institute has already register in the portal and the awareness is created among the students regarding ABC. More than 1000 students are already register on the portal and got their ABC Id. The following process will be soon under implementation.
3. Skill development:	In addition to curriculum Institute believes in imparting skills in students. This is inline with NEP.

NEP Focuses on 'assessment for learning'. Taking into account this prerequisite institution has adopted two major practices viz. LinkedIn Learning and Infosys Springboard. Institution started LinkedIn Learning course for B. Tech students. Two separate learning paths were created for circuit and non-circuit branch. Students were asked to complete not only technical training but non-technical courses like quantitative aptitude, logical reasoning, and soft skills courses to ensure the employability. Additional efforts were taken for SY (Mechanical and Civil). Students by providing learning path of soft skills and personality development. The total enrolments for the courses were 600. Students earned certificate after completing learning path which was uploaded on their LinkedIn profile page. In order to assess the learning of the students institution has used Infosys Springboard assessment tool. The platform provides basics of the courses and evaluation measures like quiz; case based assignments were given to students and their performance was considered to know the learning ability. The activity was carried out for courses especially for tools and technologies which included subjects like Java programming language, Robotic Process Automation, Data Structures etc. This practice helped to understand professional readiness of the students. Total 400 students from every programme of entire institution availed this opportunity. The platform found to be useful to understand industry needs and apply the learning skills to solve real life case studies. This has assisted students in improved placements. During pandemic, the Institute has agreement with Coursera and 1300 licenses were provides to students to complete state of the art skill enhancing courses. Students are motivated to participate in extracurricular and cocurricular activities like SUPRA, BAJA, ROBOCON and Cultural events as well. They are also motivated to organize events, on and off the campus, to explore a few qualities in their personality like Managerial skills/leadership skills, planning and enterprising skills, and interpersonal skills. The institution is providing value-based education to inculcate positivity amongst the learner that include the development of humanistic, ethical, constitutional, and universal human values. Through Academic structure courses like Soft skills, Personality development and Professional

	Ethics(PDPE) and Universal Human Values (VHV) are offered to students. In evaluation mechanism for every course, Skills and Competency (SCE) component is introduced. This provides an opportunity to students to enhance skills related to a particular course.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Indian culture and value system is an integral part of our existence. NEP firmly believes in this value system and has proposed integration of Indian Knowledge system. As a part of NEP- 2020, Institute has take some initiatives. Students are encouraged to take up some online courses related to Indian languages. As a mandatory course at third year Indian traditional Knowledge and at final year Indian Constitution is introduced. These courses are non credit courses but mandatory courses. . The course like soft skills are also made use of to convey the importance of our tradition and culture. NEP also promotes the technical books in regional languages. Some of the faculty members have contributed in this initiative. To improve confidence in students from poor, rural and tribal backgrounds, faculty are using mother tongue as the medium of instruction in teaching learning process. The competencies like cultural awareness and expression among the students are developed by motivating them to participate in cultural activities
5. Focus on Outcome based education (OBE):	The institution emphasises outcomes-based education (OBE), which is reflected in the curriculum design, teaching & learning process, and student evaluations. The curriculum incorporates experiential learning, such as small projects, major projects, internships, entrepreneurship development projects, Engineering Exploration, and so on. Institute has designed curriculum with clearly articulated Institute Vision and Mission, Department Vision and Mission, Programme Outcomes, Programme Specific Objectives, and Course Outcomes. COs are supposed to be connected with programme outcomes and program-specific results, as well as NEP policies. The substance of the curriculum is then established with course outcomes in mind. In order to apply the spirit of NEP, all course syllabi have been constructed with macroeconomic and social demands in mind. The curriculum is well-balanced and offers a variety of course categories, such as fundamental sciences, engineering sciences, humanities and social

	sciences, professional core, professional electives, open electives, and internships/projects. All courses are developed with results centred on cognitive skills, particularly Remembering, Understanding, Applying, Analyzing, Assessing, and Producing. In addition to domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills, so that students contribute actively to the nation's economic, environmental, and social well-being. Institute has a history of incorporating a variety of innovative technologies, such as project-based learning, problem-based learning, ICT tools, collaborative learning, and many more, into its instruction and evaluation. After evaluating a student's performance, all CO's, PO's, and PSO's are quantified, and an action plan is produced to enhance future performance. The process of compliance is expanded to include a review of the student's accomplishments once it has been determined that the weakly mapped Cos should be revised with additional activities, such as extracurricular and co-curricular activities. Calculating the achievement is the next step in evaluating the effectiveness of this curriculum implementation. The targets for each CO of each course are established at the beginning of the semester, and the process of achieving them is carried out at the end of the semester using a variety of direct and indirect strategies. Periodically, internal and external audits are done to ensure that academic and administrative policies are effectively implemented and that quality processes are maintained. The academic audit is undertaken once a year to evaluate the academic activities of the department. This academic audit is led by a faculty member from a prestigious institution, such as IIT Bombay, who is nominated by the Director. Evaluation and testing are fundamental components of Autonomy. The quality of examinations and assessment procedures reflects the teaching and learning process. The institute employs a 360-degree examination that encompasses multiple evaluation criteria. The entire eco system right from designing of syllabus to evaluation is referred to the outcome oriented approach which makes the learning environment better for students.
6. Distance education/online education:	The academic year 2020-2021 was completely affected by Covid-19 pandemic and therefore it was

not only the choice but also the compulsion of the teachers to learn, adopt and practice the ICT enabled tools. Keeping aside the negative impact of lack of face to face learning, online education has broken the geographical barriers creating interaction of experts and students from distant geographies. Opening up of the economy including that of educational institutions has paved the way of adopting hybrid mode of education which combine online and offline resources. This can be considered as the new normal, which is envisaged in New Education Policy as well. In the beginning of the semester departments followed a practice of conducting Internal faculty course planning meetings for each course lead by course coordinator where complete panning of course execution of a semester was done. Different interactive ways to make teaching learning mechanism effective were decided in this planning. Usage of different ICT tools was decided well in advance before semester begins. Google form assignments, kahoot quizzes, think pair share, word press, simulations through different software platforms during lectures are some of the ICT tools being practiced by course teachers. Content wise planning and meticulous execution was implemented to enhance the learning experience of the students. Some good online resources like NPTEL Swayam lectures were also shared with the students. The Institute has a fully integrated in-house developed platform, Vishwakarma Online Learning Platform(VOLP) that provides good interactive features where the contents can be shared and assignments and evaluations can be done with it's features. The library provides access to computers and online journals freely available in public domain and also to journals subscribed on the advice of faculty and facilitates downloads. In addition the Institute also has provided LinkedIn Learning platform for the students where different tracks of learning are provided to students. These tracks prominently feature the essential skills required by the industry in the respective domain. More than 1500 students have benefited from this. One more initiative of evaluation of some software courses with the platform of Infosys spring board is provided for testing the programming skills of students. All these initiatives are making learning process more effective.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	The process to start the ELC has been initiated and under progress. Very soon it will be formed.
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 nodal officer has been appointed and the process to appoint the student and faculty coordinator has been initiated by the college. It will start functioning as soon as permission to start ELC club is received.
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.	Even though ELC is not yet formed, every year college organises the electoral awareness programs like the new voters' registration camp and conducts events like speech activities, and poster-making activities on the occasion of National voters day 25th January. During such programs and events volunteers of the National Service Scheme guide and spread the message about the role of citizens in a democracy, every individual has the right to vote and solve many issues through the campaign.
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.	The college organises the constitution awareness drive through the flagship event called "Youth Parliament". In this event students, all over the college participate by forming two separate groups: the ruling party and the opposition party. Where each student works as a minister of the respective department. Also, on 26th November college conducts the constitution day activities by taking the pledge of the constitution and fundamental rights, and the role of citizens in a democracy. The above-said events are celebrated by making creative posters and social media publicity. The college also supports to conducting debates competition, poster-making competitions and spreading awareness regarding the constitution of India.
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.	To get enrollment of unregistered voters the college in association with the Pune District election commission organizes the voter registration drive. The enrollment forms are circulated among students and filled forms are passed to the nodal officer. This year 120 new voters were registered under this drive. In institute induction program is conducted for first-year students and in the program, Institute appeal

	students to get themselves registered as a voter of India as soon as they complete 18 years.

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2021-22	2020-21	2019-20	2018-19	2017-18
12	12	11	11	11

File Description	Document
Institutional data in prescribed format	View Document

1.2

Number of departments offering academic programmes

Response: 06

2 Students

2.1

Number of students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
4974	4595	3990	3524	3085

File Description	Document
Institutional data in prescribed format	View Document

2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
1052	939	908	814	689

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
4938	4528	3905	3467	2972
File Description			Document	
Institutional data in prescribed format			[View Document](#)	

2.4

Number of revaluation applications year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
26	00	60	151	181

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
224	192	173	183	171
File Description			Document	
Institutional data in prescribed format			[View Document](#)	

3.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
281	196	165	145	187
File Description			Document	
Institutional data in prescribed format			[View Document](#)	

3.3

Number of sanctioned posts year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
281	196	165	145	187

File Description	Document
Institutional data in prescribed format	[View Document]

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1086	1163	1161	975	699

File Description	Document
Institutional data in prescribed format	[View Document]

4.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
540	540	540	420	300

File Description	Document
Institutional data in prescribed format	[View Document]

4.3

Total number of classrooms and seminar halls

Response: 58

4.4

Total number of computers in the campus for academic purpose

Response: 1537

4.5

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

2021-22	2020-21	2019-20	2018-19	2017-18
3616.1	2884	2083.9	1734.3	1521.80

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4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

Pune being industrial hub and institution is having good liasoing with major industries got the benefit of thoroughly understand local,regional,national and global requirements and eventually tune the curriculum from that perspective. Each department develops appropriate need based and relevant curriculum in consultation with experts and considering feedbacks from stakeholders. Furthermore, the methodology for designing program curriculum incorporates industry trends and aims to emphasise hands-on learning while maintain a balance between the fundamental courses. An extensive process has been put in place for the design of the program curriculum to ensure that the curriculum is continuously updated and is in line with the regional and global opportunities.

Factors for Curriculum Design:

The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude. The factors considered for design of curriculum are: (i) UG Syllabus of Institute of repute (ii) Model curriculum prescribed by AICTE, (iii) Syllabus guidelines from professional bodies, (iv) Inputs form Board of studies, Faculty, Industry experts and Alumni, (v) Suggestions from stake holders.

Process for Curriculum Design:

The initial version of the curriculum is prepared by considering above mentioned factors. The proposed curriculum is then discussed in BOS (Board of Studies) and Industry Advisory Board (IAB) where the experts from industry, academia, Alumni in addition to senior faculty members. The curriculum is then placed for approval by the Academic Board (AB). The final curriculum is published on website.

The academic autonomy of the Institution provides the opportunity to frequently revise the curriculum based on needs and suggestions from various stake holders. The syllabus of UG and PG programmes was revised in 2017 , 2018 and 2020. Institute encourage self-learning initiatives by means of Internships, Interdisciplinary projects, MOOC courses, LinkedIn learning etc. for the students which help them to upgrade their knowledgebase in diversified fields in turn make them ready to compete the regional and global opportunities.

Implementation of Outcome Based Education (OBE) in the Curriculum:

The institute follows a well-defined process for finalizing the Program Educational Objectives (PEOs) for each program in line with Vision and Mission of the Department as well as Institute. Later, the syllabus for each course is designed to meet the compliance of the curriculum to attain the POs and PSOs defined for the program. The designed curriculum is well balance and includes various categories of courses such as

Basic Sciences, Engineering Sciences, Humanities and Social Sciences, Professional Core, Professional Electives, Open Electives and Internships/Projects. The Course Outcomes (COs) for every course is mapped with PO and PSO of the program.

The Institute practices classical **"Plan-Do-Check-Act" (PDCA)** procedure for effective implementation of Outcome Based Education (OBE). This ensures that our graduating engineers possess graduate attributes specified via 12 POs defined by NBA. The Institute keenly observes the attainments of PEO, PO and PSO for the respective programs.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 100

1.1.2.1 **Number of all Programmes offered by the institution during the last five years.**

Response: 12

1.1.2.2 **How many Programmes were revised out of total number of Programmes offered during the last five years**

Response: 12

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Details of program syllabus revision in last 5 years(Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 15.64

1.1.3.1 **Number of courses having focus on employability/ entrepreneurship/ skill development year-**

wise during the last five years..

2021-22	2020-21	2019-20	2018-19	2017-18
47	47	32	10	15

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any	[View Document](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Average percentage of courses having focus on employability/ entrepreneurship(Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 0

1.2.1.1 How many new courses are introduced within the last five years

1.2.1.2 **Number of courses offered by the institution across all programmes during the last five years.**

Response: 943

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 50

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

Response: 6

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.3 Curriculum Enrichment

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

Response:

The cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, Human Values lead to the holistic development of student. The institute has focused these qualities by integrating it through different types of courses in the curriculum along-with various activities with vigorous participation by faculties and students.

1. *Human Values*

As prescribed by AICTE , Universal Human Values (UHV) course is offered at First year as audit course and 3 credit course at Second Year of UG program which help students to develop holistic perspective based on self-exploration as human being, family, society and nature.

The institute has established a strong group under National Service Scheme (NSS) for contributing towards the society. As part of this, the college has adopted a village Jamgaon Disli approximately 35 Km from Pune, near Mulshi, for various social development activities. Students are actively implementing various activities like Tree Plantations, Blood donation camps, Biogas project, Solar projects etc. for rural development. Such activities nurture social and emotional learning.

2. *Gender Sensitivity*

National Service Scheme and Social Entrpreneurship (NSS) was offered as value added course in 2017 pattern to understand needs of society. Additionally, **"Women Empowerment Cell"(WEC)** of the institute carries out various activities aiming at enhancing the potential of women at its best. Regular health

check-ups, Self-defence workshops, inspiring women speakers, panel discussions, role-plays, gender Sensitive debates, industrial visits etc. are few activities which are appraised by stakeholders. "Katalyst" and "Leela Poonawala" Foundation scholarship was introduced which is a platform for technical and aptitude skill up-gradation. In collaboration with Tata Honeywell and ICT academy program, WEC established Center of Excellence (COE) to skill the graduating final year women students. Major focus while selecting the girls is on students from the rural and low-income family groups, building their socio-economic levels and prepares women for employment.

3. *Professional Ethics*

A course of two credits on "**Personality Development and Professional Ethics**" is offered to all the students at First year and two credit course "Soft Skills" at second year level. The courses help them to maintain dignity of their profession and inculcate moral responsibility.

A separate two credit course "**Intellectual Property Rights**" is introduced at final year to ethical practices for preserving intellectual property. The ethics is practiced regularly by means of **"iThenticate"** tool which is used for checking plagiarism for research papers, dissertations, UG projects.

4. *Environment studies and Sustainability*

A course of 2 credits "**Energy, Water Environment Sustainability**" is included as audit course at First Year for all UG programme(2018 and 2020 pattern) and as credit course(2017 pattern) at Second Year. Institute offers a separate PG program "**Water Resources and Environmental Engineering**". The awareness about the environment and sustainability issues is addressed with activities such as guest lectures and field excursions.

To support technology for different usages, institute has established **Technology Research Centre (TRC)** in Energy and Sustainable Development.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response: 0

1.3.2.1 **How many new value-added courses are added within the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
List of value added courses (Data Template)	[View Document](#)
Brochure or any other document relating to value added courses	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 0

1.3.3.1 **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
List of students enrolled	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.3.4 Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)

Response: 0.3

1.3.4.1 **Number of students undertaking field projects / internships / student projects**

Response: 15

File Description	Document
List of programs and number of students undertaking field projects / internships / student projects (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: C. Any 2 of the above

File Description	Document
Any additional information	[View Document](#)
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	[View Document](#)
URL for stakeholder feedback report	[View Document](#)
Link for Additional Information	[View Document](#)

1.4.2 The feedback system of the Institution comprises of the following :

Response: C. Feedback collected and analysed

File Description	Document
Any additional information	[View Document](#)
URL for stakeholder feedback report	[View Document](#)
Link for Additional Information	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 99.39

2.1.1.1 **Number of students admitted year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
1083	1163	1161	975	690

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

2021-22	2020-21	2019-20	2018-19	2017-18
1122	1146	1170	978	690

File Description	Document
Institutional data in prescribed format (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 93.34

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
562	536	499	375	245

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The institute has multiple evaluation mechanisms like Continuous internal evaluation (CIE), End semester examination (ESE), Skills and competency evaluation (SCE), in semester examination (ISE). Through these different mechanisms the students can be identified as per their ability to understand and apply the assimilated knowledge. There are also different means adopted for these evaluations such as quizzes, orals, presentations. Through these means learning levels of students are understood. Result analysis is done and based on the analysis slow and advanced learners are analyzed. Thus during semester, teaching learning process continuous evaluations help course teachers to identify the slow learners and advanced learners among the students. The student securing marks below 50% would be identified as Slow Learners and the student securing marks above 90% would be identified as Advanced Learners.

For slow learners, additional lectures are conducted as well as course teachers interact with them after the classes at individual level. Individual attention is provided to such students. Additional tutorial classes are arranged for them and additional studying material is also provided to the students. For slow learners prerequisites are repeated through bridge courses. We encourage them to spend more time on reading in libraries outside the class hours and also suggest them to go for group studies. Batch guardians/mentors do counselling of these students and help them to manage their studies as well as to solve their personal problems if any. Our institute has appointed one professional counselor to help the students in managing their personal problems.

Advanced learners are encouraged to work on highly challenging Projects / academic activities. Advanced learners are also encouraged to participate in the nationwide competitions such as Smart Hackathon, Robocon, TDEx, Rotaract Club VIIT and in other technical events like Perception etc. Advanced learners are motivated to go for Industry internships during semester breaks. Institute also has project based learning (PBL) through which different problem statements of a course are given to students. Fast learners are posed with some additional modifications questions in PBL. Thus advanced learners are motivated to strive for higher goals and they are provided with additional inputs for better career planning and growth.

In addition to providing individual attention to slow learners and opportunities for advanced learners, the institute also focuses on creating a conductive learning environment for all students. This includes providing access to well-equipped labs, libraries, and other resources to support their learning. The institute also encourages peer learning and collaboration among students by

promoting group studies and team-based projects. This fosters a sense of community and helps students develop essential teamwork and communication skills.

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

2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 17.7

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

2.3 Teaching- Learning Process

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

Response:

In the beginning of the semester, departments followed a practice of conducting internal faculty course planning meetings for each course lead by course coordinator where complete planning of course execution of a semester is done. Different interactive ways to make teaching learning mechanism effective are decided in this planning and accordingly for each subject Course Development Plan (CDP) is prepared by the team of course coordinator and course teachers. Usage of different ICT tools was decided well in advanced before semester begins. The use of ICT tools in the course delivery process helps to keep students engaged and interested.

Experiential learning :- Generally two courses of each semester are given Project based learning (PBL) through which students get more hands-on experience of the concepts and a deeper understanding of the concepts covered in the course. Presentations, google quizzes, seminars such mechanisms are also employed during course delivery as well as evaluations.

Participative learning :- For some topics in a course flipped classroom approach is implemented which enables students to experience different approach of learning where they first go through the study material provided to them and then they interact during a live session with the course teacher. The flipped classroom approach allows students to engage with the material before coming to class and then interact with the teacher to clarify any doubts they may have.

Problem solving methodologies :- For final year students, Institutes has a complete semester long internship where students get actual industry exposure. These experiences not only help students to

gain practical skills but also provide them with valuable networking opportunities. Moreover, research based projects, industry projects, field-works, seminars, National level Hackathons, Robocon, Constro, Entrepreneurship Development Cell (EDC), TEDx, NSS activities etc. inculcate among the students the practice and habit of participative learning and problem-solving methodologies.

Thus by using different teaching methodologies and incorporating various interactive activities, the institution ensures that students are not only gaining knowledge but also developing important skills such as critical thinking, problem-solving, and collaboration. With all these efforts, the institute confirms that students receive a high-quality education that will prepare them for their future careers.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

The use of ICT tools in education is becoming increasingly important in today's digital age. By utilizing various ICT tools, institutes can provide a more engaging and interactive learning experience for students.

In the beginning of the semester departments followed a practice of conducting internal faculty course planning meetings for each course. Usage of different ICT tools was decided well in advance before semester begins. Google classrooms, Google form assignments, Kahoot quizzes, think pair share, word press, simulations through different software platforms during lectures are some of the ICT tools being practiced by course teachers. Google Classroom is a popular platform for teachers to share course materials and assignments with students. Online assessment tools can provide teachers with instant feedback on student performance. Kahoot quizzes are a fun and interactive way for teachers to test student knowledge and engagement. The use of simulations in lectures can provide students with real-world examples and experiences to enhance their learning. Online chat and messaging tools can be used to facilitate communication between students and teachers.

NPTEL Swayam lectures were also shared with the students. Swayam lectures provide students with access to high-quality educational resources from leading institutions. The Institute has a fully integrated in-house developed platform, Vishwakarma Online Learning Platform (VOLP) that provides good interactive features where the contents can be shared and assignments and evaluations can be done with its features. In-house developed platforms like VOLP can provide customized and tailored learning experiences for students.

The library provides access to computers and online journals freely available in public domain and

also to journals subscribed on the advice of faculty and facilitates downloads. The provision of access to online journals is a valuable resource for students to conduct research and enhance their knowledge. In addition the Institute also has provided LinkedIn Learning platform for the students where different tracks of learning are provided to students. These tracks prominently feature the essential skills required by the industry in the respective domain. LinkedIn Learning is a platform that provides students with access to industry-relevant skills training. Evaluation of some software courses with the platform of Infosys spring board is provided for testing the programming skills of students.

The use of ICT tools in the course delivery process helps to keep students engaged and interested and to bridge the gap between traditional classroom learning and the digital world. By incorporating ICT tools into course delivery, institutes can help to prepare students for the changing demands of the workforce. The use of ICT tools can also help to promote lifelong learning, where students are encouraged to continue learning and developing new skills throughout their lives.

File Description	Document
Any additional information	View Document
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	View Document
Link for Additional Information	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 20.14

2.3.3.1 **Number of mentors** ?????????????? ???????

Response: 247

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll	View Document
Circulars pertaining to assigning mentors to mentees	View Document
Any additional information	View Document
Link for additional information	View Document

2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the institution

Response:

The institutional academic calendar is a critical component in the planning of academic and administrative activities within a semester. The calendar is typically created with a focus on important events such as the commencement of teaching, in-semester examinations, oral and practical weeks, and end semester dates. To ensure that the calendar is well-suited to the needs of the institution, it is discussed with all department heads and director. With the approval of Director Sir, it is presented in Academic Board meeting for approval. Once the calendar is approved by the board, it is circulated to all departments and made available on the institute's website.

With this reference departments then create their own academic calendars based on the institute's calendar. Activities outlined in the calendar are executed strictly according to the planning. The adherence to the plan is closely monitored and maintained through the use of an implementation status column. During weekly meetings of heads and directors, progress on different activities is discussed, and action is proposed to accelerate implementation. The calendar includes feedback weeks to allow students to provide input on their learning experiences.

External academic audits are conducted yearly for each department, and these activities are discussed for their effectiveness. Suggestions from auditors are taken into account for improvement. The academic calendar is also important for coordinating different departments and ensuring that they are aligned in their planning. It allows the institute to plan ahead for events and allocate resources accordingly.

By establishing a clear timeline for academic and administrative activities, the academic calendar helps to ensure that students and faculty are able to stay on track and meet their goals. It can also help to prevent conflicts and ensure that different departments are able to work together effectively. The academic calendar is an important tool for transparency and communication within the institution. It helps to ensure that everyone is on the same page and working towards the same goals. In conclusion, a well-designed academic calendar is critical for the success of an institution, and this approach appears to be effective in ensuring that activities are planned and executed in a timely and efficient manner.

File Description	Document
Upload Academic Calendar and Teaching plans for five years	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years(Data Template)	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 21.55

2.4.2.1 **Number of full time teachers with *Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit.* year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
63	48	38	30	32

File Description	Document
Institutional data in prescribed format (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 6.79

2.4.3.1 **Total experience of full-time teachers**

Response: 1909

File Description	Document
Institutional data in prescribed format	[View Document](#)
Link for Additional Information	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 33

2.5.1.1 **Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
33	33	33	33	33

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0.96

2.5.2.1 **Number of complaints/grievances about evaluation year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
26	00	60	63	27

File Description	Document
Number of complaints and total number of students appeared year wise	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management

System (EMS) of the Institution

Response:

After receiving autonomy, VIIT introduced the Continuous Internal Evaluation (CIE), a tool to monitor students' progress continuously. This component carries a weightage of 20 marks in each course's semester evaluation, and various evaluation methods such as objective tests, group presentations, quizzes, and assignments are encouraged. The CIE planning is discussed and decided before the academic session begins to ensure efficient course delivery and evaluation. The faculty members can experiment with different evaluation mechanisms to assess students' performances and suggest improvements in their thought process.

The Skills and Competency Evaluation (SCE) Component is introduced to monitor various skills of the students in respect to various emerging technologies. This component carries a weightage of 20 marks in each course's semester evaluation. Skill-based evaluation is an assessment method that measures an individual's competencies, abilities, and knowledge in a particular area or task. It is a systematic approach that helps to identify an individual's strengths and weaknesses and evaluate their performance based on specific criteria. The evaluation process can be conducted through various methods, such as written tests, practical demonstrations, simulations, certifications etc. The chosen method depends on the skill type being evaluated and the context in which they will be applied. Overall, skill-based evaluation is an effective way to assess an individual's abilities and ensure that they have the necessary skills to perform a job or task effectively.

To bring the examination reforms, the In-Semester Examination (ISE) is conducted on the online platform "EasyPariksha," which offers auto-proctoring and manual proctoring facilities. The evaluation process is completely automatic and conducted using an ERP system developed by the Vishwakarma ERP team. This component carries a weightage of 30 marks in each course's semester evaluation.

In regards to the End-Semester Examination (ESE), the question papers are designed as per Bloom's Taxonomy. Questions on each unit are designed so as to test Course Outcomes for concern unit of the course. Blooms Taxonomy level (BTL) and CO mapping is being reflected in the Question Paper. This component carries a weightage of 30 marks in each course's semester evaluation. The use of Technology-enabled digital evaluation ensures reliable and faster assessment, preventing the unchecked answers and totalling issues. The CCTV-based vigilance and disciplinary measures are in place to prevent malpractices during the examination. The QR codes are used for blind assessment of answer sheets by the evaluators. An open house is conducted after the assessment of answer sheets to ensure the transparency and accountability in the assessment. The examination is conducted in hybrid mode, with appropriate precautions. The question papers and question banks are audited to ensure their quality. A grievance redressal mechanism is also in place to address students' grievances related to the examination or result.

The institute uses **EasyPariksha** portal developed by VIerp team for conduction of online exams On/Off-Campus.

1. Exam Registration of the Students.
2. Question Bank Development with different difficulty levels.
3. Automatic Question Paper generation with randomization.
4. Platform Independent Exam portal with due measures.
5. Proctor duty assignments and monitoring of live exams.

6. Result Analysis.

The digital evaluation platform "**Easycheck"** developed by VIerp team is used for conduction of answer sheet evaluation process. The answer sheets are scanned and made available to the examiners through the easycheck platform. The controller of examination and evaluation can monitor the status of uploading process through the easycheck dashboard. The respective course evaluators are then informed by the exam cell to initiate the assessment process. The controller of examinations and evaluation monitors the progress of answer sheet evaluation and controls the overall assessment process online through the dashboard. The digital evaluation eliminates the totaling errors and also rules out the possibility of unchecked question answers This facility is Cloud Based with all appropriate security measures which enables the login based access to the evaluators.

The **ERP Examination Module** developed by VIerp team is used for various purposes as stated below:

1. Registration of students.
2. Entry of Academic Structure linked to grade card generation process.
3. Assignment of Evaluation template to the courses.
4. Result Processing.
5. Grade card generation.
6. Passing Certificate generation.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

The department delivering the relevant programme develops the Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) in strict accordance with the objectives of Outcome Based Education (OBE) and following extensive consultation with all faculty and stakeholders. Following reaching consensus, the ideas are extensively disseminated and made public using the various channels of presentation and/or communication listed below.

Website

Department Notice Boards

Laboratories

Student Induction Programs

Meetings/ Interactions with employers

Alumni meetings

Curriculum /regulations books

Class rooms

Professional Body meetings

Library

Parent meet

Faculty meetings

The HODs educate the students on POs, PSOs, and COs while addressing the group. Students are also informed, made aware of the necessity to achieve the outcomes, and stressed by the faculty members, class teachers, mentors, course coordinators, and program/ISO coordinators.

PSOs, or program-specific outcomes, are the specific competencies and accomplishments that students are expected to have at the end of the programme at the micro level. In cooperation with the course coordinators, the programme coordinators create the PSOs, which are typically two to four in number. After receiving approval from the Principal, the BOS—which includes the departmental heads and subject matter experts from each department—will discuss and approve the proposal.

Program Objectives (POs) are general statements that summarise the professional achievements the programme seeks to achieve and that students are expected to have reached by the time the programme is over. The information, abilities, and character traits that students are expected to acquire in order to graduate are incorporated into POs in a variety of interrelated areas.

Course outcomes (COs) are straightforward declarations of the fundamental and persistent discipline knowledge, the skills that students should be able to perform, and the level of learning that is expected upon passing a course. These have been communicated and are well defined. The coordinator of the course consults with concerned faculty members instructing the same course before creating the course outcomes. It will be verified by the module coordinator. Ultimately, they are reviewed and authorised in the appropriate department's BOS meeting.

The program's POs and PSOs are made available online at each department's website, which can be found at http://www.viit.ac.in/, through electronic media. The Department website, which is accessible via the college website at http://www.viit.ac.in, also publishes the COs of the courses in electronic form. Awareness of POs, PSOs, and COs is purposefully encouraged in all contacts with the students.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	**View Document**
Any additional information	**View Document**
Link for Additional Information	**View Document**

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

Each course has specific course outcomes and accompanying evaluation standards. The programme outcomes are mapped to the course outcomes in order to offer a quantitative assessment of how well the programme outcomes are met via the mapping of questions to COs and COs to POs and PSOs, the performance of the students in the exams taken during the semester for each course is used to calculate the level of attainment of the POs and PSOs. The programme coordinator collaborates with other faculty members to create CO-PO & PSO mapping for each of the program's courses.

PO attainment levels are divided in two parts:

1. **Direct Attainment** (80% weightage) - Includes CO attainment of all courses.
2. **In-direct Attainment** (20% weightage) - Includes attainment of Projects, Student Activities, Exit Survey and Internship Survey.

Individual Course Outcomes are mapped to Program Outcomes. The assessment tools used to compute CO attainment are: In semester exam (ISE), Continuous Internal Evaluation (CIE), Skills and Competency Evaluation
(SCE), and End Semester Exam (ESE).
For the theory courses :
Step 1) Set the target for every CO.
Step 2) Calculate the class average for every CO (Obtain questionwise marks of each student from Exam Dept.)
Step 3) Calculate the CO attainment and find out the gaps.
Step 4) Calculate PO attainment

For Laboratory Practice with separate course code and having continuous evaluation and PR/OR examination.

Step 1) Set up target for each CO

Step 2) Calculate the average percentage marks for each CO.

Step 3) Calculate the average percentage marks for PR/OR exam.

Step 4) Calculate the attainment as shown in table below

Assessment of Course outcomes of Lab courses

A practical course results should at the very least satisfy one or more of the specified programme outcomes. They reflect the information, skills, and values that students are able to exhibit after finishing the relevant course. For the purpose of determining CO attainment, the percentage of students who receive more than 80% on each measurable criterion is used.

Attainment of Program Outcomes and Program Specific Outcomes

All courses that contribute to the PO are recognised, and they are all evaluated through the course outcomes utilising both direct and indirect evaluations. The overall evaluations of the PO are compared to the anticipated attainment. When the desired level is reached, the PO is deemed satisfied.

The course coordinator takes the appropriate actions for improvement if the level of achievement of each CO for each course falls short of the specified targets. Faculty recommendations for improvement are made if the target criterion level is not met.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 99.34

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

Response: 1052

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 1059

File Description	Document
Upload List of Programmes and number of students passed and appeared in the final year examination(Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for the annual report	[View Document](#)
Link for additional information	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.54

File Description	Document
Upload database of all currently enrolled students	[View Document](#)
Upload any additional information	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

The institute has state-of-the-art computing facility in terms of hardware infrastructure and software setups. The computing facility is updated every year as per the requirements through the set process. As a policy Institute promote use of open source software and the institute also has licenses of emerging Data Visualization software like Tableau and PoweBi. The institute has flexible timing culture in order to promote research rigor and activities. The institute libraries and laboratories are open off the college hours especially for students to work on their research projects and assignments. The institute has deputation policies to various conferences at national and international level to promote research. The institute has its research policies:

1. Vishwakarma Research Promotion Scheme (VRPS) -For faculty members
2. Vishwakarma Student Research Promotion Scheme (VSRPS) – For students of UG and PG

The management of BRACT allocates budget every year to fund research projects to be undertaken by the faculty pursuing research in various areas. In order to promote the faculty and other members of the team including students and collaborators for taking efforts to get the work published in indexed journals, there is a **REWARD POLICY** which works as financial motivations for the faculty and students. There is **IPR POLICY** at VIIT which provide the complete funding for patenting and copyrights.Institute has its own quarterly, open access online peer reviewed JOURNAL **Vishwakarma Journal of Engineering Research - VJER** having an ISSN-2456-8465 (VJER) for research Publications.
VJER is indexed in ROAD, Google Scholar, SJTF with 200+ citations and h-index of 4 as of now. Every year an international conference **"VISHWACON"** is organised to develop and motivate the research culture. Institute has various **Center of Excellences / sponsored labs** and the objectives of these COEs is to collaborate with the allied industries to initiate research project , faculty development program for students and faculties. These COEs are set up by Atlas COPCO, Rubiscape, Cisco Network Academy and Honeywell.

In addition to this, Institute has **technology research centers** in Agriculture, Healthcare and Life Sciences and Energy and Sustainable Development. Institute also provides **concession in PhD course fee** for internal candidate as a token of encouragement and appreciation. Institute also has iThenticate Plagiarism checker as well as access of electronic gateway to global e journal platforms like IEEE,ASPP,POP,Springerlink, JGate and IEEE ASPP.

Institute follows very **comprehensive and transparent 360 degree performance appraisal system** where the more weightage is given to the research and development activities and there are different awards every year especially for the contributions in research related activities like publications, consultancy, funded projects etc.

Every final year student has two modules academic module and **internship module** each of six month. In

internship module, students have to complete one project either in industry or they work on research project under the mentorship of faculty. Every semester, students also have to complete one **mini project** on any two subjects of their choice using problem based learning pedagogy. These two components help students and faculty to come inculcate the research rigor and results in to the project-based learning and publications.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View Document](#)
Any additional information	[View Document](#)
URL of Policy document on promotion of research uploaded on website	[View Document](#)

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 0

3.1.2.1 **The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Minutes of the relevant bodies of the Institution	[View Document](#)
List of teachers receiving grant and details of grant received	[View Document](#)
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View Document](#)
Any additional information	[View Document](#)

3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

Response: 0

3.1.3.1 The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
List of teachers and their international fellowship details	[View Document]
e-copies of the award letters of the teachers	[View Document]
Any additional information	[View Document]

3.2 Resource Mobilization for Research

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

Response: 65.66

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

2021-22	2020-21	2019-20	2018-19	2017-18
18	2.30	1.066	31.35	12.94

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

3.2.2 Percentage of teachers having research projects during the last five years

Response: 1.54

3.2.2.1 **Number of teachers having research projects during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
2	3	2	7	1

File Description	Document
Names of teachers having research projects	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

3.2.3 Percentage of teachers recognised as research guides

Response: 8.54

3.2.3.1 **Number of teachers recognized as research guides**

Response: 24

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

Response: 53.33

3.2.4.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
2	2	4	3	3

3.2.4.2 **Number of departments offering academic programes**

2021-22	2020-21	2019-20	2018-19	2017-18
6	6	5	5	5

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
Any additional information	[View Document](#)
Paste link to funding agency website	[View Document](#)

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.

Response:

Institution has created a strong ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, technology research centers, entrepreneurship, community orientation, incubation and technology transfer.

The institute has established the **Institute Innovation Cell (IIC)**, initiated by the Ministry of Education in the academic year 2018-19 to promote Entrepreneurship and Innovation in the college. The Ministry of Education's Innovation Cell Established an **'Innovation cell'** with a purpose of systematically fostering the culture of Innovation in all Higher Education Institutions (HEIs) across the country. Major Focus of this cell is to create a vibrant local innovation ecosystem, develop mechanisms for supporting startups, develop better Cognitive ability for technology, students and establish a functional ecosystem for scouting Ideas and pre-incubation of Ideas. The institute has developed a complete ecosystem to boost the start-ups and innovators by developing an in-house incubation and linkage center certified by SPPU as well as a memorandum of understanding with BHAU institute. Every year institute performance is also evaluated by the Ministry of Education and AICTE. In the year 2021-22, our institute has secured 4 starts for developing and initiating a good ecosystem for start-ups as well as innovation related to real time application. Recently, VIIT has inaugurated Start-up for Research in Operational Technologies (SROT) in India along with Vishwakarma Incubation and Innovation Research Park (VIIR) in association with ministry of defence. The key achievements are in Smart India Hackathon, Team Agastya Won 1st Prize of Rs. 1 Lakh and Special Prize of Rs. 25K Won by Team ENIGMATIC CIPHERERS

Institute has an **Entrepreneurship Development Cell** is a well-established student organization which was formed with the intention to enhance and encourage the entrepreneurial spirit among the young students and the aim is to create more job providers rather than job seekers.

Vishwapreneur is a National Level Entrepreneurial Summit showcasing entrepreneurs, creators and

innovative minds of our century that had the courage to think out of the box. Vishwapreneur formulated in order to bring together entrepreneurs, investors, mentors and other successful industrialists on the same platform to gain the first-hand experience from individuals who are already excelling in their fields. The national level E-summit was organized on 8th and 9th of February, 2020 at Ganesh Kala KridaManch, Pune.

Institute has various **Center of Excellences / sponsored labs** and the objectives of these COEs is to collaborate with the allied industries to initiate research project, faculty development program for students and faculties. These COEs are set up by Atlas COPCO, Rubiscape, Cisco Network Academy and Honeywell.

The VIIT team has made significant contributions in terms of **technology transfer** where the team has developed an Android application for flood forecasting model. This model has been tested and validated in the Krishna river base of Maharashtra and handed over to the Government of Maharashtra and they are currently using them for the benefit of various stakeholders. The model is currently in onsite validation process at Iriwin and Ankali bridge.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 41

3.3.2.1 **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
19	14	2	3	3

File Description	Document
Report of the event	[View Document](#)
List of workshops/seminars during last 5 years	[View Document](#)
Any additional information	[View Document](#)

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: C. 2 of the above

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

3.4.2 Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/ supervisors provided at 3.2.3 metric) during the last five years

Response: 3.17

3.4.2.1 How many Ph.Ds are registered within last 5 years

Response: 76

3.4.2.2 Number of teachers recognized as guides during the last five years

Response: 24

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	[View Document](#)
URL to the research page on HEI web site	[View Document](#)

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

Response: 0.16

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

2021-22	2020-21	2019-20	2018-19	2017-18
12	7	10	0	2

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

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last five years

Response: 0.23

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

2021-22	2020-21	2019-20	2018-19	2017-18
8	11	9	15	2

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

3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 3.26

File Description	Document
Bibliometrics of the publications during the last five years	View Document
Any additional information	View Document

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 16.5

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	**View Document**
Any additional information	**View Document**

3.5 Consultancy

3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 0

3.5.1.1 **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
List of consultants and revenue generated by them	**View Document**
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	**View Document**
Any additional information	**View Document**

3.5.2 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

Response: 20.22

3.5.2.1 **Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
2.7568	14.8642	0	0.475	2.125

File Description	Document
List of training programmes, teachers and staff trained for undertaking consultancy	[View Document](#)
List of facilities and staff available for undertaking consultancy	[View Document](#)
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	[View Document](#)
Any additional information	[View Document](#)

3.6 Extension Activities

3.6.1 Extension activities are carried out in the neighbourhood community, sensitising students to social issues, for their holistic development, and impact thereof during the last five years

Response:

The Institute has created a strong ecosystem for innovation and knowledge transfer, supported by dedicated centers for research, entrepreneurship, community orientation, incubation, and technology transfer. The institute's efforts to promote entrepreneurship and innovation have been recognized by the Ministry of Education, which established the **Institute Innovation Cell (IIC)** in 2018-19 to systematically foster the culture of innovation in all higher education institutions across the country. The IIC's major focus is to create and develop mechanisms for supporting startups, enhance cognitive abilities for technology students, and establish a functional ecosystem for scouting and pre-incubation of ideas.

VIIT has developed a complete ecosystem to boost startups and innovators by establishing an in-house incubation and linkage center certified by SPPU and a memorandum of understanding with **BHAU institute.** The institute's performance is evaluated annually by the Ministry of Education and AICTE, and in 2021-22, VIIT secured 4 starts for developing and initiating a good ecosystem for startups as well as innovation related to real-time application.

VIIT's commitment to contributing to society is evident through its strong group under the **National Service Scheme (NSS),** which was established at VIIT in 2008 with the strong support of 35 students. As part of this, the college has adopted a village Jamgaon Disli approximately 35 Km from Pune, near Mulshi, for various social development activities. Under Unnat Bharat Abhiyan program, the institute has also adopted four more villages- Male, Mulshi, Sambhave, and Valane for their development. As a result of the efforts taken by VIIT students, the village Jamgaon has acquired the status of NIRMAL GRAM in January 2010, and the primary school in Jamgaon has received ISO certification. The NSS unit of VIIT has also received many awards, such as Best Program Officer, Best NSS Volunteer in the year 2012.

VIIT's NSS unit conducts various activities throughout the year, including a tree plantation program, blood donation twice a year, guest lectures, and seminars on topics such as yoga and meditation, motivational lectures, educational activities at Jamgaon, road safety Abhiyan, an eight-day residential camp, toilet

construction, biogas projects, village activities, solar energy projects, digital classrooms at Jamgaon and Mulshi, a ferro cement water tank at Valane, a water purifier at Mulshi, and webinars on national education policy, mental health awareness, and spreading science instead of the virus. The NSS unit also conducts Pad Peti for Every Beti, which involves collecting and distributing sanitary pads in NSS-UBA adopted villages, and Swachh Bharat Abhiyan.VIIT has established a robust ecosystem for innovation and knowledge transfer, with dedicated centers for research, entrepreneurship, community orientation, incubation, and technology transfer. The institute's efforts to promote entrepreneurship and innovation have been recognized by the Ministry of Education, and the NSS unit's commitment to contributing to society is exemplary. VIIT's dedication to these initiatives is commendable, and it is a testament to its commitment to developing well-rounded individuals who are not only equipped. VIIT has also carried out remarkable activities and contributions under the scheme UNNAT BHARAT ABHIYAN for nearby villages.

File Description	Document
Upload Any additional information	View Document
Paste link for additional information	View Document

3.6.2 Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years

Response: 0

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

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

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 27

3.6.3.1 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
6	6	6	6	3

File Description	Document
Reports of the event organized	[View Document](#)
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	[View Document](#)
Any additional information	[View Document](#)

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 11.48

3.6.4.1 **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
500	500	500	500	300

File Description	Document
Reports of the event	[View Document](#)
Average percentage of students participating in extension activities with Govt or NGO etc	[View Document](#)
Any additional information	[View Document](#)

3.7 Collaboration

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Response: 58.2

3.7.1.1 Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

2021-22	2020-21	2019-20	2018-19	2017-18
100	100	41	30	20

File Description	Document
Number of Collaborative activities for research, faculty etc	[View Document](#)
Copies of collaboration	[View Document](#)
Any additional information	[View Document](#)

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

Response: 15

3.7.2.1 Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3	3	3	3	3

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	[View Document](#)
Details of functional MoUs with institutions of national, international importance, other Institutions etc during the last five years	[View Document](#)
Any additional information	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

The Institute is spread over a campus area admeasuring 5.67 acres. **The Institute has all the infrastructure required for effective conduct of teaching-learning process, co-currricular activities and extra-curricular activities and also fulfils the norms laid by AICTE, DTE and SPPU. The total built up area of 20984 square meter is available on the campus.**

Physical infrastructure consists of **57 classrooms (UG and PG), 16 Tutorial Rooms, 65 laboratories (UG and PG) and 01 Seminar Hall**. Two Language Laboratories are set up with state-of-the-art audio-visual equipment to help imparting language skills. In addition to this, for Mechanical Engineering and Civil Engineering branches, additional workshop admeasuring 200 square meter is also provided. The Institute has adequate faculty rooms, HOD and Deans' cabin, Training and Placement Office, Gymkhana, Central Stores, Maintenance and Security Rooms. Owing to the requirement of an Autonomous Institute, a separate Examination Control Room around 90 square meter is provided. **All the classrooms are equipped with LCD/Wi-Fi and LAN facilities**. The laboratories are provided with state of the art equipment. Some laboratory setups are sponsored by industries. **The Institute has a rooftop solar system of 120 kW capacity generating 30-35% of total electricity consumption. The Fire Fighting System in the form of fire extinguishers and water type sprinkler is installed in the campus. The fire extinguishers are provided at every floor and for sensitive laboratories like Environmental Engineering and Engineering Chemistry.**

The institute provides **1537 computers of P-IV and above configuration and 25 laptops to fulfil various academic and administrative needs**. **Student-computer ratio is 3:1**. **There are 4 servers, UPS of different capacity, 140 printers, 58 LCD, and 10 scanners. In the software section there are 42 legal application software and 6 legal system software**. Open-source software are also being used by the faculty as and when there are curricular requirements. **1 GBPS of Internet bandwidth and 25 secured Wi-Fi connectivity access points are provided in the campus. The security of the campus is ensured with installation of 338 CCTV cameras at strategic locations.**

Enterprise Resource Planning (ERP) is deployed for effective academic planning, execution, monitoring and analysis. ERP software is used for automation of academic and administrative processes carried out in the institute, to maintain and analyse the data related to various processes of the Institute.

Central library is provided with state-of-art facilities. The library houses a Digital Library in its premises where students and staff members can browse varied databases as well as institutional repository. The Reprographics section is also housed in the library.

Central workshop of built up area of 400 square meter provides hands on training to the students. All basic and advanced manufacturing facilities including CNC machines are available to enhance the skill of students.

File Description	Document
Upload Any additional information	[View Document](#)
Paste link for additional information	[View Document](#)	

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

Response:

The institute has always supported the co-curricular and extra-curricular activities of the students. Overall development of the students is ensured in the institute by providing a healthy environment for sports and cultural activities. Sufficient space is allocated for sports, Gymnasium, cultural and social activities keeping a balance of curricular, co-curricular and extra-curricular activities.

Outdoor Facilities available in the institute:

Volleyball Court • Kho-Kho Ground • Handball ground • Kabaddi Ground • Cricket Practice Net

Indoor Facilities

Table Tennis • Carom • Chess • Boxing

The equipment available for the students are as follows:

Indoor Sports: Boxing Gloves and bag, Coin Set for carrom and Chess Set, Squash Racket

Outdoor Sports:

Athletics- Equipment for Shot-put, Discuss Throw, Javelin Throw, Starting Block, Hurdles, Hammer Throw

Cricket Bat, Ball, Helmet, Leg pad, Cricket Kit, Archary Bow, Arrow and Arrow Stand, target Boss and Taget Face

There is an open ground with the area of about 1500 square meter utilized for conducting various cultural and extracurricular activities.

Every year, the sports department celebrate Yoga Day on 21 st June, National Sports Day on 29th August along with Independance Day 15th August and Republic day 26th January every year.

The students participate in the following sports events every year at National Level, State Level and University Level:

Cricket, Football, Basket Ball, Handball, Chess, Carrom,Table Tennnis, Kho-Kho, Kabaddi, Athletics, Badminton, Hockey, Boxing, Judo, Body Building, Squash Racket, Lawn Tennis, Archary, Wrestling, Weight Lifting, Power Lifting.

Annual Sports for all the students and staff is organised every year in the month of December. The awards in the form of Medals, Trophy and Certificates are given to winners of annual sports, Best Player of the year, participants or winners of University Level, Zonal level and National Level sport events. Best Sportsman of the Year award is also instituted for the students.

During the pendemic situation, a one week course on Physical Fittness and Yoga was arranged for the faculty, staff and the students of Vishwakarma Group. More than 300 participants attended the course.

Cultural cell is active in nurturing students' hobbies of various arts like music, dancing, drama, and photography through different cultural and student centric activities. With these facilities, students have achieved various awards in different competitions.

The students participate in various cultural and sports activities and competitions at university, state, national, international level to showcase their talent through such events.

Apart from the participation at various sports and cultural events, the Institute organises following activities every year:

- **Annual Social Gathering- GANDHARVA**
- **State Level Inter Collegiate Technical Competition: PERCEPTION**
- **International Conference- VishwaCon**
- **NSS camp at Jamgaon (adopted Village)**

File Description	Document
Upload any additional information	[View Document](#)
Geotagged pictures	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 100

4.1.3.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 58

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 11.38

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
732.29	539.86	205.62	80.05	52.71

File Description	Document
Upload audited utilization statements	[View Document](#)
Link for any additional information	[View Document](#)

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Library Automation is done with Computers, Library Management Software, Barcode Scanner, Barcode Printer, Laser Printer, Flatbed scanner, Computer networking etc. It was initiated in 2006 by purchasing library management software SLIM21. The book issue/return service is started after retrospective conversion, using slim software. The service was initiated on trial and error basis so the manual record was not discarded at the beginning. Issue return cards were maintained for each user as well as a separate book card was also used in each book to maintain the record of issue/ return for that particular book. At the initial stage, a record of utilization is kept in soft copy as well as in hard copy for one academic year only. Issue / Return service is fully computerized from next Academic year. Barcodes for books were generated using Slim21. User Identification number was also barcoded. This reduces issue/return time on Counter

 Next step was automation of Book purchase & Journal subscription processes. In book purchase process, most of the jobs like verifying book requisition, generating a purchase order, receiving a purchase order, processing of books and assigning accession number etc. were done with the help of Slim21. This helped to reduce the time gap between requirement of book and making it available on the counter for issue returned service. In case of Journals, Subscription record and management of journal issues were performed by using Library software and all manual records were discarded. All Journal subscription reports are now generated through Slim21. Library has collection of CDs/DVDs, Reference books, Conference Proceedings, Standards etc. and management of all these resources is done using Slim21.

Online catalogue of Library is accessible throughout the campus as well as from outside of the

campus. Availability of Library Resources can be checked from the catalogue i.e. OPAC. Subscribed e-resources and Open Access resources are linked to OPAC so users can view them from Campus as well as from home. It includes IEEE ASPP, J-Gate, DELNET, NDLI, SWAYAM, eGyankosh, eKumbh, DOAB, DOAJ etc. Users can access e-books, e-journals, journal articles, book chapters, Audio, Video, PPTs, and Notes etc. through these resources. Syllabus copies and Old question papers are also linked to OPAC for users.

User training are planned regularly to make users aware about the Library facility where they are informed about all Library Resources and services.

File Description	Document
Upload any additional information	View Document
Paste Link for additional information	View Document

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: B. Any 3 of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Details of subscriptions like e-journals, e-books , e-ShodhSindhu, Shodhganga Membership etc	View Document

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 0

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Details of annual expenditure for purchase of and subscription to journals/e-journals during the last five years	[View Document](#)
Audited statements of accounts	[View Document](#)

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 2.23

4.2.4.1 **Number of teachers and students using library per day over last one year**

Response: 117

File Description	Document
Details of library usage by teachers and students	[View Document](#)
Any additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1 *Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities*

Response:

In the era of modern communications, the internet communication is very vital for the students as well as the faculty members. The Institute has a strong IT facilities and it strives for providing the best possible infrastructure to the students and faculty members. **The IT related facilities are continuously updated. Our classrooms are equipped with LCD projectors and supported by audio-visual systems. The entire campus is monitored by CCTV cameras installed at strategic places.**

Internet connection is made available to all faculty members at their respective locations. All HODs and Deans are provided with Laptops for administrative work.

The institute has a massive network of 1537 computers with 1 GBPS optic fibre connectivity and wi-fi facility with public and private connectivity. Centralised firewall Cyber-Roam is used for network monitoring, management and internet security. Three layer switching LAN is available for the entire campus.

Four servers are available for smooth conduct of various activities such as online examination, webinars and workshops.

Enterprise Resource Planning (ERP) is deployed for effective academic planning, execution,

monitoring and analysis. ERP software is used for automation of academic and administrative processes carried out in the institute to maintain and analyse the data related to various processes of the Institute.

The institute has a separate centralised maintenance system in order to support the IT infrastructure.

Institute has a yearly budget allocation for updating IT facilities. This budget is prepared as per the requirement of the various departments and central facilities (like internet broadband, Firewall Protection, Antivirus etc.) of the institute. Some policies are defined for internet access through firewall protection by system department.

Systems department is given the responsibility of running the institute's intranet and internet services. Systems Department is running the firewall security, DHCP, DNS, emails, web and application servers and managing the network of the institute.

The objectives of IT policy are

To provide all required IT resources as per the academic programs laid down by AICTE. Also, introduce new IT technologies which will benefit students and research staff.

To effectively have an annual plan of introducing new technologies in line with academia.

Create provision of priority upgradation of products.

Create provisions of annual maintenance expenses to ensure maximum uptime of the products

Plan and invest for redundancy at all levels

To ensure that the products are updated and catered 24 X 7 in campus or as per the policy lay down by college Management

Leveraging Information Technology as a tools for socio-economical development of the Institute.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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

Response: 3.24

File Description	Document
Upload any additional information	[View Document](#)
Student - computer ratio	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution.

Response: ?50 MBPS

File Description	Document
Upload any additional information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.3.4 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

Response: C. 2 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Link for Additional information	[View Document](#)

4.4 Maintenance of Campus Infrastructure

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

Response: 0

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	[View Document](#)
Audited statements of accounts	[View Document](#)

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

Response:

There are clearly defined policies for various activities for the development of the faculty members, students and campus. Repairs, maintenance and upkeep of physical infrastructure, support facilities and the Institute Campus are undertaken through our workshop and campus manager regularly and whenever required as per the processes and forms in the Institute's Quality Management System (QMS).

Maintenance of laboratory equipment is done before the start and at the end of each Semester. There are annual maintenance contracts (AMCs) for various systems in the campus. Annual Maintenance Contract is given for electric lift, water coolers & purifiers, generator set and telephone (EPBAX system) . Housekeeping of the campus is done by agency appointed on annual contract. All the cleanliness and up keeping of the campus is done by housekeeping contractor as per the given schedule. The electrical maintenance team look after all the electrical maintenance of the campus. The team of Systems department looks after all the computer hardware and software related maintenance in the campus. This team does the maintenance and recording of CCTV cameras installed at strategic locations in the campus.

Maintenance and up keeping of library infrastructure is done through central system working under Registrar.

The equipment and machineries in the laboratory/workshop are maintained by well-trained technical staff of the department. Under special circumstances, the equipment are maintained by external competent agencies.

As a part of the process of maintenance of equipment:

Lab in charge, with the help of Lab Assistant / Technical Assistant of the laboratory, checks all the equipments / instruments in possession of the concerned laboratory for proper functioning before the start of every semester. Record of the same is maintained as per Form No. APF 6.1. In case the equipments / instruments is found beyond repairs at the institute level, the same is sent for repairs by lab in charge through HOD.

In case, equipment's /instruments are on dead stock register are beyond repairs (either at Institute level or at external agency) or not in use for a period more than five years, procedure can be initiated by lab assistant along with laboratory in charge in consultation with HOD. The measuring equipment/Instruments are verified prior to use during conduction of practical/examination against measurement standards provided by manufacturer.

For electrical maintenance and Diesel generator back up, the following procedure is adopted:

In-charge electrical maintenance, Technical Assistant (Electrical) & Electrician are assigned the duties of Generator Supervisor and Generator Operator respectively.

Working records of Generator are maintained in Generator Usage Register by operator and checked by Supervisor. Routine checks are carried out as per Operation & Maintenance Manual as supplied by the manufacturer. For electrical back up requirement on working days, HOD/ Section Heads are authorized to instruct Generator Supervisor. Whenever Generator Back Up is required during holidays, HOD/ Section Head, Director shall send office note at least one day in advance to
i. Generator Supervisor.
ii. In-charge Electrical Maintenance

Diesel is arranged by filling advance form with the approval of Dean (Administration) and Director. Accordingly, Diesel Consumption Register is
maintained. In case of breakdown, help is taken from AMC contractor and visit record is maintained. Monthly report goes to In-charge electrical maintenance or he signs maintained registers every month. For electrical maintenance, HOD/ Section Head/ Principal communicate to In-charge
electrical maintenance, by using Infrastructure Maintenance Form. CPF 13.2).

The following process is designed for Estate and Maintainance Cell:

1) HOUSE KEEPING SERVICES

House Keeping agency is appointed by the Trust. The House Keeping staff is deployed at the required locations / buildings. These staff will clean and maintain the toilets blocks and water coolers and any additional location as assigned by the Campus Manager. Departmental House Keeping Coordinators appointed / assigned by HoD, ensures the cleaning of the department toilets and surroundings. Daily record is maintained by department House Keeping coordinators in CPF 13.4 & fifteen days report will be submitted to Campus Manager through Head of Department. After review of the system / mechanism within six months, the frequency of submission of report will be made month wise. Departmental House Keeping coordinator also ensures the cleanliness of classroom, laboratories, offices, passages, stair-cases and other area through assigned Class IV employees as per the allocation and maintain the daily record in CPF 13.5 & fifteen days report will be submitted to Campus Manager through Head of Department. After review of the system / mechanism within six months, the frequency of submission of report will be made month wise. Frequent visits / checks of cleanliness will be made by the Campus Manager or higher authority. Departmental House Keeping Coordinator also ensures / checks fire extinguisher (for expiry date, pressure, etc.) and first-aid box (contents as per the list along with the expiry dates of medicines) and inform to the Campus Manager. Purchase / supply and record of medicines for First-Aid Box are maintained by Campus Manager.

2) CIVIL & INFRASTRUCTURAL MAINTENANCE

This includes building related repair and maintenance work, minor civil works in campus, maintenance of water coolers, aqua guards, plumbing works. Campus Manager verifies the requirement given by HOD's / Section Heads (as per CPF - 13.2) and acquires proper approval from Dean Admin. or Director. Campus Manager ensures proper supply of drinking water and usable water from the source (PMC/ Supplier) as well as disposal of waste water system in all the buildings of the Institute. Cleaning of water tanks and testing of drinking water is carried out every six months

and reports are maintained by the Campus Manager.

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File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

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

Response: 5.31

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2021-22	2020-21	2019-20	2018-19	2017-18
171	132	204	123	359

File Description	Document
upload self attested letter with the list of students sanctioned scholarships	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution and non-government agencies during the last five years

Response: 5.31

5.1.2.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2021-22	2020-21	2019-20	2018-19	2017-18
171	132	204	123	359

File Description	Document
Upload any additional information	[View Document](#)
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)

5.1.3 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. Awareness of trends in technology

Response: D. 1 of the above

File Description	Document
Details of capability enhancement and development schemes	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)	

5.1.4 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 96.24

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

2021-22	2020-21	2019-20	2018-19	2017-18
4878	4456	3811	3341	2956

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	[View Document](#)
Any additional information	[View Document](#)

5.1.5 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: C. 2 of the above

File Description	Document
Upload any additional information	[View Document](#)
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)
Details of student grievances including sexual harassment and ragging cases	[View Document](#)

5.2 Student Progression

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

Response: 0

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Upload any additional information	[View Document](#)
Self attested list of students placed	[View Document](#)
Details of student placement during the last five years	[View Document](#)

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

Response: 5.04

5.2.2.1 **Number of outgoing student progressing to higher education.**

Response: 53

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 2.03

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

2021-22	2020-21	2019-20	2018-19	2017-18
19	14	18	17	19

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
1052	939	908	814	680

File Description	Document
Upload supporting data for student/alumni	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

5.3 Student Participation and Activities

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

Response: 0

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/ cultural activities at inter-university / state / national / international level during the last five years	[View Document](#)
e-copies of award letters and certificates	[View Document](#)
Any additional information	[View Document](#)

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

Response:

The Student Council of the institute plays a vital role in the all-round development of students by organizing various academic, co-curricular, and extracurricular events throughout the year in association with the University and other organizations. The Council comprises elected student representatives from various departments and committees responsible for different functions and events.The institution has various committees, including the Cultural Committee, Sports Committee, and Magazine Committee, which organize several events and competitions to encourage student participation and showcase their talent. The Cultural Committee organizes "Gandharv" an annual social gathering that showcases the cultural talent of students. The Sports Committee organizes various sports events at the local, state, and national levels and interdepartmental sports events. The Magazine Committee publishes an annual magazine, in which students express their talent through articles, poetry, and interviews of eminent personalities.

. All the activities are geared towards the holistic development of the students.

In addition, every department has an active Student Chapter associated with various professional societies such as the Institution of Engineers, India (IEI), Computer Society India (CSI), Indian Society of Technical Education (ISTE), Association for Computing Machinery (ACM),Institute of Electrical and Electronics Engineer (IEEE), and These chapters conduct various programs such as expert lectures, industrial visits, and national/international conferences every year.

The institute encourages student participation in events and competitions organized by other institutions as well. Over the last five years, the students of the institution have participated in an average of several sports and cultural events/competitions organized by the institution and other institutions. The Student Council also includes committees such as The Committees include Departmental, Technical, Cultural, Sports and Social which includes NSS (National Service Scheme), EDC (Entrepreneur Development Cell), I2IC (Industry Institute Interaction Cell),SARC(Student Alumni Relation cell)and CEC (Competitive Exam Cell). The role of Committees is primarily to ensure smooth functioning of all eventsand activities conducted during the academic year. The committees ensure maximum involvement and engagement of students in the institute, Canteen committee , Board of management representative and college development committee , constitution has been defined as per maharshtra university act 2016 ,clause 97 . Canteen committee is formed to assess the quality of food . It is formed to evaluate services offered by canteen . Periodic inspection is to be carried by members of the committee and report to be maintained in registered form .

File Description	Document
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 7.6

5.3.3.1 **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
9	6	13	5	5

File Description	Document
Upload any additional information	[View Document](#)
Report of the event	[View Document](#)
Number of sports and cultural events / competitions organised per year	[View Document](#)

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

VIIT Alumni Association is an organization that was registered under the Mumbai Societies Registration Act of 1950. The association operates under the name VIIT Alumni Association, Pune, and was registered on September 18th, 2007, with the registration number F30342(P).

The VIIT Alumni Association engages in a number of activities aimed at promoting the development of the VIIT community, as well as supporting the academic and professional pursuits of its members. Some of the main activities of the association include the organization of global alumni meetings, lecture series, alumni library, scholarships for students and research work, alumni management software, placement assistance, syllabus framing, coffee with alumni, incubation centre and start-up support, and the Best Outgoing Students Award.

The **Global Alumni Meeting** is an event organized by the association to reconnect alumni with professors and current students. The meeting is held on campus and is an opportunity for alumni to network and share their experiences with each other. The association has also established an alumni chapter in the USA.

The lecture series is another initiative of the association aimed at keeping alumni connected with the college. The association invites alumni to deliver lectures on specific topics to guide and inspire students.

The Alumni Library is open to alumni and is funded by donations from alumni. The library provides access to competitive examination and other books that are useful for current students.

The association also provides scholarships to economically weak students and raises funds from alumni to support research work. Alumni sponsor various technical events organized by departments and provide sponsorship for student competitions.

The **Alumni Management Software** is a platform developed by the association to track alumni and facilitate communication with them. The software has been designed and launched with the help of vaave.com. The platform has been successful, with over 8000 registrations from alumni.

In response to the COVID-19 pandemic, the association conducted **online pre-placement talks** for final and prefinal year students. Through the alumni network, students benefit from internships and placements, and the association has conducted mock interview drives for prefinal year students to help them improve their interview skills. Alumni post various job openings on the Alumni Portal.

Many alumni are members of the Industry Advisory Board and Departmental Board of Study, where they provide input and suggestions while framing the syllabus and academic structure. The association also hosts **Coffee with Alumni events**, where alumni mentor and guide students on various topics, including the selection of companies, current technology, preparation for higher education, resume building, industry recruitment processes, and soft skills.The association has also provided funding for an Incubation Centre, which provides facilities for current students and alumni to pursue their start-up ideas. The **Best Outgoing Students Award** is an initiative of the association that recognizes the excellence of students in the fields of academics, sports, cultural and social activities.VIIT Alumni Association has created a strong network of alumni who are actively engaged in the development of the institution and its students.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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

Response: B. 10 Lakhs - 15 Lakhs

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

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

Vishwakarma Institute of Information Technology (VIIT) an autonomous and NBA accredited Institute state vision and Mission:

Vision

• Excellence in Technical Education with Holistic Development

Mission

• To make the industry ready graduating engineers with high human values

• To Impart technical, social, innovative, and entrepreneurial skills of the highest standards.

• To prepare passing graduates for higher studies and high-quality research

VIIT believes in achieving Excellence in Technical Education and holds high regards towards human values and transparent procedures and processes through able contribution of statutory bodies like Board of Management (BOM) (under Bansilal Ramnath Agarwal charitable Trust), Academic Board, Academic Advisory Board, Board of Subjects, Finance and Planning and College Development Committee. BOM indulge into strategic decision making, policy decision making for excellence in academics, financial planning, research and development, enhancing placements, employee welfare policies and align their decisions so that the students can be Industry ready and/or ready for future studies. BOM meeting is conducted twice in year to take strategic decisions, review the performance, and contribute to overall growth. The decisions in BOM meeting are conveyed through the Director to Deans and Heads, Library, Placement cell and further to Faculty, Non-Teaching staff and all stakeholders.

Academic excellence is achieved through innovative teaching learning process Along with core courses taught in each branch, students are also supported by including courses as Human Values, Skill developments, Mini projects etc., in curriculum.

Everyday operations are implemented and supervised by internal stakeholders: Director, Deans, Heads, faculty and non-teaching staff and students. Institute and Academic calendar for each semester lists all circular and co-circular activities which are in line with vision and mission and monitoring of the same by Heads and Academic board is ensured. Meeting of Heads and Deans once a week, department meeting twicw a week are held to take a review of planned and completed activities and discuss development agenda. Faculty brainstorming sessions are held regularly for development in academics, Industry interaction and Placements. Financial and Academic Authority is delegated at every level of hierarchy and employees are empowered to take decisions.

Research and Development cell encourages and supports students and faculty with financial support for research, filing for patents etc. 5 centres of Excellence and Incubation centres in thrust areas are feather on VIIT's Cap. 102 MOU's, with industry and academic institutions provide a global perspective to students and faculty.

Training and Placement strive for maximum placement through organising talks, aptitude exams etc. Semester wide internship is provided to final year students so they can cater to industry needs and gear up for challenges.

IQAC Cell meet quarterly to discuss issues related to development of Institute thereby helping decision-making process through action plans.

National Service Scheme, work towards inculcating human values in students and has adopted 3 Villages along with Unnat Bharat Abhiyan. Director of Physical education and Director student Affairs contribute towards technical non-technical development of students through Entrepreneurship development cell, Perception etc.

Coordinators of various committees ensures planning and effective execution of activities to achieve the vision and mission.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

Vishwakarma Institute of Information Technology believes in effective leadership, effective governance, and decentralization. BOM (under Bansilal Ramnath Agarwal charitable Trust) is constituted as UGC/AICTE norms, meet twice a year for Planning and direction for Implementation of Strategic decisions, reviews from stake holders, financial planning and framing of appropriate rules and regulations. Academic activities review and action plan etc. are the implemented.

Academic Board: Meet twice a year, deals with academic strategy implementation and brainstorming for development quality of teaching, frame rules for conduct of examinations, rules of student evaluation etc.

Board of subjects: Meets twice a year, plans and decisions from academic council are conveyed to HOD chaired BOS. Objective is to prepare/ discuss syllabi for various courses, new teaching methods etc.

College Development Committee: Meet twice a year discusses recruitment matters, teaching methods/methodologies, recommendations to management, active participation in Budgetary provisions etc.

Board of Examination: indulges in planning for effective conduction of examinations and framing rules. Meet twice a year.

Finance and Accounts Committee: Budgetary planning, effective utilization of budget and periodic review of effective utilization. Rules and regulations regarding recruitment and promotions, increments etc. are done in the meet twice a year.

Management representatives, Director, Heads and Deans, Alumina, parents etc. are the part of above committees.

MOM of all the above stated bodies is circulated along with action taken report.

Decisions taken in BOM meeting are passed to Academic Board and further in Head meeting along with Deans, Library, Training and Placement officer, chaired by Director. With meetings every week, review of activities and discussion on implementation strategies for decisions/plans. Information now is transferred to Teaching and non-teaching through Department meetings. Thus chain of command is maintained and the decentralization and participation are ensured. Stakeholders internal and external are part of various decision-making administrative bodies which provides details of policies, procedures, rules, benefits etc. thus promoting transparency in the organization.

In teaching learning process a course coordinator conducts regular meetings of faculty involved in the course to plan teaching and lab sessions, exam related, visits etc. as per academic calendar and Institutional calendar. Academic monitoring is done every month and is discussed in HOD's meetings and actions are planned. Mentor scheme is also part of process. Feedback Mechanism: collects faculty feedback twice a semester. The feedback is communicated to the faculty concerned through HOD for improvements as desired.

IQAC conducts Internal Academic Audit (IAA) at the end of each semester. Academic development and CO-PO attainment is thoroughly checked and reviewed and appropriate actions are suggested further.

Dissimilation of information through important notices, advertisements, rules etc. is done on Website along with email. Parent-Teacher meetings and Newsletter are also part of information. Enterprise Resource Planning adopted by VIIT for dissemination of information regarding Office Accounts, Student Section & Establishment Section etc.

Grievance redressal mechanism and related student committees work towards student and faculty issues.

ISO:2100: 2018 processes are followed and audit for the same is conducted twice a year and non-conformities are closed through appropriate actions.

File Description	Document
Any additional informatiom	**View Document**
Link for strategic plan and deployment documents on the website	**View Document**
Link for additional information	**View Document**

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Vishwakarma Institute of Information Technology was confirmed the autonomous status from A.Y. 2017-18 and since then it has grown in terms of courses (PG and doctoral courses as well), intakes and level of courses along with. Institute is ISO 2100:2018 certified having well designed Quality Management System (QMS) comprising of the academic processes and the common processes is being uniformly followed across all the departments and supporting sections of the institute.

The strategic plan comprises of setting strategic goals based on SWOT analysis, monitoring the processes to achieve the goals, and reviewing the status of achievement of the goals. BOM is the apex body mainly involved in strategic Planning and other statutory and non-statutory bodies are key in implementation of the strategic plans.

Strategic planning in the major areas of Academics Excellence, Ranking of Institute, Faculty development, research and development, Industry-Institute interaction, Co-curricular and Extra-curricular activities etc. were defined by BOM and key statutory bodies. The implementation of the same and further monitoring and evaluating the outcomes was the pathway for targeting the vision and mission of Institute.

Academic innovation and excellence were targeted in terms of introduction of courses as Skill development, Open electives, Full term internship module (Industry connect) etc. Emphasis was given on learning tools like ICT tools, videos, mini projects, Problem based approaches etc. Faculty training NPTEL MOOC courses were feather on the cap. The focus on academic initiatives and teaching learning resulted in smooth conduction of teaching during difficult times of COVID. Introduction of new courses at UG and PG level in recent thrust areas like Statistics and Probability, Data Analytics for catering to the changing Industry needs. Introduction of Human resource course and Skill development along with Full term Internship module was done. Continuous monitoring by key committees through ISO: 2000:2019 and ERP process and procedures. Academic audits ensure their smooth and effective conduction.

VIIT participates in all key Institute rankings Promoting rigorous academic practices, inculcate research culture, strengthening Industry interactions, service to students, stakeholders, and society for improved public perception in order to rank among top 200 institutes in Engineering in coming three years.

Faculty development in terms of research is important and thus VIIT steps it foot forward with Deputing faculties for PhD programmes, training programmes, VSRPS scheme etc. Encouragement for consultancy working, training is a part of the same. Around 687 publications in National and International Journals and

Conferences, Rs. 122.11 Lacs funds for projects are also a noticeably outcome of strategic planning and deployment. Industry Institute interaction and its modus operand resulted in 102 no of active MOU's signed till date in which 86 are with industry. Placement in reputed companies, Industrial Internships, Industrial Projects, Industrial consultancy, establishing centre of excellence, Professional Students' Chapter are some of the many outcomes.

Industry-Institute interaction and placement activities also has a lion's share in increases number of Placements.

Institute is in process of adoption of National Education Policy 2020. details of the same have been presented in the Institutional profile.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link for Strategic Plan and deployment documents on the website	[View Document](#)

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

Vishwakarma Institute of Information Technology (VIIT) has well established system of governance and administration through the institute level bodies and committee by short-term and long-term planning to take strategic decisions with respect to achieving organizational goals. VIIT has statutory and non-statutory bodies carrying out functions and responsibilities in pursuit of institutional mission and vision.

Strategic level committees such as Board of Management, Academic Council, Board of Studies, etc. plays important role in development of Institute. Operational level committees constituted for pursuit of Academic excellence and surveillance and Non-Academic committees for all round development. Board of Management, Board of Examinations, Academic council, Internal Quality Assurance Cell (IQAC) are the main statutory bodies. Academic council being the apex in Academic related matters and further passes the baton of in detail syllabi etc. to Board of subjects. Various committee in VIIT are Anti Ragging, Grievance Redressal, Research Committee, Admissions Committee, etc. Functional Cells such Women's Empowerment Cell, Industry Connect and Placements Cell, Institute –Industry Linkage Cell, Incubation Centre etc. Each of the bodies constituted are to adhere to certain objectives and defined outcomes. The processes for the same and responsibilities are conveyed to stakeholders. The Administrative setup reflects through the organization chart is robust and ensures proper functioning. ISO: 2000:2018 and ERP system in working also ensures the adherence to the responsibilities of each committee and individual and ensure periodic monitoring of processes.

Director of Institute is the Member Secretary of Board of Management. All Deans, Head of Departments, Head-Training and Placement report to Director. Faculty works as per instructions given by HODs. In administration Registrar, Librarian, system In-charge, rector is the authority in hierarchy who report to Director. Non-Teaching staff such as Lab Assistants, Clerks & Peons works as per instructions given by seniors in the hierarchy and HOD. Authority/ Responsibility and Financial power is delegated to all HODs, Deans, Registrar and Director as per organization structure.

ERP and ISO 21001:2018 system is also instrumental in development by monitoring students and faculty record with reference to Research, Publication, Consultancy, copyrights, patents, Training programme organised/ attended, online leaves etc. Course Planning and implementation can also be monitored through ERP system. Appraisal for Teaching and non-teaching faculty ensure 360° evaluation, is implemented through ERP and the reports thus generated are analysed and faculty are counselled if required. Award systems through financial benefits are also a part of system. Risk Management is also conducted at suitable levels for effective implementation and is a part of ISO 21001:2018.

Along with ERP, **Vishwakarma Online Learning Platform (VOLP)**: All the faculty members of Engineering department use VOLP for course development, planning, execution, sharing of notes, Laboratory videos created by self.

VIIT follows service rules and recruitment of faculty / staff is done as per SPPU, Pune and AICTE, UGC guidelines. Faculty are extended with revised AICTE scales (Seventh Pay Commission, 2017 with DA). Eligible faculty members are given promotion as per guidelines and service books of employees are well maintained.

File Description	Document
Any additional information	[View Document](#)
Link to Organogram of the Institution webpage	[View Document](#)
Link for additional information	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

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

Response: B. 3 of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
Institutional data in prescribed format	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff and avenues for career development/ progression

Response:

A] Career development/ progression:

1. Institute promotes the teaching staff to undertake the research activities such as Ph.D. Institute promotes the teaching staff to undertake the research activities such as Ph.D. programms under affiliating University at our institute as well as other research institutes such as IITs, NITs. Institute organizes the Faculty Development Programmes (FDP), Seminars and Conferences for faculty and students.
2. The institute also has Vishwkarma Research Promotion Scheme (VRPS) to facilitate the faculty members to carry out research work with financial aid. Faculty members are being enabled to have exposure to industry through the sabbaticals.
3. Institute also encourages the non-teaching staff members for their education upgradation, if required.
4. Institute conducts Brain storming session for teaching and non-teaching staff members The objective of the Brain storming session is to train the employees under the guidance of a senior or more experienced individual (the mentor), who acts as an advisor, counselor, or guide to a junior or trainee.

B] Welfare Measures:

Institute has following welfare measures for the teaching and non-teaching staff members

1.Fee concession to wards:

Institute has a policy of fee waiver/concession for the ward of teaching and non-teaching staff and has been provided to all such eligible aspirants. The criterion for getting the benefit of the policy is the ward of the teaching and non-teaching staff should be admitted through Central admission process of DTE, Maharashtra and he/she should be the first child of the concern teaching and non-teaching staff members. The concession of fee waiver amount is 50 % of the tuition fee in every year. For getting fee waiver in every year, the ward of teaching and non-teaching staff should have first class with all clear results.

2.Group personal accident policy and Insurance facility:

Institute offers a Group personal accident policy and Insurance facility to all teaching and non-teaching staff members. The sum insured for personal accident policy is 2 lac and sum insured for insurance policy is 5 lac every year. The premium amount is being conducted from the salary of teaching and non-teaching staff members.

3. Fee concession for faculty Ph D studies at the Institute:

   VIIT provides scholarships / fee concession to faculty / staff members from Vishwakarma Group Institutes and their immediate family members. Following are the scholarships / fee concession benefits given to faculty / staff members from Vishwakarma group

1.50 % entrance fee refund in case faculty / staff members enrolls for entrance test and clears it.
2.30 % fee concession in total fees (excluding university share and one tine fee) for faculty / staff members and their immediate family members.

4. Time Bound promotions for non - teaching staff members:

Institute offers Time Bound promotions to eligible non-teaching staff members for every 12 years' service completion at institute.

5. Awards based performance for teaching and non-teaching staff members:

All teaching and non-teaching staff members received awards based on the performance during foundation day of the college every year. Performance is based on the self-appraisal form filled by teaching and non-teaching staff members for the academic year.

6. Support to teaching and non-teaching staff during pandemic period:

During the pandemic situation, management / institute has extended all the possible support, to all the teaching and non-teaching staff members and were given the Work From Home (WFH) option.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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

Response: 0

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**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	00	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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

Response: 10

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

2021-22	2020-21	2019-20	2018-19	2017-18
16	9	6	12	7

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	[View Document](#)
Reports of Academic Staff College or similar centers	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 14.56

6.3.4.1 **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise**

during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
35	22	28	28	24

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	[View Document](#)
IQAC report summary	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Information Technology has an established mechanism for regular conduction of internal and external audit to ensure standard accounting practices and necessary financial compliances.

The budgets for all heads of departments, deans, registrar, and sections are prepared at beginning of the financial year and same are submitted to The Director. The budget includes equipment's, software's, consumables, staff training, maintenance, seminar, and workshop etc. The respective dean submits the budget proposal for his/ her portfolio. For e.g. Dean Administration submits the budget for statutory body compliances. The Director consolidates the budget and presents the same to Board of Management for the Approval. The copy of sanctioned budget is sent to the respective departments, deans, and sections. The management has delegated financial power of Rs 75,000/- to The Director, Rs 15,000/- The Deans and Rs 7500/- to the Heads of Departments. All purchases are completed following the purchase procedure laid by the management.

Internal Audit

Internal audit is conducted twice in the financial year by the Chartered Accountant appointed by the management. The representative verifies all the bill, vouchers, books of account, bank statements, TDS, professional tax, IT returns, fee receipts along with other documents, if found any discrepancies they will inform the accounts department in writing with a copy to the parent body for further action/rectification. These audits are conducted to assess the effectiveness of the institution's internal controls, risk management, and compliance with applicable laws and regulations. The objective is to identify areas for

improvement and to provide recommendations for enhancing financial controls and processes. Consolidated budget, invoice, and vouchers, and supporting documents of every purchase /event is maintained by the accounts section of the institute. The institute's accounts officer verifies every document, observations if any, is brought to the notice of respective stakeholder for immediate rectification. The details of all the expenditures / transactions of the entire financial year are consolidated and maintained at the accounts section and submitted for external audit at the end of the financial year.

External Audit

External audits, on the other hand, are conducted by an independent auditing firm appointed by the management. The External Auditor expresses their opinion on the financial Statements of the Institution based on their Audit. They conduct the Audit in accordance with Standards on Auditing issued by the Institute of Chartered Accountants of India. The Audit involves performing procedures to obtain audit evidence about the amounts and disclosure in financial Statements. They perform the audit to obtain reasonable assurance about the financial statements. The Auditors also evaluate the appropriateness of accounting policies used and reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of financial statement. Audited financial statements are also published in the institute website as information for the public.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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

Response: 0

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for additional information	[View Document](#)

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

Response:

Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Information Technology is autonomous, self-financed institute. The institute has well established financial information system to ensure accountability in mobilization and utilization of funds. The finance committee is constituted at institute level and is approved by Board of Management for effective mobilization and utilization of funds.

Mobilization of funds:

The institutional funds are mobilized through student fees, research funding, consultancy, sponsorships, donation, interest and parent Trust. The institute being self-financed student fees is the primary source of fund mobilisation. Following are the strategies for mobilization of funds: -

1. Collection of fees from students who pursue B Tech, M Tech, and Ph.D. program. The institute facilitates various payment modes namely internet banking, BHIM, debit cards, credit cards, demand draft etc.
2. The institute encourages faculty to write proposals and apply for research funding to various agencies like AICTE, SERB, Savitribai Phule University etc. to equip labs with technology advanced equipment's and required human resource necessary for the research.
3. Funding proposals are submitted for conduction of conferences, faculty development program, seminars to AICTE, Savitribai Phule Pune University and other non-government agencies.
4. Sponsorships for student activities like techno-cultural events, competitions.
5. Providing consultancy to industry and academia
6. Interest on Fixed Deposits is an minor source for fund mobilization

Reserve fund & corpus fund is maintained by the trust (BRACT) as per the rules and regulations for charitable trusts as laid down by the charity commissioner. Institute has made the necessary provisions in the books- of accounts towards efficient use of available funds for each academic year/ financial year.

Optimal Utilization of Resources: -

The budgets for all heads of departments, deans, registrar, and sections are prepared at beginning of the financial year and same are submitted to The Director. The budget is prepared in view of development and technical upgrade of laboratories, computing facilities, library, teaching-learning process, training, extension activities, software's etc. A collated Budget is prepared at the institute level and same deliberated in the Finance Committee meeting and necessary changes are made for a proper balance of receipts and expenditure. This budget is submitted to Board of Management for approval. Approved Budget is communicated to the departments, deans, and sections.

Expenditure under various heads is processed as per the approved budgetary provisions. Accounts Officer monitors the budget and expenditure at regular intervals. In any unforeseen circumstances, non-budgeted amount is considered and allotted depending on the merit of the case. The institute has established system for faculty upskill, learning resource and infrastructure upkeep. Purchase committee is responsible for recuring and non-recurring purchases. Utilization of funds is periodically monitored by the management and corrective measures are undertaken, if required. Periodic internal and external audits are performed to

ensure continued compliance with institutes policies, statutory regulations, and accounting procedures.

File Description	Document
Any additional information	[View Document](#)
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 visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

Response:

The IQAC plays an important role in the implementation of quality assurance strategies and processes related to-
1.Academics / Teaching - Learning
2.Research and Development
3.Industry interaction
4.Training and placement

5. Administrative and other support services

With the focus to create, maintain and/or enhance the quality in every aspect related to Institution's functioning in the above-mentioned domains, the IQAC has set up the strategic plans and processes. Same are shared with stakeholders and are made available on Institute's website.

IQAC has been engaged actively in -

1. Preparation of Self-Study/Assessment Reports of various accrediting bodies (or Institution Ranking) such as NAAC, NIRF, NBA, ARIIA, CII etc.
2. IQAC also prepares the various private survey reports like Times, The Week, GHRDC, Career 360 etc.
3. Preparation and submission of Annual Quality Assurance Report (AQAR) etc.
4. IQAC also play very important role of initiating performance appraisal system for teaching as well as non-teaching staff of the institute. IQAC also keeps track of KPIs given to all faculty members.
5. IQAC initiates the feedback system for Institute feedback, also analyzes the feedback. The report is presented in BOM meetings to take further actions if any.
6. IQAC also disseminates the information on various quality parameters of higher education among faculty members and then to all students.

Following is the example of practice institutionalized as a result of IQAC initiatives:

A: Teaching – Learning

Objectives:

1. To enhance the teaching-learning skills of teachers.
2. To improve the professional/employability skills of students.

Looking at the incremental improvements made for the preceding five years with regard to quality in academics IQAC has opted for **Educational Organization Management System (EOMS) Policy.**

IQAC takes efforts to guide the teachers to focus on outcome based education(OBE) by conducting session on Course Outcome(CO) formation, assessment and CO, PO attainment Quality of internal semester question papers, assignments and evaluation Examination reforms.
Introduction and hands on training of LMS is also conducted. The teachers discuss COs with students at the commencement of the course. Teachers identify the gaps between CO and PO to plan the activities to bridge them. IQAC has prepared and circulated standard formats for maintaining the relevant documentation. IQAC sets up the process of CO-PO,CO-PSO attainment calculation.

Quality improvement programs about teaching methodologies after curriculum revision. Academic audits are conducted at the end of each semester to ensure all academic process are carried out regularly and documentation maintained.

The academic audit also focuses on activities required to produce, assure, and regularly improve the quality of the whole system in place including curricular and co-curricular activities. In this audit process, the activities related to infrastructure and support services that are important/ contribute to academics are taken into consideration.

IQAC also play very important role of initiating performance appraisal system for teaching as well as non-teaching staff of the institute. IQAC also keeps track of KPIs given to all faculty members.

In order to motivate the work done by the teachers,non-teaching staff. IQAC organizes award function on the occasion of institute's foundation day every year. Cash awards are given to the winners. IQAC verifies the applications to analyze the scores.

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

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

The IQAC plays a vital role in ensuring implementation of effective teaching-learning processes, conducting student centric activities and recording the learning outcomes as per the systematic processes defined. **The IQAC ensures that for every program offered, Vision and Mission Statements are defined in line with the Institution's Vision and Mission, and also ensures that the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Program Educational Objectives (PEOs) are defined.**

All the academic, co-curricular and extra-curricular activities are organized considering the POs and PSOs. The attainment of Course Outcomes (COs), POs and PSOs are recorded through systematically designed Outcome Based Education (OBE) Policy document by IQAC taking into consideration the AICTE Examination Reforms Policy document. **IQAC has also initiated "Internal and External Academic Audit" process which is to encourage the programs to evaluate their quality processes and standards based on predetermined benchmarks.** The academic audit also focuses on activities required to produce, assure, and regularly improve the quality of the whole system in place.

These initiatives along with some key improvements are elaborated in the following description

The multidisciplinary approach in education is the key element implemented in the curriculum which breaks the walls among different streams. In an engineering institute this is the most critical aspect as the needs of industry and technological solutions demand integration of multiple domains . This key element is prominently addressed via curriculum and pedagogy in teaching and learning, supporting rational decision-making and innovation, critical thinking, and creativity. The curriculum emphasises delivering courses and projects for credit in the areas of community engagement and service, environmental education, and value-centered education.

Academic programmes are designed to accommodate Multidisciplinary/Interdisciplinary electives. These programmes are designed to provide students with the most options for elective courses provided by other departments. The academic structure provides the students to select two kind of electives namely professional and Open electives. Under Open electives multidisciplinary electives are offered by different departments which makes this system completely in tandem with multidisciplinary requirement.

Curriculum includes Engineering Exploration and Design project to create multidisciplinary approach. Along with the final year , at third year as well projects are introduced. This provided more practical approach of learning as well as provided opportunity to work on interdisciplinary projects for significant time to the students. In the final year semester long internship is offered to the students where they are encouraged to take industry projects. This also enhances the opportunity to work on interdisciplinary solutions. In view of the Global scenario, engineering students should have knowledge of courses from various branches as well as some advanced subjects in the field in which they are majoring. The programme also emphasises language, humanities, finance, and management-related courses.

The Institute also has Vishwakarma Students Research Promotion Scheme(VSRPS) under which the students are encouraged to submit research proposals which provides them the platform to exhibit interdisciplinary research and technical solutions

In addition to curriculum Institute believes in imparting skills in students. Taking this fact into account into

account ,institution has adopted two major practices viz. LinkedIn Learning and Infosys Springboard.

Institution started LinkedIn Learning course for B. Tech students. Two separate learning paths were created for circuit and non-circuit branch. Students were asked to complete not only technical training but non-technical courses like quantitative aptitude, logical reasoning, and soft skills courses to ensure the employability

In order to assess the learning of the students institution has used Infosys Springboard assessment tool. The platform provides basics of the courses and evaluation measures like quiz; case based assignments were given to students and their performance was considered to know the learning ability. The activity was carried out for courses especially for tools and technologies which included subjects like Java programming language, Robotic Process Automation, Data Structures etc. This practice helped to understand professional readiness of the students.

The institution emphasises outcomes-based education (OBE), which is reflected in the curriculum design, teaching & learning process, and student evaluations. The curriculum incorporates experiential learning, such as small projects, major projects, internships, entrepreneurship development projects, Engineering Exploration, and so on.

Institute has designed curriculum with clearly articulated Institute Vision and Mission, Department Vision and Mission, Programme Outcomes, Programme Specific Objectives, and Course Outcomes. COs are supposed to be connected with programme outcomes and program-specific results. The substance of the curriculum is then established with course outcomes in mind. All course syllabi have been constructed with macroeconomic and social demands in mind. The curriculum is well-balanced and offers a variety of course categories, such as fundamental sciences, engineering sciences, humanities and social sciences, professional core, professional electives, open electives, and internships/projects.

All courses are developed with results centred on cognitive skills, particularly Remembering, Understanding, Applying, Analyzing, Assessing, and Producing. In addition to domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills, so that students contribute actively to the nation's economic, environmental, and social well-being. Institute has a history of incorporating a variety of innovative technologies, such as project-based learning, problem-based learning, ICT tools, collaborative learning, and many more, into its instruction and evaluation. After evaluating a student's performance, all CO's, PO's, and PSO's are quantified, and an action plan is produced to enhance future performance.

Periodically, internal and external audits are done to ensure that academic and administrative policies are effectively implemented and that quality processes are maintained. The academic audit is undertaken once a year to evaluate the academic activities of the department. This academic audit is led by a faculty member from a prestigious institution, such as IIT Bombay, who is nominated by the Director.

All these activities mentioned are implemented and added the improvement value over the period of 5 years.

The multidisciplinary approach came into picture from 2018-19 and the evaluation mechanisms witnessed the improvements form conventional summative and formative pattern to 360 degrees mechanism prominently came into picture from Ay 2020 -21.

The Institute is making the necessary changes in the processes after every feedback from audits, Industry Advisory meetings and from every stake holder.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.5.3 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality initiatives with other institution(s)**
3. **Participation in NIRF**
4. **Any other quality audit recognized by state, national or international agencies (ISO Certification)**

Response: 2 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Paste web link of Annual reports of Institution	[View Document](#)
Link for additional information	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

The institute has a strong, comprehensive work culture built on ethics. Equal opportunities are offered to all students and staff members regardless of gender, race, caste, creed, religion, language, nationality, or social origin. The institute promotes gender sensitivity and equity through several measures:

1. Safety and Security

- Campus is under **CCTV surveillance, cameras** are placed at all entries and exits.
- **Anti-Ragging** measures are followed strictly to keep ragging free campus.
- NSS organize ragging awareness campaigns in the campus.
- NSS organize street plays for awareness of women safety and gender sensitivity.
- Separate hostels are provided for girls with appropriate security arrangements and hostel committees are formed to take care of the students.
- Well-trained and vigilant women rector appointed to the Girls Hostel
- Security check is done by guards at main gate and students with valid identity cards are allowed into the campus.
- **Students Grievance Redressal Committee** is formed to resolves the issues addressed by students.
- **Faculty & Staff Grievance Redressal Committee** is formed to resolves the issues addressed by staff.

2. Common Rooms

- Separate Common rooms are there girls and ladies staff with enough space to work and rest securely.
- Sanitary pad vending and disposal machines are installed in common room.

3. Counselling

Health Centre is available in the campus with qualified physician and counsellor.

4. Gender Audit

Every year institute conduct gender analysis to assess the gender balance and quality of gender based initiatives, details are as follows:

A.Y.	Teaching Ratio of Male : Female	Non-Tch Ratio of Male : Female
2017-18	1 : 0.83	1 : 0.17
2018-19	1 : 0.92	1 : 0.17

2019-20	1 : 1.02	1 : 0.15
2020-21	1 : 0.96	1 : 0.18
2021-22	1 : 0.95	1 : 0.16

5. Other Measures

In the institute, various important posts are led by women e.g. Head of the Department and dean. In the Year 2020-21 and 2021-22, 29% of posts are led by females. Institute has MOUs with various agencies for women empowerment i.e. Leela Poonawal, Khushaboo, Catalyst and Cybage. **The Women Empowerment Cell (WEC)** and **National Service Scheme (NSS)** organize various cultural, technical and non-technical exclusively for girls to improve their self-confidence and empowerment. On 21st January and 22nd January 2020 Women Empowerment Cell of Vishwakarma Institute of Information Technology organized a Nirbhay Kanya Campaign in association with Savitribai Phule Pune University. The Campaign included numerous things that can helpful to young women of Pune, Personality Development, Self Defense and Health Check-up. In 2021-22 WEC organized various activities for gender euqity

- **Importance of Gender Equality**: WEC Celebratied Equality Day, this drive spreads the awareness of Gender Equality and helps those women's who think that they are not confident enough to compete with men in society, or they have depressed their thoughts according to men.
- **Sanman Navdurgancha**: This event was organized to cherish the hard work /special feature done by VIIT female students in their field, this event praised those 9 girls who have done great, doing great and have achieved their goals in their life.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b.Counselling c.Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)
Annual gender sensitization action plan	[View Document](#)

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: C. 2 of the above

File Description	Document
Geotagged Photographs	[View Document](#)
Any other relevant information	[View Document](#)

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

- **Solid waste management**

Institute is committed for environment friendly green campus. Degradable and non-degradable waste is handed over to Pune Municipal Corporation. Sweepers collect and transport the solid waste from VIIT campus locations to the municipal garbage collection, where dry and wet waste are separated and managed according to the municipal solid waste management plan.

The solid wastes of VIIT campus i.e. departments, mess, cafetria etc are collected by sweepers and dispatched through the municipality garbage collecting where dry and wet garbage are separated and subjected to the solid waste management plan of the municipality. The garbage other than the solid waste is also collected by housekeeping staff of the VIIT and transported to a disposal site. Waste papers are collected and sold to vendors from time to time. As mentioned, the college campus has mess facilities where organic waste such as food ripening vegetable rumens are also collected by municipality van and disposed of properly. Solid waste of college premises is collected by sweepers daily and subjected to the municipality garbage collecting van.

- **Liquid waste management**

Waste water from campus is collected and is discharged to municipal drainage line. Students are made aware of scarcity and importance of the water by placing notices throughout the campus. Minimal generation of waste water can be helpful to the society, in line with this NSS organizes various events.

- **Biomedical waste management**

VIIT has sanitary pad disposal machine to keep hygienic environment for women's. Typically, a single woman might produce up to 125 kilogrammes of non-biodegradable waste during just her menstrual years.

Getting rid of sanitary pads is the biggest problem that women encounter during their menstrual cycle. Sanitary pad disposal machine dispose pad in without causing pollution in the surrounding.

- **E-waste management**

The proper and routine repair of computers and other electronic peripherals ensures a low e-waste generation. Periodic maintenance of laboratories are scheduled for the same. Notices for proper handling of electronic devices are placed at respective laboratories. Students are made aware about E-waste generated and its consequences. The Institute routinely disposes of non-functioning, irreparable and damged computer parts and other non-functioning electronic equipment through reputable vendors. Electronic goods are put to optimum use. UPS Batteries are exchanged by the suppliers. The electronic components and other e-waste are disposed properly. Trash bins are placed throughout the campus to collect the electronic waste and further that is handover to the vendor for recycling.

- **Waste recycling system**

Paper wastes generated in the campus are collected by an external vendor for recycling. Institute optimizes the usage of paper by maintaining e-copies for administrative documentation. Various are also done through e-copies. In the laboratory students are motivated to submit their assignments through e-copies instead of paper journals. Single side used papers are utilized for printing and documentation work. Metal trash is produced by workshop activities is sold to a scrap dealer who then supplies it to a recycling facility.

- **Hazardous chemicals and radioactive waste management**

Hazardous substances are avoided in the chemistry lab, and any non-hazardous substances are diluted before disposal.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geotagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling

5.Maintenance of water bodies and distribution system in the campus

Response: C. 2 of the above

File Description	Document	
Geotagged photographs / videos of the facilities	[View Document](#)	
Any other relevant information	[View Document](#)	
Link for any additional information	[View Document](#)	

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: C. 2 of the above

File Description	Document
Various policy documents / decisions circulated for implementation	[View Document](#)
Geotagged photos / videos of the facilities	[View Document](#)
Any other relevant documents	[View Document](#)

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: E. None of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	[View Document](#)
Certification by the auditing agency	[View Document](#)
Any other relevant information	[View Document](#)

7.1.7 The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: B. 3 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)
Geotagged photographs / videos of the facilities	[View Document](#)
Details of the Software procured for providing the assistance	[View Document](#)
Any other relevant information	[View Document](#)

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

The faculty and students of VIIT come from diverse backgrounds. The institute is committed to provide an inclusive environment where student, faculty and staff can work together for their development, learning and upward mobility. It helps in creating a culture where all can work free of discrimination, exploitation, impediments and harassments. **National festivals, Republic Day** and **Independence Day** are celebrated every year to imbibe patriotic fervor. Our NSS cell organizes **Blood donation camp, Tree plantation drives, Road safety awareness and cleanliness drives**. There is a professional counselor available to support the needy students as and when required. Our faculty/staff and students respect and admire the all religions; different languages as well as cultures which are indirectly nurture unity in diversity.

We celebrate many festivals and days including **traditional day** during our **Techno Cultural fest Gandharva** every year in the campus, which make the students more aware of their culture and surrounding, and it has become an integral part of imbibing other's cultural beliefs too. It brings cheer and happiness to the students' faces. We conduct **Student Induction Programme** every year to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self exploration. We also celebrate **Kite festival** every year, where students participate enthusiastically and enjoyed flying kites. Shiva Jayanti and Ganesh Festival is also gets celebrated in the campus every year by following all the safety rules. During Navratri fest all ICCR students were invited

for the **Goddess Aarti at Mahalaxmi Temple**. We also have conducted the activities like Marathi **Sanvardhan Pandharwada and National Voters' Day** in the campus. **"Women's Equality Day"** event was organized by the committee of WEC. This event was on the topic **"Importance of Gender Equality"**. This event took place on the online platform through Zoom application.

Azadi ka Amrut Mahotsav was celebrated for 3 days. Students enthusiastically participated in the activity. National Wildlife Week is celebrated every year in first week of October in India. On that occasion, a cleaning drive was arranged at **Bhimashankar**. **Vaccination drive** was conducted for faculties and students on 19 Nov. 2021. **Pad Peti for Every Beti** event was organized by NSS VIIT along with Pad Squad who works toward female health and hygiene and donates pads to the lee fortunate females in underdeveloped areas. Institute is committed for environment friendly green campus.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Any other relevant information	[View Document](#)

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

The Vishwakarma institute of information technology (VIIT) sensitizes the students and employees of the institution to the constitutional obligations of values, rights, duties, and responsibilities of citizens that enables them to conduct themselves as responsible citizen.

The Institute curriculum is framed with mandatory courses like Universal Human Values, various value-added courses such as Indian constitution, Environmental science, Essence of Indian traditional knowledge, Personality development and Professional ethics etc. as a small step to inculcate constitutional obligations among the students.

Also Mechanical Engineering Students' Association (MESA) organized Model United Nations aiming towards polishing socio-cultural, oratory and critical analytical skills of an individual.

Various activities for inculcating the values for being responsible citizen. NSS VIIT are conducted for students and employees in collaboration with RTO Kondhawa, Pune organized a Road Safety Awareness Program for the youth of our college. The importance of following traffic rules was discussed. On 25 October 2020, 'We Care Workshop'- Animal Welfare Awareness Webinar was conducted. This webinar was particularly focused on Animal suffering and government animal laws. It was a successful webinar that enlightened 127 students about animal welfare issues and government laws. All the participants were more aware of animal suffering to carry out measures to help them. On 18th October 2020 water samples from all five villages adopted by NSS & UBA VIIT (Namely Jamgaon, Male, Mulshi, Valane, Sambhave) were collected for testing. According to the test results, on 6th February 2021, Dhamalewadi in Mulshi

village was selected where a water filter of 6000 lit capacity was donated to solve the water shortage issue.NSS VIIT organised cleanliness drive in VIIT campus to spread the awareness about saying NO to plastic. On the ocassion of Teacher's day, guided students about the Teacher who inspired world- Dr Sarvapalli Radhakrishnan.

The workshop are arranged by NSS-VIIT to focused on being responsible citizens as envisaged in article 51A of the constitution of India, which states that "It shall be the duty of every citizen of India to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement." through LAMP's nation building projects. The seminar was successful in bringing students one step closer towards self-development.The session covered a road map to educate, inspire and initiate the Character Building process through a series of workshops. Workshop also focused on stage fear in students by making them showcase their talent to increase their confidence. An environment awareness cycling and walking rally was conducted by NSS-VIIT. Various events and programs like harit shapath, Blood donation camp, road safety, water purifier, eco friendly Diwali, and mental health awareness are arranged by NSS-VIIT to inculcate values necessary to render students into responsible citizens.

File Description	Document
• Details of activities that inculcate values; necessary to render students in to responsible citizens	View Document
Any other relevant information	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: B. 3 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

The institute imparts and takes the immense efforts to impart the feeling of devotion/nationalism in students and faculty by organizing and celebrating various national and international level days, events and national festivals like Independence Day and Republic Day, Women's day, Teacher's Day, NSS and other extension activities every year. Our faculty/staff and students are respect and admire the all religions, different languages as well as cultures which is indirectly nurture unity in diversity.

Various important International/National festivals are celebrated every year such as:

Independence Day, Republic Day, Constitution day, Azadi ka Amrut Mohatsav, Cultural events : Annual Gathering: Gandharva, Technical Events: Perception, EDC : Entrepreneur, International Yoga Day, National Service Scheme day, Engineers day, Teachers' day, Environment Day, Road Safety week, Festivals Like Shivjayanti, Ganesh Festival are celebrated in the institute following all the safety rules.

On the occasion of international yoga day, Sports Council, VIIT in collaboration with Isha Foundation organized an Online Webinar on the topic "Yoga for Immunity & Respiratory Health". Important points covered were – How to enhance lung capacity, How to enhance immunity, and How to identify if you have a respiratory problem.

On Women's day occasion, a webinar was organized by the Women Empowerment Cell, VIIT to create awareness about Women's Empowerment in society. The speakers for Women's Day special webinar were DY. Commissioner of Police Zone 5 and DY. Commissioner of Police EOW and Cyber. The webinar started with the motto "Sadrakshanay Khalnigranay" which means 'Protecting the righteous and controlling & annihilating the evil'.

"Women's Equality Day" event was organized by the committee of WEC. This event was on the topic "Importance Of Gender Equality". This event took place on the online platform through Zoom application.

NSS VIIT organises various activities like a **Road Safety Awareness Program** for the youth of our college. The importance of following traffic rules was discussed and cleanliness drive in VIIT campus to spread the awareness about saying NO to plastic.

Institute also observes other days of national importance which are birth/death anniversaries of great Indian and international personalities.

Every year Teachers day is celebrated on September 5th. The birth anniversary of Sir Mokshagundam Visheshwaraih is celebrated as to salute Sir's contribution and achievements in Civil Engineering field and motivates young budding Engineers to accord their duties towards the society.

All the departments organize technical competitions in technical event called Perception as well as by EDC cell organises Vishwapreneur every year. During these events various distinguished guest were invited to address the students and faculty to inspire the community to excel as engineers following the path of the great personality. Speakers bring out invaluable knowledge in the field of emerging technologies and advancements. Death anniversaries of great persons of national importance are marked by paying homage

and recalling their contribution to the nation. To show the respect of Female faculty college celebrates Women's Day on 8th March every year in the campus following with activities like Sports, Games and Cultural Activities etc. On Institute foundation day, institute felicitatats to Teaching Staff & Non Teaching Staff.

File Description	Document
Geotagged photographs of some of the events	[View Document](#)
Any other relevant information	[View Document](#)
Annual report of the celebrations and commemorative events for the last five years	[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:

1. Title of the Practice

Research and Innovation

2. Objectives of the Practice

- To motivate and promote the faculty and other members of the team including students and collaborators for taking efforts to get the work published in indexed journals.
- To provide financial motivations for the faculty and students where higher weightage to be given for collaborative work with Industry, VI institute members.
- To provide the platform to get protected faculty and student's original technical/research work by patents.
- To provide a medium to showcase student's ideas, art work, writing skills and literary skills.

3. The context

To promote research and innovation, the Institution has taken a number of initiatives and one of them is rewards policy for publication and filing national and international patents through IPR cell by Institute's funds. Research is a backbone for almost all the rankings and accreditations, quantified in the form of quality publications in form of papers, book chapters etc. To stand out in the pool of Institutes existing currently, research should be taken up in any Institute seriously and high motivation is required for the same.

4. The Practice

All authors (preferably corresponding) shall submit the soft copy of the published work along with proof of indexing at designated drive by Publication assessment committee. Publication Assessment Committee meet every month and recommend the article /paper/ book chapter for reward after checking the indexing of the publication. There is no upper cap on number of articles / book chapter per faculty per academic year. One article/ paper/ book chapter will be rewarded once only, irrespective of number of authors from Vishwakarma Group of Institutes.

Faculty and students submit a patent proposal to the IPR cell. Proposals are reviewed by the patent consultant. Shortlisted proposals are then drafted and filed by the consultant to Indian patent office or in other countries.

5. Evidence of success

To date more than 100 proposals are submitted by the faculty and students to the IPR cell. Out of which

- 61 patent applications are filed, out of which
- 29 patents are granted and
- 17 patents are published.
- Applied for MoE's Innovation Cell KAPILA funding.

To date more than 100 proposals are submitted by the faculty and students to the IPR cell. Out of which

- In the first drive 52 responses have been received from the faculty.
- Out of 52 responses, 17 proposals are approved by publication assessment committee.
- The release of rewards for these proposals is in the process.

6. Problems Encountered and Resources Required

Problems encountered

- Reviewing and shortlisting of patent proposals is usually time consuming and challenging.
- Reviewing the submitted publications for their indexing is time consuming process.
- There are many frequent changes in the status as well as indexing of the publication and it is very critical process to finalize and confirm the indexing of publications.

Resources Required

- Patent consultant for selecting patentable proposals and further processing.
- Funds for government and consultant fees.
- Coordinator to coordinate the complete process.
- Publication assessment committee for recommending the article /paper/ book chapter for reward after checking the indexing of the publication..
- Funds to reward the faculty as well as students.
- Coordinator to coordinate the complete process.

Best practice : 2

1. Title of the Practice

TEDxVIIT

2. Objectives of the Practice

TEDx events are independently organized local events that are licensed by TED, a non-profit organization devoted to spreading ideas and knowledge through short, powerful talks. The objectives of TEDx events are to:

1.   Inspire and educate: The primary objective of TEDx events is to inspire and educate people by bringing together speakers from diverse fields who share their ideas and insights on a particular theme or topic.

2.   Foster dialogue and conversation: TEDx events provide a platform for speakers and attendees to engage in meaningful dialogue and conversation, exchange ideas, and share experiences.

3.   Create a sense of community: TEDx events bring together people from diverse backgrounds and communities, fostering a sense of belonging and shared purpose.

4.   Promote innovation and creativity: TEDx events showcase innovative and creative ideas, sparking curiosity and encouraging attendees to think outside the box.

5.   Encourage personal and professional growth: TEDx events offer attendees the opportunity to learn from and be inspired by successful professionals and thought leaders, promoting personal and professional growth.

Overall, the objective of TEDx events is to create an environment where people can learn, share, and collaborate, ultimately leading to a better understanding of the world and its challenges.

3. The Context

TEDx events are part of the larger TED (Technology, Entertainment, and Design) conference organization. TEDx events are independently organized local events that are licensed by TED. They follow the same format as TED talks, featuring speakers who share their ideas and insights on a particular theme or topic. TEDx events can be organized by anyone, anywhere in the world, as long as they obtain a license from TED and follow the organization's guidelines.

The first TEDxVIIT event was held in 2019, and since then, four of TEDx events have taken place. TEDxVIIT events have covered a wide range of topics, from metaverse, design aspects, artificial intelligence, storytelling, culture, and social issues. The goal of each TEDxVIIT event is to inspire, educate, and engage attendees with new ideas and perspectives that can spark change and innovation in their communities and beyond.

The main context of TEDxVIIT is one of innovation, inspiration, and collaboration. It is a platform that brings together people from diverse backgrounds and fields to share their ideas and insights, fostering a sense of community and promoting personal and professional growth.

4. The Practice Manual for Autonomous Colleges

The process for organizing a TEDx event involves several steps:

1. License application: Anyone who wants to organize a TEDx event must first apply for a license from TED. The application process involves submitting an application form and a proposal outlining the event's theme, format, and target audience.
2. Planning and organization: Once the license is approved, the TEDx event organizer begins planning the event. This includes selecting a venue, identifying speakers, creating a schedule, and marketing the event.
3. Speaker selection: TEDx organizers are responsible for selecting speakers who can deliver short, powerful talks that align with the event's theme. Speakers are typically experts in their field or have a unique perspective on a particular topic.
4. Rehearsals and coaching: Speakers are required to attend rehearsals and receive coaching from TEDx organizers to ensure that their talks are engaging, informative, and meet the organization's guidelines.
5. Event day: On the day of the event, speakers deliver their talks in front of a live audience. The talks are recorded and later posted on the TEDx YouTube channel for a global audience to watch.
6. Post-event follow-up: After the event, TEDx organizers are responsible for collecting feedback from attendees and speakers, analyzing the event's success, and planning future events.

Overall, organizing a TEDx event requires careful planning, attention to detail, and a commitment to upholding the organization's guidelines and values. The process is designed to ensure that each TEDx event delivers high-quality talks that inspire, educate, and engage attendees.

5. Evidence of Success

TEDxVIIT is an independently organized TED event by VIIT, Pune. Since hosting its first edition in 2019, It has been a platform to abide by the motto of TED, i.e. , "Ideas worth Spreading" across three editions. TEDxVIIT has thrived for passion, stories-interchange and excellence. 4 editions, 19+ speakers, 6+ performers and -sponsors. All TEDxVIIT talks are posted on official Youtube Channel of TEDx with over 37 million subscribers.

Total TEDxVIIT Videos: 25

Total TEDxVIIT Viewership on Youtube: 248.8k views

Sponsors that have been associated with TEDxVIIT:

1. Budhani
2. Phoenix Market City
3. Unilife
4. Dr. Ellie Organics
5. Loft 48
6. La Pinoz Pizza
7. T.I.M.E.S
8. MuNity
9. Liesure Vacy

TEDxVIIT 2019 : Press Play

The first edition of TEDxVIIT themed "Press Play" presented a new outlook on life. The event took place in April 2019 at Phoenix Market City, Pune. In the world full of obstacles that urge you to "pause" or" stop", we aim at proposing the idea of pressing "play" and facing the obstacles.

Speakers:

1. A Wanderer's Guide on following your Passion | Tanya Khanijow | TEDxVIIT- 165k views
2. Experience IT | Suswar Ganu | TEDxVIIT-1.8k views
3. Harnessing Homegrown Wisdom into a Business | Subhash Talekar | TEDxVIIT- 770 views
4. Finding your Rhythm | Amninder Sandhu | TEDxVIIT-3kviews
5. Coloring Dreams! | Dedeepya Reddy | TEDxVIIT- 932k views
6. The Animal Compassion Revolution has begun. | Erika Abrams | TEDxVIIT-2.6k
7. A Picture Speaks a Thousand Words: A Touching Sand Art Tribute | Vivek Patil | TEDxVIIT- 1.1k views
8. A glimpse at India's Naxalite Movement | Abhishek Mohurlay | TEDxVIIT - 7.2k views

TEDxVIIT 2020 : Kaizen

Second edition themed "Kaizen: Change for the Better" aims at significance of change for excelling. To excel is to change. The change that will help you grow, expand and establish. All you have to do is move a little not an inch, not a mile, just a little. This edition was conducted online under the unpredictable circumstances of Covid-19 lockdown.

Speakers

1. Finding the 'I' in Happiness | Gautami Deshpande | TEDxVIIT - 22k views
2. Create Real Space in the World of Reels | Mukesh Chhabra | TEDxVIIT- 2.8k views
3. Redefining Farming: The Step Towards Soil-less | Vihari Kanukollu | TEDxVIIT - 2.2k views
4. What Happens on the Road Not Taken | Shreya Chaudhry | TEDxVIIT - 6k views
5. Conserving Structures and its Relevance to Modern Architecture | Kiran Kalamdani | TEDxVIIT-545 views
6. Create Your Own Beats | Anup Gaikwad | TEDxVIIT- 429 views
7. Is Social Media Causing Social Isolation? | Shridhar Aiyer | TEDxVIIT - 1.3k views
8. Musical Therapy for the Soul | Florence Vohera | TEDxVIIT - 1.6k views
9. Decoding Productivity for Millenials | Samira Davalbhakta | TEDxVIIT - 2.2k views
10. The Closer You Look, the Lesser You'll See | Amit Kalantri | TEDxVIIT - 3kviews

TEDxVIIT 2021 : RED Shift

RED SHIFT, an astrophysical phenomenon proving the theory of expanding universe idealized embracing the endless changes and possibilities in the universe. Still recovering from Covid-19 Lockdown this edition was also conducted Online on Paytm Insider.

Speakers:

1. Tanishka Bahl | A melody of the vocal caress | TEDxVIIT - 16k views
2. Metaverse, here is what the future looks like | Gaurav Baid | Gaurav Baid | TEDxVIIT - 2.4k views
3. 2.7 Billion Years and Butter Chicken has been rooting for you | Krish Ashok | TEDxVIIT - 3.4k views

4. Money management mantra for all Women | Hena Mehta | TEDxVIIT - 408 views

5. Enduring the Real Life red shift | Deepak Deshpande | TEDxVIIT - 478 views

6. The "Humane" aspect of design | Kiran Sabnis | TEDxVIIT - 554 views

7. A tale of a traveler | Navin Joshi | TEDxVIIT - 219 views

TEDxVIIT 2023: UNOUND

Unbound" is a concept that implies freedom from restrictions and limitations. Society's conventions and expectations have shaped us into what we are supposed to be rather than what we want to be. It's time to break free from the societal mold and start living life on our own terms.

Speakers:

1. Novoneel Chakraborty - Inside a writers mind
2. Yash Bhalkar - Virtual Reality
3. Prasad Lendwe - Just investing is not enough to become wealthy
4. Atharva Sudame - How can humour become your best friend
5. Sanjeeta Bhattacharya - Reliving the art
6. Ayush Jain - How is an idea formed
7. Danny Pandit - The Creator Economy
8. Madhav Kohli - Augmenting Human Creativity with AI

6. Problems Encountered and Resources Required

Organizing a TEDx event can be a challenging and complex process that requires careful planning, attention to detail, and a commitment to upholding TED's values and guidelines. Some of the problems faced in organizing TEDx events include:

1. Speaker selection: Identifying and selecting speakers who are experts in their field, and can deliver engaging talks that align with the event's theme can be difficult. Speakers may also have scheduling conflicts or may not be able to attend the event due to personal or professional reasons.

2. Timing: Organizing a TEDx event takes time, and finding a suitable date and time can be challenging. The organizers need to consider other events and holidays that may affect attendance and speaker availability.

3.Technical difficulties: Technical difficulties can arise during the event, such as sound or lighting issues, which can affect the quality of the talks and the overall experience for attendees.

4. Compliance: TEDx organizers must adhere to strict guidelines and rules set by TED. Failure to comply with these guidelines could result in the loss of the TEDx license or legal consequences.

5. Marketing and promotion: Promoting the event and generating interest among potential attendees can be challenging, especially for first-time organizers who may not have an established audience or network.

Best practice: 3

1. Title of the Practice

Entrepreneurship Development Cell

2. Objectives of the Practice

The Entrepreneurship Development Cell (EDC) helps students advance in society while also enhancing their value to employers. To impart knowledge and practical experience about how an organization operates and how each of its divisions contributes to the overall success of the business.

3. The Context

The Entrepreneurship Development Cell of VIIT is an amalgamation of technical expertise & business skills.

To encourage, sustain, practice, and actualize entrepreneurship among people by giving them a place to turn their ideas into profitable businesses, the entrepreneurship development cell combines business know-how with technical proficiency. We think that for our nation's economy to flourish, entrepreneurship is a need. Juvenile adolescents are the ones who would update and modify our traditional work ethics for the sake of the country. We try to establish a collaborative environment where students can grow and learn about business. We work to provide a platform where all young minds can explore their potential and apply everything they have learned to the advancement of society.

4. The Practice Manual for Autonomous Colleges

The working team consists of 1st, 2nd & 3rd-year students. They are elected by the committee with the consultation of the mentor after taking interviews.

The work is divided equally between every member by assigning various domains to students.

The domains are as follows:

- President
- Vice-President
- General Manager
- Human Resource
- Finance Leads Manager
- Documentation
- Industry & Public Relations
- Start-up Executives
- Finance Officer
- Operations Executives

President, Vice-Presidents & all the domain heads are from 3rd year. Under each domain head, there are associates assigned from the 2nd year.

The 1st year students don't have any domain & are free to contribute in any domain of their choice as volunteers. The 4th year members work as Advisory Board Members & are consulted if any guidance is

required.

The event heads for Vishwapreneur are from the 4th year team.

5. Evidence of Success

We have successful startups under our cell brought together by aspiring entrepreneurs.

Some of them are:

• Mess Menu- A platform that displays the menu of all the nearest messes so that it will be convenient to make decisions regarding food chains with a revenue model that helps the mess owner to reach the customer base at the time of need.

• Aashray- An android application as a platform for the bachelor (mainly students) to find the desired hostel, flats, and PGs with other benefits (services). Freedom to know your room partner.

• Dinego- Online Table booking system. They can select their seats according to their comfort.

• Escape- A platform where we arrange outdoor fun activities for people of all age groups and help them socialize and spend quality time.

• We Go!- An android application that would schedule your whole day trip and help guide you explore your city and find the best deals at our suggestions. An android application that would schedule your whole day trip and help/ guide you explore your city and find the best deals at our suggestions.

• Helios- Develops affordable devices for blind communities which will help them secure from unknown obstacles. It is helpful for those with macular degeneration, glaucoma, diabetic retinopathy, retinitis pigmentosa, or other visual conditions.

• Trackademic- A blockchain technology to store the educational and work experience of an individual. A secure database system is a one-stop solution for all the problems related to storing, verifying, and tracking history.

• & many more- https://www.edcviit.com/startup2020.html

We also host our annual flagship event "Vishwapreneur" which is one of the national-level E-Summits hosted by our cell. It is a platform where young minds interact with successful entrepreneurs and business typhoons of our country. The aim is to promote an entrepreneurial mindset among students. Up till around 7000 aspiring students, 130+ eminent guests, and 30+ startups incubated.

6. Problems Encountered and Resources Required

The lack of practical knowledge in the entrepreneurial sector is missing in this college setup. Proper mentorship & resources for creative problem solvers are a must. The resources required are college support & guidance for entrepreneurial activities in the campus.

File Description	Document
Best practices in the Institutional web site	[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:

Industry academia collaboration refers to the partnership between academic institutions such as universities, colleges, and research institutions and private sector companies or industries. The objective of such collaboration is to enhance research and development activities and to create new knowledge, product, and services for the benefit of society. The benefits of industry-academia collaborations are numerous. It promotes the exchange of knowledge and skills between academia and industry. Academia provides cutting-edge research and development (R&D) activities, while
industries provide a practical perspective on how this research can be applied to create entrepreneurship. By working with industry, academia can identify new research opportunities and develop new technologies that can be used to create new products and services.

In addition, industry-academia collaboration can enhance the employability of graduates. Collaborating with industry can provide students with practical experience and real-world exposure to the challenges and opportunities in their field of study. This helps them to develop the necessary
skills to succeed in the workspace and become more attractive to potential employers. Furthermore, industry cadmium collaboration can result in the creation of new technologies and products that can be commercialized by the industry. This can create new jobs and economic growth in the region.
Finally, the industry can address important societal issues such as climate change, health, and poverty. This can lead to the development of a new solution that improves people's lives.
Strong industry-academic relation plays a crucial role in preparing students' skills, attitude, and focused approach for successful selection careers path. At VIIT, a separate industry relation cell is being established to look after different collaborations and progressive engagement with the industry. VIIT is focussing the engagement on industry projects, internships, industry visits, collaborative research, technical sessions, joint hackathons, curriculum development, carrier counseling, advisory board members, and placement areas. This will certainly help to gain hands-on experience and develop the skills and knowledge that are in high demand in the job market.
Currently, VIIT has established partnerships with more than 300 industries for industry, internships, project placements, etc. Such partnership also helps to ensure that the curriculum remains relevant and up-to-date with industry trends and demands and students should be benefitted particularly for their placements, internship, and industry projects. The industry relation cell at VIIT comprises a team of dedicated faculty and enthusiastic students who are working dedicated to industry collaboration and engagement. Through this cell VIIT provides access to the industry experts and
mentors who are guiding and supporting their career development during their tenure in the college.

Industry relations activities have shown a significant increase in industry projects, internships, and placements in engineering colleges, with consistent trends since 2017. This is due to the high demand for skilled engineers in various industries and the efforts of colleges to establish strong industry-academic relations.

Till date, we have s**igned 89 MOUs, worked on 200 plus projects, 07 centres of excellence,** and average placements in 5 years is increase almost threefold. Companies like Atlas Copco, Primus Tech System, Honeywell, Rubiscapes, Cisco Network Academt, Infosys Spring Boart etc have established centre of excellence at more than 300 companies have partner with VIIT to provide internships and job opportunities for students. As a result, the average package offered to students has increased significantly and currently it is now 7.5 LPA for core branches.

Paid internships in the IT industry have become increasingly popular in recent years, as companies recognize the benefits of investing in future talent. By offering paid internships, companies attract to talent and can provide them with valuable work experience that prepares them for the industry's demands. These internships also provide students with the opportunity to apply their theoretical knowledge to a real-world situation, enabling them to gain a better understanding of the industry's workings. Furthermore paid internships often lead to job offers, and students who complete them gets the internship-PPO offer. **Till date, more than 126 students get internship + PPO offers.** In addition to paid internships, alumni engagement has become a critical component of ensuring that engineering graduates are industry-ready. By engaging with alumni, engineering colleges can leverage their experiences and expertise to provide students with the skills and knowledge necessary to succeed in the industry. VIIT has conducted more than 50 mentorship programs, guest lectures, and workshops focused on industry-specific skills. Overall, paid internships and alumni engagement have become critical components of ensuring that engineering students are well- equipped for success in the IT industry.

Additionally, VIIT has taken steps to benefit students' careers by offering career counseling courses, and certification courses that focus on developing soft and technical skills, resume writing, logical reasoning, and presentation skills. Our students have also adopted project monitoring tools to ensure their projects are on track and meet industry standards. International university tie-ups and projects have also provided our students with valuable experiences and exposure to global best practices. Furthermore, **AMCAT test** have helped students identify their strengths and weakness, enabling them to improve their employability.

Overall, the increase in industry projects, internships, and placements has had a significant impact on the career development of engineering students, and engineering colleges have played a crucial role in ensuring their success. Apart from industry collaboration VIIT has various clubs and centre of excellence for overall growth of the students.

On-campus placement record

Program /ACADEMIC YEAR	2017-18	2018-19	2019-20	2020-21	202
BTech	212	337	378	415	619

OFF campus record

Program /ACADEMIC YEAR	2017-18	2018-19	2019-20	2020-21	202
Information Technology	80	104	174	185	31

International Placements

Academic Year	Name of company	Annual package	
2018-19	Human Resocia	26,50000/-	

Record of students opted for higher studies

Program /ACADEMIC YEAR	2017-18	2018-19	2019-20	2020-21	202
Information Technology	77	56	53	49	53

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

5. CONCLUSION

Additional Information :

Vishwakarma Institute of Information Technology (VIIT) is always insistent in providing 2-3 months internships during summer vacations apart from regular semesterwide credit based internship. More professionalism is inculcated thorugh providing learning platforms like Linked In and Infosys springboard learning. MoU's with international Universities across the globe is going on with rapid pace for making student exchage programmes sucessfully.

VIIT which was ISO 9001:2015 certified Institute has recently adopted new Educational Objective Management System (EOMS) as part of ISO 21001:2018 ,which is exclusively designed for quality adaption in educational Institutes.

VIIT is a regular participant in surveys conducted by private ranking agencies like Outllook, Data Quest, The Week ,Competition Success review etc.

VIIT student showcase their projects every year in famous exhibitions like IMTEX and CONSTRO .

Concluding Remarks :

Vishwakarma Institute of Information Technology (VIIT) is one of the best institutions in Maharashtra believes in strong academic and research culture and values. VIIT,being an autonomous always attempts to provide curricullum which has good blend of core knowledge and needs of an industries around. Recently efforts are underway to adopt NEP 2020 polices in the curricullum for better flexibility. Curricullum contents more program and open electives which are revised periodically based on the feedback by students and industy. The percentage of revison of the subjects is more than 20%. Apart from academics VIIT believes in overall development of students . To find out better and making the weaker better, institute has a well defined process of identifying advanced and weak learners through examination modules and sucessful batch guardian scheme. Advanced learners are encouraged to take participate in national and international technical cocurricular activies like Robocao, Smart Hackathon etc. Institute has adopted outcome based education since 2013 and attainment of course and program outcomes are monitored scrupously at the end of every academic year.

VIIT has a strong research culture . Students and faculties are encourged to publish papers in international Journal and conferences of repute having higher indexing and citation index. VIIT has good research funding and promtes ametuer researchers through its internal funding schemes. Good academics and research is possible due to its strong insfrastruture facilites and good library and IT resource. VIIT effectively uses the technology in creating excellent learning reseouce through its smart classroom approach and learning management systems.

VIIT provides training for better placements and higher studies. Apart from inclusion of soft skills, personality developement and internship like subjects in curricullum , training by professionals is also provided. Our most sucessfull Alumini helps students in their overall development through formal classroom talks and informally through events like "coffee with Alumini".

VIIT has fully fucntional IQAC which monitors academic planning and implementation to provide best quality education through its well defined process documented as part of new Educational Objectives Management

System (EOMS) in ISO 21001 :2018 certification. VIIT is more sensitive towards environment and energy sustainabilty.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.1.2	**Percentage of Programmes where syllabus revision was carried out during the last five years.** 1.1.2.1. **Number of all Programmes offered by the institution during the last five years.** Answer before DVV Verification : 15 Answer after DVV Verification: 12 1.1.2.2. **How many Programmes were revised out of total number of Programmes offered during the last five years** Answer before DVV Verification : 15 Answer after DVV Verification: 12 Remark : Data updated as per number of programmes available with HEI
1.1.3	**Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years** 1.1.3.1. **Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>47</td><td>47</td><td>32</td><td>10</td><td>15</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>47</td><td>47</td><td>32</td><td>10</td><td>15</td></tr></table>
1.2.1	**Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.** 1.2.1.1. How many new courses are introduced within the last five years Answer before DVV Verification : 206 Answer after DVV Verification: 0 1.2.1.2. **Number of courses offered by the institution across all programmes during the last five years.** Answer before DVV Verification : 806 Answer after DVV Verification: 943 Remark : 1.2.1.1 - Documents are not provided for validation. Hence, the value is ZERO. 1.2.1.2 - As per the data in EP 3.1, the total number of courses value is 943.
1.2.2	**Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).**

1.2.2.1. **Number of Programmes in which CBCS / Elective course system implemented.**
Answer before DVV Verification : 15
Answer after DVV Verification: 6

Remark : Data updated as per the number of programmes available with HEI.As per the metric 2.1.1 data template, HEI is offering only 06 UG programmes under elective system

1.3.2	**Number of value-added courses for imparting transferable and life skills offered during last five years.**

1.3.2.1. **How many new value-added courses are added within the last five years**
Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
20	20	21	2	2

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

Remark : HEI has not provided the documents as per SOP

1.3.3	**Average Percentage of students enrolled in the courses under 1.3.2 above.**

1.3.3.1. **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**
Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
4267	3970	3963	3524	3075

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

Remark : HEI has not provided the supporting documents as per SOP

1.3.4	**Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)**

1.3.4.1. **Number of students undertaking field projects / internships / student projects**
Answer before DVV Verification : 4878
Answer after DVV Verification: 15

Remark : HEI has not provided the sufficient number of internship completion certificates

1.4.1	**Structured feedback for design and review of syllabus – semester-wise / year-wise is received from**
	
	1) Students, 2) Teachers, 3) Employers,
	
	 4) Alumni
	
	       Answer before DVV Verification : A. All 4 of the above
	       Answer After DVV Verification: C. Any 2 of the above

1.4.2	**The feedback system of the Institution comprises of the following :**
	
	       Answer before DVV Verification : A. Feedback collected, analysed and action taken and report made available on website
	       Answer After DVV Verification: C. Feedback collected and analysed
	     Remark : Data updated as per supporting documents.

2.1.1	**Average Enrolment percentage (Average of last five years)**
	
	    2.1.1.1. **Number of students admitted year-wise during last five years**
	    Answer before DVV Verification:
	
		2021-22	2020-21	2019-20	2018-19	2017-18

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1083	1163	1161	975	699 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
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1083	1163	1161	975	690 |
				
				    2.1.1.2. **Number of sanctioned seats year wise during last five years**
				    Answer before DVV Verification:
				
				| 2021-22
					2020-21	2019-20	2018-19	2017-18

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1122	1146	1170	978	690 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
---	---	---	---	---
1122	1146	1170	978	690	 Remark : A number of seats filled can not be greater than sanctioned seats.

2.3.3	**Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)**
	
	    2.3.3.1. **Number of mentors** ?????????????? ???????
	    Answer before DVV Verification : 247
	    Answer after DVV Verification: 247

2.4.2	**Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)**
	2.4.2.1. Number of full time teachers with *Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit.* year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
72	61	53	30	33

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
63	48	38	30	32

Remark : Updated as per supporting documents

2.4.3	**Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)**
	2.4.3.1. Total experience of full-time teachers Answer before DVV Verification : 1913 Answer after DVV Verification: 1909

2.5.1	**Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years**
	2.5.1.1. Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
33	28	29	26	26

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
33	33	33	33	33

Remark : HEI has given one year data. Hence, the values updated accordingly

2.5.2	**Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years**
	2.5.2.1. Number of complaints/grievances about evaluation year wise during the last five years Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
26	00	60	63	27

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
26	00	60	63	27

3.1.2 | **The institution provides seed money to its teachers for research (average per year, INR in Lakhs)**

3.1.2.1. The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
16.23866	2.03842	8.6779	9.32141	7.7214

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

Remark : Values updated as per supporting documents .

3.1.3 | **Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years**

3.1.3.1. The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
5	6	8	14	20

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

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

3.2.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
18	2.30	1.066	31.35	61.88

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
18	2.30	1.066	31.35	12.94

Remark : Data updated as per supporting documents.

3.2.2

Percentage of teachers having research projects during the last five years

3.2.2.1. **Number of teachers having research projects during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
86	65	58	22	14

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
2	3	2	7	1

Remark : Data updated as per sanctioned order provided by the HEI

3.2.3

Percentage of teachers recognised as research guides

3.2.3.1. **Number of teachers recognized as research guides**
Answer before DVV Verification : 24
Answer after DVV Verification: 24

3.2.4

Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

3.2.4.1. **Number of departments having Research projects funded by government and non-government agencies during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2	2	4	3	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18

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| 2 | 2 | 4 | 3 | 3 |

3.2.4.2. **Number of departments offering academic programes**

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |

3.3.2	**Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.** 3.3.2.1. **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.** Answer before DVV Verification: { table } Answer After DVV Verification : { table2 }

Table (3.3.2.1) Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
19	14	2	3	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
19	14	2	3	3

3.4.1	**The Institution ensures implementation of its stated Code of Ethics for research through the following:**
	
	1. Inclusion of research ethics in the research methodology course work
	
	2. Presence of Ethics committee
	
	3. Plagiarism check through software
	
	4. Research Advisory Committee
	
	      Answer before DVV Verification : A. All of the above
	      Answer After DVV Verification: C. 2 of the above
	   Remark : Data updated as per supporting documents,

3.4.2	**Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/ supervisors provided at 3.2.3 metric) during the last five years**
	
	   3.4.2.1. How many Ph.Ds are registered within last 5 years
	   Answer before DVV Verification : 76
	   Answer after DVV Verification: 76
	   3.4.2.2. Number of teachers recognized as guides during the last five years
	   Answer before DVV Verification : 24
	   Answer after DVV Verification: 24

3.4.3	**Number of research papers per teachers in the Journals notified on UGC website during the last five years**
	3.4.3.1. Number of research papers in the Journals notified on UGC website during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
111	100	84	39	34

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
12	7	10	0	2

Remark : Data updated as per supporting documents,

3.4.4	**Number of books and chapters in edited volumes / books published per teacher during the last five years**
	3.4.4.1. **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:

2021-22	2020-21	2019-20	2018-19	2017-18
114	60	63	63	16

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
8	11	9	15	2

Remark : Values updated as per attachments

3.5.1	**Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).**
	3.5.1.1. **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
11.40	7.10484	2.65	7.74021	13.3892

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18

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0	0	0	0	0

Remark : Consultancy amount not reflected in Audited statement. The value updated accordingly

3.5.2	**Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).**

3.5.2.1. **Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2.7568	14.8642	0	0.475	2.125

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
2.7568	14.8642	0	0.475	2.125

3.6.2	**Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
37	36	27	13	5

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

3.6.3	**Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

3.6.3.1. **Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
40	48	38	18	6

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
6	6	6	6	3

Remark : HEI has not provided any report for the activity.

3.6.4	**Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years**

3.6.4.1. **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1432	2528	1943	1876	438

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
500	500	500	500	300

3.7.1	**Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work**

3.7.1.1. **Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
412	467	292	37	195

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
100	100	41	30	20

Remark : HEI must provide the supporting documents,

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

3.7.2.1. **Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18

| 22 | 26 | 18 | 9 | 8 |

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
3	3	3	3	3

Remark : HEI has not provided the copy of MOUs

4.1.3	**Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.** *(Data for the latest completed academic year)* 4.1.3.1. **Number of classrooms and seminar halls with ICT facilities** Answer before DVV Verification : 58 Answer after DVV Verification: 58

4.1.4	**Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)** 4.1.4.1. **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)** Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1232.29	1039.86	405.62	140.05	152.71

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
732.29	539.86	205.62	80.05	52.71

Remark : DVV has excluded the expenditure not done on infrastructure augmentation excluding salary.

4.2.2	**Institution has access to the following:** **1. e-journals** **2. e-ShodhSindhu** **3. Shodhganga Membership** **4. e-books** **5. Databases**

	6. Remote access to e-resources Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: B. Any 3 of the above Remark : Data updated as per supporting documents.
4.2.3	**Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)** 4.2.3.1. **Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)** Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
---	---	---	---	---
871.77	626.94	619.82	503.68	181.54 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
---	---	---	---	---
0	0	0	0	0	 Remark : Annexure A & B, not certified by the Auditor. Hence, the value is deemed as ZERO.
4.2.4	**Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year** 4.2.4.1. **Number of teachers and students using library per day over last one year** Answer before DVV Verification : 117 Answer after DVV Verification: 117
4.3.3	**Bandwidth of internet connection in the Institution.** Answer before DVV Verification : ?50 MBPS Answer After DVV Verification: ?50 MBPS
4.3.4	**Institution has the following Facilities for e-content development** 1. **Media centre** 2. **Audio visual centre** 3. **Lecture Capturing System(LCS)** 4. **Mixing equipments and softwares for editing** Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. 2 of the above Remark : HEI has not provided the bills for the purchase of the Media center., Data updated as per supporting documents.

4.4.1	**Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2650.88	1933.69	1950.41	1654.08	1507.16

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

Remark : Provided audited statements are not signed by the Chartered Accountant for validation. Hence, the value is deemed as ZERO.

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

5.1.1.1. Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2872	2732	2136	1715	1341

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
171	132	204	123	359

5.1.2	**Average percentage of students benefited by scholarships, freeships, etc. provided by the institution and non-government agencies during the last five years**

5.1.2.1. Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
130	99	96	133	59

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
171	132	204	123	359

5.1.3	**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. Awareness of trends in technology
	Answer before DVV Verification : A. All of the above
	Answer After DVV Verification: D. 1 of the above
	Remark : Value updated as per attachment
5.1.4	**Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.**
	5.1.4.1. **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**
	Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
4878	4456	3811	3341	2956

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
4878	4456	3811	3341	2956

5.1.5	**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: C. 2 of the above
5.2.1	**Average percentage of placement of outgoing students during the last five years**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
650	600	552	441	292

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

Remark : HEI has not provided offer letters as per SOP. Values updated accordingly as Zero.

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

5.2.2.1. Number of outgoing student progressing to higher education.

Answer before DVV Verification : 53

Answer after DVV Verification: 53

5.2.3	**Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
39	40	39	45	55

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
19	14	18	17	19

5.2.3.2. Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
53	49	53	56	77

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18

1052	939	908	814	680

Remark : Data updated as per supporting documents. For 5.2.3.2 - Values updated as per EP.2.2.

5.3.1	**Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-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 won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
22	08	52	41	40

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

Remark : HEI has not provided e-copies as per SOP. Values updated accordingly.

5.3.3	**Average number of sports and cultural events / competitions organised by the institution per year** 5.3.3.1. **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
182	152	121	57	08

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
9	6	13	5	5

Remark : HEI has not provided the supporting documents related to the metric. Values updated considering Sports and Cultural activities.

5.4.2	**Alumni financial contribution during the last five years (in INR).** Answer before DVV Verification : B. 10 Lakhs - 15 Lakhs

	Answer After DVV Verification: B. 10 Lakhs - 15 Lakhs
6.2.3	**Implementation of e-governance in areas of operation** 1. **Administration** 2. **Finance and Accounts** 3. **Student Admission and Support** 4. **Examination** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above Remark : Data updated as per supporting documents.
6.3.2	**Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.** 6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>286</td><td>273</td><td>33</td><td>20</td><td>13</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>0</td><td>0</td><td>0</td><td>00</td><td>0</td></tr></table> Remark : HEI has not provided documents as per SOP. The values updated accordingly.
6.3.3	**Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.** 6.3.3.1. **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>25</td><td>16</td><td>9</td><td>17</td><td>11</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>16</td><td>9</td><td>6</td><td>12</td><td>7</td></tr></table> Remark : Values have been updated considering only the " professional development /

	administrative training Programmes " relevant to the metric .
6.3.4	**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).** 6.3.4.1. **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>275</td><td>231</td><td>199</td><td>192</td><td>139</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>35</td><td>22</td><td>28</td><td>28</td><td>24</td></tr></table>
6.4.2	**Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)** 6.4.2.1. **Total Grants received from non-government bodies, individuals, Philanthropers year-wise during the last five years (INR in Lakhs)** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>11.97</td><td>20.45</td><td>23.24</td><td>26.90</td><td>12</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table> Remark : HEI has not provided any supporting documents.
6.5.3	**Quality assurance initiatives of the institution include:** 1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements** 2. **Collaborative quality initiatives with other institution(s)** 3. **Participation in NIRF** 4. **Any other quality audit recognized by state, national or international agencies (ISO Certification)**

	Answer before DVV Verification : All of the above Answer After DVV Verification: 2 of the above Remark : DVV has updated the data as per supporting documents.
7.1.2	**The Institution has facilities for alternate sources of energy and energy conservation measures** 1. **Solar energy** 2. **Biogas plant** 3. **Wheeling to the Grid** 4. **Sensor-based energy conservation** 5. **Use of LED bulbs/ power efficient equipment** Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: C. 2 of the above
7.1.4	**Water conservation facilities available in the Institution:** 1. **Rain water harvesting** 2. **Borewell /Open well recharge** 3. **Construction of tanks and bunds** 4. **Waste water recycling** 5. **Maintenance of water bodies and distribution system in the campus** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: C. 2 of the above
7.1.5	**Green campus initiatives include:** 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants** Answer before DVV Verification : A. Any 4 or All of the above Answer After DVV Verification: C. 2 of the above Remark : Data updated as per supporting documents.
7.1.6	**Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:** 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions / awards** 5. **Beyond the campus environmental promotion activities** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: E. None of the above

7.1.7	**The Institution has disabled-friendly, barrier free environment** 1. **Built environment with ramps/lifts for easy access to classrooms.** 2. **Divyangjan friendly washrooms** 3. **Signage including tactile path, lights, display boards and signposts** 4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment** 5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: B. 3 of the above Remark : Data updated as per supporting documents.
7.1.10	**The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.** 1. **The Code of Conduct is displayed on the website** 2. **There is a committee to monitor adherence to the Code of Conduct** 3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff** 4. **Annual awareness programmes on Code of Conduct are organized** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of programs offered year-wise for last five years** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>15</td><td>15</td><td>14</td><td>14</td><td>14</td></tr></table> Answer After DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>12</td><td>12</td><td>11</td><td>11</td><td>11</td></tr></table>
1.2	**Number of departments offering academic programmes** Answer before DVV Verification : 06 Answer after DVV Verification : 06
2.1	**Number of students year-wise during last five years** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr></table>

| 4974 | 4595 | 3990 | 3524 | 3085 |

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
4974	4595	3990	3524	3085

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1052	939	908	814	689

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1052	939	908	814	689

2.3	**Number of students appeared in the examination conducted by the Institution, year-wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
4938	4528	3905	3467	2972

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
4938	4528	3905	3467	2972

2.4	**Number of revaluation applications year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
26	00	60	151	181

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
26	00	60	151	181

3.1	**Number of courses in all programs year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18

| 202 | 258 | 271 | 228 | 221 |

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
224	192	173	183	171

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
286	273	180	146	188

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
281	196	165	145	187

3.3	**Number of sanctioned posts year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
281	196	165	145	187

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
281	196	165	145	187

4.1	**Number of eligible applications received for admissions to all the programs year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1061	1117	1104	875	634

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1086	1163	1161	975	699

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18

540	540	540	420	300

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
540	540	540	420	300

4.3	**Total number of classrooms and seminar halls** Answer before DVV Verification : 58 Answer after DVV Verification : 58
4.4	**Total number of computers in the campus for academic purpose** Answer before DVV Verification : 1537 Answer after DVV Verification : 1537
4.5	**Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)** Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
3616.15	2884.06	2083.96	1734.34	1521.80

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
3616.1	2884	2083.9	1734.3	1521.80