SELF STUDY REPORT

FOR

1ˢᵗ CYCLE OF ACCREDITATION

YADAVRAO TASGAONKAR INSTITUTE OF ENGINEERING AND TECHNOLOGY

DR. N. Y. TASGAONKAR TECHNICAL EDUCATIONAL COMPLEX, CHANDHAI BHIVPURI ROAD STATION, TAL KARJAT , DISTRICT RAIGAD- 410201
MAHARASHTRA
410201
www.ytiet.com

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

May 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

The Yadavrao Tasgaonkar Institute of Engineering and Technology college was established in the year 2005 with the approval of the All India Council for Technical Education, New Delhi and Affiliated to University of Mumbai.This Institution at present offers four UG courses in Engineering & Technology with a sanctioned intake of 310. Three PG courses in Engineering with total sanctioned intake of 54 and Masters of Management Studies(MMS) with a sanction intake of 60.The Yadavrao Tasgaonkar Institute of Engineering and Technology college, in its 17 years of existence has a reputation as a good institution in the State of Maharashtra in providing education to the rural youth.With a variety of programmes including Civil, Mechanical, Computer & Electrical ,our qualified faculty nurtures all students in the campus.We put most of our efforts on practical and application based knowledge and industry based learning supported by Industry-Institute interaction.Located on the bank of ULHAS river near karjat Maharashtra , the institution spreads over .8.1 acre campus with a beautiful landscape, lush green lawns, and essential services with hostel facility and cafeteria to sustain and enhance living conditions .We are concerned about the needs of the nation to be met with the help of upcoming technologies.

Vision

To develop young minds in a learning environment of high ambience by synergizing spiritual values and technological competence.

Mission

To continuously strive for total growth of students by educating them in the state of art technologies and helping them imbibe professional ethics commitment, so that emerge as competent professionals to meet the global challenges.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Institutional Strength

- Well-developed infrastructure.
- Faculty Retention: Institution has a good faculty retention record. This helps in imparting excellent teaching.
- Location: Institute location is easily accessible to all the Stakeholders. College transport facility available from nearby railway station.
- Adequate IT Facility: Institution has extensive computational facility available for faculty, students and supporting staffs. Computers are upgraded and replaced with required configurations as needed.
- Constant encouragement and support from the Management: Students and staffs are always encouraged

to excel and are provided with all feasible supports.

- Infrastructure: Institution is fulfilling all the mandatory requirements of AICTE. It has adequate number of class rooms, laboratories, library, workshop, drawing hall, toilets, seminar rooms, conference room, auditorium, playground and green environment.
- Well-equipped Labs: Labs are well equipped to fulfil the curricular requirements. The College provides infrastructural facilities, well lighted and airy classrooms, and fully equipped labs with required equipment's.
- Wi-Fi Enabled campus, Library stocked with wide range of reference books, text books, journals, magazines, online resources, and digital library
- Respective HOD's and Lab-in charges look after the utilization of labs. Students are allowed to use labs, on request basis, even after the working hours.
- Well defined governance practice: Institution follows a well-defined academic calendar for the teaching-learning process. Institution conducts orientation and induction program for newly admitted students.
- Supporting Staff: Institution has adequate number of supporting staffs who are very sincere and reliable.
- Dedicated cells and committees: Institution has dedicated training placement cell, women development cell, grievance cell, library committee, students' council, etc. Members of these committees are dedicated for overall growth of students.
- Placement in companies: Institution has good placement record.
- MoU's with leading industries / institutes have been signed for the benefit of the students and faculty to upgrade the knowledge and inculcate the research culture.
- The students are motivated to participate in in-plant training, internships, industrial projects, paper presentation, workshops and seminars.
- Social awareness and social responsibility are instilled in the minds of the students through a number of awareness extension activities. Environmental friendly and harmonious working environment.

Institutional Weakness

Institutional Weakness

- Faculty cadre ratio and qualification: Though every year institution advertises for recruiting suitable candidate for the Professor and Associate Professor Posts, these posts are lying vacant. As on date all faculty have master's degree, very few have PhD degree. Only a few are pursuing PhD. None of the faculty has any significant industry background or associated with any recognised R & D organisation.
- Fund limitation: Institution has scarcity of funds for organising national or international level academic and professional programme. One of the bottleneck for this is scarcity of fund because major source of income is student tuition fees.
- Research, Collaboration and Consultancy: Being the self-financed private engineering college has limited Institution's reach to research oriented industries and consultancies.
- No Foreign University collaboration.

Institutional Opportunity

Institutional Opportunity

1. Strong alumni interaction to enhance the placements and development of our student's collaborative action.

2. Introduce Innovative add-on programs to meet the skill requirement of the students.
3. Establishing Research Labs in Collaboration with Industries & Research Institutions
4. Conducive atmosphere can be created to facilitate higher studies and research. Interdisciplinary projects.
5. Exposure to Foreign Languages other than English

Institutional Challenge

Institutional Challenges

- Stake holders need to work out on industry requirements and plan bridge courses, which will help placement opportunity.
- Availability of quality faculty interested in teaching.
- Educating the rural students with poor communication skills.
- Difficult to adjust and adapt quickly since the academic curriculum is prescribed by the affiliating University only on specified time frame.
- Support research activities: Institution must gear up towards research work and come up with policies for sustainable research and collaboration.
- Affiliated Institution: No central or state grant are available, hence institution depends mainly on tuition fees for meeting the increasing cost of running the institute and its programmes. Finance and fund development process is a challenge.
- To attract Meritorious Students and NRI Students
- Reaching 100% Employability
- Adapting to the Changing trends in Engineering Education

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

CRITERIA 1 Curricular Aspects

The Institute is a self-financed, unaided organisation. All the four UG programs, three PG programs and MMS offered by the Institute are approved by the AICTE, recognized by DTE, Maharashtra and affiliated to University of Mumbai. An academic calendar is prepared at the commencement of every academic year based on the University directions. Various empowered committees are made for effective management and monitoring of various academic and extracurricular activities. Generally, Mumbai University reviews its curriculum every 4 to 5years and incorporates changes with various advancement in the respective fields. The curriculum also includes Mini projects, Project work, laboratory practical's, technical Seminar, and training in latest software's and technologies which is offered under Skill development programme. Academic time tables are prepared by respective coordinators of each department. They prepares and allocated slots for subjects. Subject allocation has been done by the department according to the willingness and experience of the teaching staff. The students are also encouraged to participate in technical symposiums, in our college and at the nearby institutions. They also take up implant trainings, internships during their semester vacation.

Teaching-learning and Evaluation

Criteria 2 Teaching-learning and Evaluation

The Institute is affiliated to Mumbai University and its admission is carried out by the Directorate of Technical Education (DTE), Govt. of Maharashtra. Several initiatives have been taken to address the rural and needy students. To cater to the diverse needs of the students, remedial classes are conducted for students, who are academically weak. Students are assigned with faculties as mentors to look after academic and personal counselling. Institution has experienced and committed faculty and supporting staffs, who are dedicated to impart academic and various add-on activities. In order to have a balanced execution of teaching and learning process and engagement of students, planning is done prior to the commencement of the semester. Experiential and Problem solving learning is the main focus in teaching learning process. The institution promotes ICT friendly teaching through Google Class room and Power point presentations. Central Library is well-stocked with latest textbooks and reference material. Online access to journals and e-resources are provided to all. Syllabus completion status and student attendance are monitored periodically. Suggestions by the staff and feedback from students facilitate in continuous improvement in the teaching-learning process. The institution is practising outcome based education by defining appropriate Program Outcomes and Course outcomes and are shared among faculties and students for appropriate required improvement in the programmes. The institute has consistency in academic results with an average graduation rate of around 90% over the last five years. Faculties are encouraged to keep the latest developments in various technical fields by attending continuous education programs, workshops, and conferences. They are granted with financial assistances and duty leaves. More than 10 % of the total students pursue their higher studies in India and abroad. Fair practices and transparency are maintained in the examination and other evaluation processes. Mechanism to deal with examination-related grievances is transparent, time-bound and efficient.

Research, Innovations and Extension

Criteria 3 Research, Innovations and Extension

Initiatives to promote the research culture and development activities has been taken in the campus to advance research in the coming years. In this direction, the institute has signed up MOU's with reputed Companies for student's benefit providing seminars and workshop on latest upcoming Technologies and also carry out placement activity. Facilities are provided in terms of high-speed internet connectivity, laboratory, and subscription to research journals and encouraging faculties for their research related activities, such as publishing research papers, attending workshops/conferences etc. Students are also encouraged to publish quality technical/research papers. Students are also encouraged to take participation in Inter- college competitions, seminars and workshops. The institute is pro-active to carry out the extension programmes through its various cells. Institute has constructive relationship with NGO for skill development programs. It also organizes various activities through Students Council etc. Every year students and faculties participate actively in community services which include activities like health related campaigning, community teaching, sharing of infrastructure with the local community, sparing old computers and stationaries, etc. Various activities have been organized in near past, such as tree plantations, social awareness to nearby school students and villagers surrounding our campus. Institute has also received the appreciation award for some activities.

Infrastructure and Learning Resources

Criteria 4 Infrastructure and Learning Resources

The institute is located near bhivpuri station karjat, Raigad Maharastra and well connected with local public transport systems. The lush green campus is spread over an area of 8.1 acres of land and a total built-up area of 18193.03 sq.m satisfying the requirements of AICTE. The physical facilities comprise of classrooms, tutorial rooms, well equipped laboratories (as per the AICTE norms), seminar hall, Director's Office, Principal's office, drawing hall, workshop, Training and Placement (T & P) cell. The college has a playground with facilities for outdoor games such as Cricket, Volleyball, Badminton, and Basketball. Fire Extinguishers are in place. Ramps are provided for physically disabled students. Library comprises of 19138 volumes with 6461 Titles, 284 national and 110 international journals, 06 daily Newspaper. Library is having a reference section with photocopy facility. The Library is using commercial software E- Granthalay for automation of Library Services, dedicated computers for the students to access DELNET e-journals, NPTEL, SWAYAM. Institute has a very strong IT infrastructure with regular updates, in terms of hardware, software and firewall system. The institute has 100 and Wi-Fi computers to enable all the stakeholders to have better access to all the learning resources with 60 Mbps internet connectivity for academic and research need. Civil maintenance are carried out by the outside contractors. Adequate inhouse staffs are available for maintaining hygiene and cleanliness of the building. Maintenance of computers, after the warranty period, is taken care of by the Lab technicians supported by system manager and computer centre staffs. Electrical maintenance is carried out by in house electricians. Campus is secured with CCTV's cameras & external security agency. The Institution takes care of all physical, academic, IT and other facilities with effective maintenance support. A Separate hostel is available for boys and girls. Gymnasium for boys and girls are also available in the campus. A dispensary with ambulance facility is available inside the campus. The Institution has power management department to ensure uninterrupted power supply and maintenance of electrical assets. The Institution has power house installed with Diesel Generators of 125 KVA. The maintenance of equipment like Diesel Generator Sets, Air-conditioners, Fire-Fighting Equipment, Drinking water, Water coolers etc. is well undertaken. The Institution provides Cafeteria and Transport facilities which includes buses for all students and staff.

Student Support and Progression

Criteria 5 Student Support and Progression

The Yadavrao Tasgaonkar College of Engineering and Technology College provides number of Student support activities for academic excellence and overall development of the students. The Institution undertakes the responsibility to benefit the students from the Government sponsored scholarship schemes. More than 50% have been sanctioned through Government scholarship schemes for the last five years to support the education of poor and needy students. The Institution provides Capacity building and Skills enhancement initiatives such as Soft skills, Language and communication skills and Computing skills to the students to enrich their knowledge. The college has well established placement cells to provide best placement for the students. More than 70% of final year students have been placed in various companies during the last five years. The institution has a mechanism for redressal of student grievances and conducts meetings for the prevention of mental harassment and anti-ragging cases. The institute organizes number of events to enhance capability of students by internal faculties or by inviting experts for Expert lectures, Field Visits, Workshops and seminars and provide exposure on real life practical aspects. The College has an active Student Council. Student representatives are members of some of the College committees. Students organize various co-curricular and extra-curricular activities at inter-collegiate level. The Institution has various administrative bodies such as

Entrepreneur Development Cell, Students Welfare and Grievance Redressal Committee. Students eagerly participate in all the activities which give them an opportunity to have a sense of social responsibility. The Institute has a registered Alumni Association and Alumni Meet is conducted once in a year to utilize the rich experiences of old students of the college for the benefit and progress of the present students.

Governance, Leadership and Management

Criteria – 6 Governance, Leadership and Management

The Yadavrao Tasgaonkar Institute of Engineering and Technology College aims to impart quality and holistic education with ethical values and mould our students' to become the responsible citizens of our country and also helps to become more sensitive to the needs of the society. Vision and Mission of our College are pursued by efficient governance and guidance through inspired leadership of our Management. Principal, Faculty members, Office staff and IQAC aims to become a part of the institution's system and works towards realization of the goals of quality enhancement. Funds are mobilized from various resources like Students' fees, the fee granted by the social welfare office of the Government against category students and Term Loans from the banks. Representations from Alumni, Parents, Eminent citizens and Industrialists are considered and implemented to improve the quality of education and academic activities of our college. After the Implementation of the Strategic Plans faculties and students actively attended in-house Guest lectures and also attended conferences, workshops, FDP's in other institutions. Various Committees involving staff members are constituted by the Principal to develop the discipline among the student's community, Staff Development, Induction and Orientation Programmes. Performance Appraisal, Feedback and Refresher Courses are our Faculty Empowerment Strategies. . Service rules of the Institute have been formulated as per the guidelines given by the competent authorities such as DTE, AICTE and the Affiliating University. Provident fund is paid by the institution as per the statutory rules. Gratuity scheme is in place. Increments and career advancement schemes are extended to all employees who have continued to work in the organization as per the AICTE guidelines. Faculties are provided with financial support to attend Conferences, Workshops and towards membership fee of professional bodies. Academic council and IQAC closely monitors academic affairs of the college and helps in effective planning. Our Institution collaborates with leading Industries and Academic institutions for skill enhancement, knowledge sharing. Our Institution recognised with ISO quality standards towards education.

Institutional Values and Best Practices

Criteria 7 Institutional Values and Best Practices

The Yadavrao Tasgaonkar institute of Engineering and Technology offers opportunities for holistic growth of students and staff with its core values of commitment. The Institute follows Mumbai University curriculum which includes subjects related to human values and professional ethics. Students are given awareness about the basic constitutional rights to use the college campus for acquiring academic knowledge. The students are encouraged to celebrate the greatness of our nation and its cultural diversity. The college is also conscious of imbibing Social Responsibilities like climate change and environmental issues. Our campus is highly benefited

by locational advantage of being nearest to industries by getting resources for industrial visits and other academic events. The result oriented skill development practices and need based placement support measures that are developed internally resulted in increase in the placements in terms of quality and numbers. The Institute has Woman Development Cell (WDC) which organises events for growth, safety and security of students and staff. Few gender-equity promotion programmes are organized every year that addresses gender equity and ensures gender sensitivity. Our college offers true spirit of education with no discrimination against caste, creed and religion by consistently celebrating all religious festivals with equal importance. The Institutes Grievance Cell helps students and staff to address their problems. YTIET campus is well secured by the compound walls and strong gates. The Institute has closed circuit TV (CCTV) and the security personnel continuously monitor the premises. It has Fire and Safety measures installed in the premises. The institution also facilitates physically disabled, by providing special infrastructure such as ramp for wheel chairs, designated rest rooms etc. The Institute has 8.1 acres of green campus. Continuous efforts are being taken to make the campus plastic free. The Institute organizes different activities to increase the awareness of national identities and symbols. It also celebrates days of National festivals, Teachers day and Engineers day.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	YADAVRAO TASGAONKAR INSTITUTE OF ENGINEERING AND TECHNOLOGY
Address	Dr. N. Y. Tasgaonkar Technical Educational Complex, Chandhai Bhivpuri road Station, Tal Karjat , District Raigad- 410201 Maharashtra
City	Karjat
State	Maharashtra
Pin	410201
Website	www.ytiet.com

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	Nilesh M Pawar	02148-320596	9967640120	-	nilesh.pawar@tasgaonkartech.com
IQAC / CIQA coordinator	Harish K Barapatre	02148-320781	9768140203	-	harish.barapatre@tasgaonkartech.com

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

24-01-2024 08:07:37

State	University name	Document
Maharashtra	University of Mumbai	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	[View Document](#)	07-07-2022	12	

Recognitions

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

Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Dr. N. Y. Tasgaonkar Technical Educational Complex, Chandhai Bhivpuri road Station, Tal Karjat , District Raigad- 410201 Maharashtra	Rural	8.1	18193.03

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	BE,Computer Enginnering	12	CET ENTRANCE EXAM	English	240	149
UG	BE,Electrical	12	CET ENTRANCE EXAM	English	240	49
UG	BE,Mechanical	12	CET ENTRANCE EXAM	English	480	25
UG	BE,Civil	12	CET ENTRANCE EXAM	English	240	22
PG	ME,Computer Engineering	12	GATE OR SPONSORED	English	36	3
PG	ME,Mechanical Engineering	12	GATE OR SPONSORED	English	36	2
PG	ME,Electrical Engineering	12	GATE OR SPONSORED	English	36	1
PG	MMS,Management	12	CET ENTRANCE	English	120	35

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	4				8				58			
Recruited	1	1	0	2	3	1	0	4	21	24	0	45
Yet to Recruit	2				4				13			
Sanctioned by the Management/Society or Other Authorized Bodies	2				3				45			
Recruited	1	1	0	2	2	1	0	3	21	24	0	45
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				27
Recruited	27	0	0	27
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				30
Recruited	27	0	0	27
Yet to Recruit				3

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				6
Recruited	5	0	0	5
Yet to Recruit				1
Sanctioned by the Management/Society or Other Authorized Bodies				6
Recruited	5	0	0	5
Yet to Recruit				1

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/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	0	0	0	0	0	0	0	0	2
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	0	0	0	5	0	0	48	0	0	53
UG	0	0	0	0	0	0	0	0	0	0

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

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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	4	6	0	10

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	95	0	0	0	95
	Female	59	0	0	0	59
	Others	0	0	0	0	0
PG	Male	2	0	0	0	2
	Female	4	0	0	0	4
	Others	0	0	0	0	0

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	26	40	38	89
	Female	13	9	13	19
	Others	0	0	0	0
ST	Male	2	7	5	10
	Female	0	1	0	3
	Others	0	0	0	0
OBC	Male	34	34	72	129
	Female	9	5	13	24
	Others	0	0	0	0
General	Male	54	75	102	211
	Female	7	8	9	20
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		145	179	252	505

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Education with Multidisciplinary components is an academic and pedagogical approach to develop multiple capacities in the intellectual, aesthetic, social, physical, emotional, and moral domains, among the students inside and outside the classroom, by integrating formal and informal learning opportunities and teaching, research and community engagements and promoting cross-disciplinary and interdisciplinary perspectives and academic practice. NEP 2020 suggests that the colleges will be "gradually phasing out the system of 'affiliated colleges' over a period of fifteen years" i.e., by 2035. The phasing out of the system of 'affiliated colleges' shall be supported by the mentoring of the affiliated colleges by the respective affiliating university. We have mooted this to implement in our institution and various steps have been taken including attending seminars and conferences related to NEP 2020, identifying benchmarks from various institutions for multidisciplinary courses and closely following the norms and regulations of the affiliating university.
2. Academic bank of credits (ABC):	As per the UGC Notification on University Grants Commission Notification (28th July, 2021) "Academic Bank Account" means an individual account with the Academic Bank of Credits opened and operated by a student, to which all academic credits earned by the Student from course(s) of study are deposited, recognized, maintained, accumulated, transferred, validated or redeemed for the purposes of the award of degree/diploma/certificates etc. by an awarding institution. Academic Bank of Credits shall be established, on the lines of the National Academic Depository shall have a dynamic website providing all details of Academic Bank of Credits and its operational mechanism for the use of all stakeholders of higher education. Academic Bank of Credits is essentially a credit-based, and highly flexible, student centric facility. Our institution has been in the process of getting approval to apply for registration with Academic Bank of Credits from statutory authorities such as Governing Council, Academic Council and university authorities. Courses undergone by the students through the online modes through National Schemes like SWAYAM, NPTEL, etc. or of any specified university, shall also be considered for credit transfer and credit accumulation.

3. Skill development:	Integrating vocational education with general education is the most promising way to provide for holistic development of the students, equipping them with knowledge, skills and competencies which would prepare them for life and work. We have identified to collaborate with industries for internship to expose the students to the work environment and get the experience of hands-on practice. We are in the process of developing some bridge courses of varying duration depending on the pre-requirements of the course a student intends to move to horizontally.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	NEP 2020 envisages a greater Promotion of Indian Languages, Arts and Culture. The NEP document elaborates on the cultural and knowledge heritage of India, the importance of Indian Philosophy in the renewed perception and influence on the world events, the importance of the Multilanguage multicultural background of the country and the necessity for revitalizing these realms for the betterment of the country and the world. This strategy calls for a paradigm shift in our immediate past educational system (which, in general opinion, has devalued the Indian traditional knowledge). To bring back the glory of the ancestral values and knowledge and a line with AICTE, guidelines the institution has introduced a mandatory course on 'Indian Constitution and Traditional Knowledge' for all the UG and PG students. To augment the lectures in the classroom, standard textbooks on Indian Constitution and Cultural heritage of India have been given to the students. Through the efforts of Fine Arts Club, competitions are being regularly conducted in the regional language for instance Marathi on the contemporary topics on environment, energy conservation, etc., as well as topics on the cultural and ethnic values of India.
5. Focus on Outcome based education (OBE):	The Institute switched over to Outcome Based Education (OBE) in year to impart education through student centric approach and follow outcome-oriented teaching learning process. Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) have been formulated for all the UG and PG programs. Programme Outcomes (POs) represent the graduate attributes formulated as per Washington Accord and adopted by National Board of Accreditation. Programme Specific Outcomes (PSOs) are

	specifically defined outcomes of the programme which the graduates have to acquire by the end of the programme. Program Outcomes (POs), Program Specific Outcomes (PSOs) of all the UG and PG Programmes have been disseminated to the stake holders. In the evaluation process (Continuous Assessment and Semester Examination), the performance of the students in each course are linked to the POs and there after the PSOs and attainment is evaluated. The loop is closed on 360° feedback mechanism to continuously monitor and achieve the Outcome Based Education. Various committees in the College and Department level, keep assessing the attainment every semester.
6. Distance education/online education:	There is a perceptible change in the modes of the Teaching-Learning all over the world and there is a significant shift from all classroom teaching and learning to partly classroom partly online Teaching Learning. This is exhibited in the worldwide popularity of online education like MOOCs, etc. India is also keeping abreast in this new paradigm. Students can take up full time internship in suitable industries. This doubly benefits the students to acquire skills required by the industry and also a favorable career opportunity.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yadavrao Tasgaonkar Institute of Engineering and Technology has set up the own Electoral Literacy Club (ELC) as per the direction of District Election Officer (DEO) and Electoral Roll Officer (ERO). Objective of ELC Engage is to promote awareness of 'Right to Vote' among Faculty Members, Student's and Community at large. Enable critical thinking on issues related to Elections, Rights, Democracies /Non-Democracies electoral system.
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?	Our student coordinators and staff coordinator are actively involved the students in various innovative activities to encourage the students to use their voting rights and spread awareness about the importance of voting among the general public. On requirement basis the club conducts seminars to help students know about their rights and encourage them to

	exercise those rights by participating in the elections.
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.	YTIET Electoral Literacy Club is a platform to engage the students through interesting activities to experience them on their electoral rights and electoral process of registration and voting. YTIET- ELC is also creating awareness among college's students and nearby communities around the campus. The club also encourages students to take part in competitions conducted by SVEEP (Systematic Voters' Education and Electoral Participation Program) as this will help develop their skills and confidence. Our students and staff have participated in the competitions. Our staff coordinator is actively involved in various innovative activities to encourage the students to use their voting rights and spread awareness about the importance of voting among the general public.
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.	Every year students are encouraged do the mini and major projects in Electronics vote Machine (EVM). ELC is creating awareness among the public through posters and participating competition as per the direction of our Social Service Club Committee. A rally is organized by our district collector is every time before the elections on prime location of the district where our students regularly participate actively through our YTIET Social Service Club as an extension activity and propagating democratic values.
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.	The club collaborates along with the District Collector office who is also the District Election Officer (DEO) periodically participate and assign events to the club to create awareness on the importance of voting through various programs like rally, surveys and conducting Competitions.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
210	260	386	771	1224

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

2 Teachers

2.1

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

Response: 154

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

2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
47	42	73	83	91

3 Institution

3.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
34.98	30.85	485.28	220.24	345.57

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

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

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

Response:

Response:

The Yadavrao Tasgaonkar Institute of Engineering and Technology college is affiliated to University of Mumbai (UOM), Mumbai, Maharashtra, and follows the curriculum and syllabus framed for affiliated colleges. The University formulates and revises the curriculum once in four years. The implementation is well documented to have effective monitoring of the curriculum delivery.

Academic calendar:

At the beginning of the academic year an academic schedule is published by the University for UG and PG programmes. The Institution confirms and strictly follows schedule given by the University (UOM). Academic calendar and time-tables are prepared and displayed at least fifteen days before the commencement of the semester on the Institute website and notice boards. Based on this academic calendar for the Institute is prepared which highlights commencement of the classes, last working day, duration of semester, schedule of Internal Assessment Test , End Semester Examinations, Annual Day, Sports Day and Holidays. Seminars, Conferences, Workshops, Guest lectures and Industrial Visits are also planned. For any deviation in the schedule due to unavoidable conditions, event is arranged on later date duly approved by HoD and Principal.

Curriculum Planning:

The UOM curriculum is a blend of Humanities, Basic Science, Basic engineering, Core Courses, Elective courses, Projects and Seminars.

Course Allocation:

Before the commencement of every semester, the course competency matrix is formulated. The course allocation is done based on the choice/expertise of the faculty member. Elective subjects are finalized with the willingness of the students.

Curriculum Delivery Plan:

Before the beginning of the semester the faculties are asked to submit course plan, course material, attendance and assessment record. Teachers are inspired to deliver the curriculum syllabus using innovative methods like PPT presentations, multimedia presentations, assignments etc. Lab manuals are

available in all the labs of all the departments. The curriculum delivery includes traditional teaching and collaborative learning. Attendance and progress of the students are regularly monitored and informed to parents. Monthly attendance record is displayed on the notice board. Those with less than 75% attendance are called with their parents and an undertaking is taken from such students and parents. Extra classes, remedial classes are arranged in such cases. Internal assessment test-I is conducted after 40% coverage of syllabus. Internal assessment test- II is conducted after 70 % coverage of syllabus. End semester examination is conducted by the University

Traditional teaching methods:

It includes preparation of detailed lesson plans, a question bank, lab manuals, lecture notes, tutorials and assignments, and content beyond the syllabus based on the feedback from industry, alumni, and previous year's academic performance of the students.

Collaborative Learning:

Our Institution arranges industrial visits and Guest Lectures every semester per class to bridge the gap between industry expectations and Institution. Internship and industrial projects are arranged for the students to avail practical exposure. Value-added courses are arranged for the students to enrich their knowledge.

Competition Based Learning:

Students are motivated to participate in national competitions conducted in and outside the campus.

All the above process are well documented and reviewed.

File Description	Document
Upload Additional information	View Document

1.2 Academic Flexibility

1.2.1

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

Response: 31

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

Other Upload Files	
1	[View Document](#)

1.2.2

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

Response: 62.08

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

2021-22	2020-21	2019-20	2018-19	2017-18
150	178	150	557	735

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

1.3 Curriculum Enrichment

1.3.1

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

Response:

Response:

YTIET integrates cross cutting issues with the curriculum that creates positive impact on the student in terms of education and social commitment. The curriculum is framed by the university that includes many of these aspects in the curriculum. The cross cutting issues relevant to Gender equality, Environment and sustainability, Human Rights and Professional Ethics etc., make ample space for applying them positively into the curriculum.

Gender Equality (Women Empowerment Cell)

Women Empowerment Cell is formed for Gender Equality which resolves the problem of the girl student's. Various activities in the institution such as International Women's Day, Mother's Day, International Yoga Day, Meditation etc. are celebrated to bring awareness among the girl students and society. This helps them to understand the true rights and significance of the women in the development of the nation.

Environment and Sustainability:

In order to integrate the cross cutting issues relevant to environment and sustainability, University has included different types of courses in the curriculum to bring awareness among students. All programs have a compulsory course of Environmental Science and Engineering in first year curriculum. In this subject, students study basic components of environment and its application to tackle issues like pollution control, green gases etc. The institution has taken the efforts to give awareness on environmental issues and its sustainability to society through extension activities by college student social club. Students indulged in club were motivated to engage in Tree Plantation. The Institution has also adopted rain water harvesting system to increase the recharge of ground water by collecting the rain water from the catchment areas and storing in reservoir.

Human Rights:

In order to integrate human rights into Curriculum University of Mumbai offers Human Rights course for the students. Further our institute follows a transparent system of administration and Committees like Anti-Ragging deals and resolve issues regarding any ragging related misconduct. The committee conducts meeting with students and informs their rights to aware them about its benefits in the society.

Professional Ethics:

Institute level elective Courses are included in the curriculum to study management and ethical practices. Professional ethics encompasses personal and corporate standards of behaviour expected by professionals. Placement Cell of the institute organized placement activities including training, development of students, aptitude test etc. as per the standards require in the industry. Industrial Visits and Internship programs are included in curriculum and experts from corporate are invited to share their views to understand corporate standards and culture.

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

1.3.2

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

Response: 62.38

1.3.2.1 **Number of students undertaking project work/field work / internships**
Response: 131

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

1.4 Feedback System

1.4.1

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

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

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

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 8.43

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

2021-22	2020-21	2019-20	2018-19	2017-18
30	07	00	00	88

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

2021-22	2020-21	2019-20	2018-19	2017-18
417	414	000	000	651

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

2.1.2

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

Response: 6.47

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

2021-22	2020-21	2019-20	2018-19	2017-18
19	02	00	00	27

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

2021-22	2020-21	2019-20	2018-19	2017-18
209	207	000	000	326

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

2.2 Student Teacher Ratio

2.2.1

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

Response: 4.47

2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

Response:

YTIET College provides several experimental and virtual learning methods to analyse and understand theoretical concepts of subjects through software programs in each department such as Python program, PLC and Embedded program, etc., and also provides participative learning activities to impart the scope and objective of education to the engineering students. Multimedia teaching aids like videos, online materials and PPT's are used in the day-to-day learning process that enhances the students' better understanding of the subject. These learning processes develop communication, listening and problem solving skills that improves knowledge of the students for holistic development.

Experiential Learning:

Most of the class rooms have been established as smart classrooms to screen technological videos, PPT'S and online teaching to the students in relevant subjects of every semester. Various industries and academia expert's guest lectures are arranged by the respective departments to provide depth knowledge of relevant subjects. Every semester departments organize Industrial Visits and Internships in company to gain exposure to industrial practices. Students are encouraged to participate in internal/external college workshops, National & International conferences etc. Students are made to carry out mini Projects and main projects to have more experiential learning as required in the curriculum of University.

Participative Learning:

To widen the scope of learning, education has to be greater and more than the syllabus. Students are encouraged to attend in Online Lecture, Tutorials, NPTEL courses and participate in national level competitions, conferences, seminars and workshops in and outside the college. In addition to academics, to be a socially responsible citizen, our college encourages the students to participate in social college activity group, Blood Donation camp with equal enthusiasm to develop their overall personality. Students are executing projects at industry, thereby providing an opportunity to understand higher-level concepts in their domains and get hands-on experience in handling equipment, instruments, and machines. Project work in collaboration with industry help students to acquire practical knowledge and enhance their knowledge through interaction with industrialists/scientists.

Problem-Solving:

Tutorial classes being a part of the course helps to develop problem solving skills among the students. Due to Wi-Fi Free Internet access facilities in the library and campus, students develop the habit of self-learning. Students are offered value added programs that improve their problem solving skills. Project Contest are arranged for students to test their coding skills and work on interesting real world challenges to enhance the learning experience and improving abilities of students to provide solutions to complex problems in the real world.

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

2.4 Teacher Profile and Quality

2.4.1

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

Response: 100

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

2021-22	2020-21	2019-20	2018-19	2017-18
47	42	73	83	91

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	[View Document](#)

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 2.98

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

2021-22	2020-21	2019-20	2018-19	2017-18
02	03	03	01	01

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

2.5 Evaluation Process and Reforms

2.5.1

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

Response:

Conduct of Internal Assessment Test (UG)

Two Internal assessment (IA) tests are conducted per subject in each semester as per the guidelines provided by the University of Mumbai. Assessment test Schedules are mentioned in the Academic Calendar of every semester. The invigilation duty chart, seating arrangements and the instructions for students are prepared by the examination team. Answer sheets for assessment are distributed to respective examiners on the same/next day. In case of any issues or grievances are raised by the students, during & after the Internal assessment (IA) examination, these are reviewed & solved by an expert committee of the examination section. After the conduction of internal assessment (IA) tests, marks are displayed. In-charge of the course resolved the queries if raised by the students after the assessment of answer sheets.

Procedure for Conducting University Practical / Viva-Voce Examinations

The department gets approval from internal examiners from the University of Mumbai. HOD prepared an internal and external examiner panel list for each theory, practical lab/viva-voce, and finalized by the Principal of the institution. The practical and oral examinations are conducted batch-wise. Both Internal and External Examiners prepare mark sheets. The marks are uploaded to the University of Mumbai portal. The hard copies of the marks are submitted to the University.

Procedure for Conducting University Theory Examinations

The examination section displays the examination schedule and fee circular for filling out the examination form on notice boards. BE and FE students fill out exam forms on the University of Mumbai site. SE and TE students fill out exam forms in college and the college forwards these forms to the university. The HOD approves students for examination on the university portal. The Senior Supervisors and Central Assessment System (CAS) in-charges are appointed by the Principal. Question papers are uploaded on the I.T Coordinator mail Id by the University 45 minutes before the start of the examination. I.T Coordinator takes the print of that paper and the Photocopy operator makes copies of question papers as per sitting arrangement. The senior Supervisor team makes invigilation duty, hall, and seating arrangements as per University requirements. Answer Sheets and other required materials are provided by the University of Mumbai. The sealed answer sheets are handed over to the University by the Sr. Supervisor. In case of any malpractice carried out by the candidates, it is reported by the junior supervisor to the senior supervisor and the Principal who is also Chief co-ordinator of the examination.

Students Grievances:

Grievances identified in internal examinations for the student are rectified by the Examination section and Principal. Grievances identified regarding the University Examination such as applying photocopy and revaluation process for the results they obtained, and other grievances like the correction in the mark sheet (DOB, printing mistakes, duplicate grade sheet) are rectified by the University of Mumbai regulations.

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

2.6 Student Performance and Learning Outcomes

2.6.1

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

Response:

Program Outcomes (POs): It represents the knowledge, skills and attitudes the students should have at the end of a course completion of their respective Engineering program.

Course Outcomes (COs): It gives the resultant knowledge and skills the student acquires at the end of each course. It defines the cognitive processes a course provides.

Program Specific Outcomes (PSOs): These are statement that defines outcomes of the program which make students realize the fact that the knowledge and techniques learnt in this course has direct implication for the betterment of society and its sustainability.

The curriculum of programs offered in Yadavrao Tasgaonkar Institute of Engineering and Technology is designed and developed based on Program Educational Objectives (PEO), Program Outcomes (PO) /Program Specific Outcomes (PSO), and Course Outcomes (CO). Assessment and attainment of these outcomes are carried out using a bottom-up approach.

Process of Framing PO and PSO

The National Board of Accreditation (NBA) has recommended twelve Programme Outcomes (PO). Professional expertise and experience Bodies recommend Programme Specific Outcomes (PSO). Every outcome is then divided into smaller categories to form Course Outcomes (CO), which are then converted into the content of suitable courses, i.e. syllabi. Course Outcomes define the resultant knowledge and skills the student acquires at the end of each course, who registers for a course, capable of being able to comprehend the facts, concepts, and procedures (knowledge) with an adequate skill set. This process ensures the mapping of Course Outcomes with POs, PSOs, and PEOs completely. The extent of compliance with the curriculum for mapping and attaining the POs/PSOs is verified and finally, with the approval of the Academic Council, the curriculum is implemented. The college has displayed all PEO, PO/PSO on the college website; also students include all PEO, PO/PSO, and CO in their Laboratory journals. Due to this students and faculty respond to expectations and develop their capabilities in terms of Knowledge, Skills, and Attitude.

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

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

Assessment tools are generally divided into Internal Assessment (which includes Assignments, Experiments, Orals, Practical's, Mini projects, and others) and External assessment (which includes End Semester Exams). The weightage given for internal assessment is 20% and for external assessment 80%. In all, it is 100% weightage given to each course. The threshold is decided for both internal and external assessment tools based on their previous performance or the complexity of the course. The entire faculty set their course outcome targets for every syllabus revision based on the suggestions and guidelines given by the university and self-assessment. The process used is detailed in the attached file.

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

2.6.3

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

Response: 90.63

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

2021-22	2020-21	2019-20	2018-19	2017-18
37	195	262	308	358

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

2021-22	2020-21	2019-20	2018-19	2017-18
59	195	267	347	412

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

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.51

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

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

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

Response: 0

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

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

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

3.2 Innovation Ecosystem

3.2.1

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

Response:

The Yadavrao Tasgaonkar Institute of Engineering and Technology College has formed various cells so as to active flow of information and resources that helps to transform creative ideas into reality by creating an ecosystem for innovation.

lnstitution lnnovation Council (llC)

The institute established IIC. The primary aim of institution Innovation Cell is to encourage, inspire and nurture young students by supporting them to work with new ideas. The IIC also works with external partners to develop collaborative initiatives and build a network of innovators.

Intellectual Property Right (IPR) Cell

IPR Cell provides a platform to share and discuss the latest developments and applications with practical exposure which plays a major role to assist faculty members, students and academic researchers in the patent filing process. IPR Cell promotes knowledge of intellectual property rights through seminars and workshops for professors and students.

Research and Development (R&D) Cell

R&D cell of our institute supports research publication of the faculty in UGC approved journals, national & international journals and conference proceedings. . The faculty members are encouraged to do research and guide research scholars to their creative ideas.

Institute Industry Interaction Cell (IIIC)

The initiative to bridge the knowledge gap between the industry sector and the students is taken care by IIC Cell. The cell organizes various learning opportunities for the students which includes industrial visits, seminars, workshops, guest lectures, etc. through a number of Memorandums of Understanding (MOU) in collaboration with a variety of industries.

Incubation centre

The purpose of Incubation Centre is a space for new age entrepreneurs and young minds to transform their innovative ideas into viable business propositions. The cell provides the necessary facilities and technology assistance so that students can build their innovative start-ups and projects.Entrepreneurship Awareness Camp are organised to encourage entrepreneurship.

Centre for professional development

Professional memberships are intended to assist individuals to advance in their careers and professions. Through a variety of programmes and events planned by the association, Professional Society aims to help enhance their academic, professional, and personality abilities.

Hobby club

Hobby club leads to acquiring substantial skills, knowledge, and experience in the fields of literary, artistic. Various activities in this club inspires students to pursue a hobby and explore their potential in areas like dance, music, theatre, photography, painting, gardening, etc. The college publishes an E-magazine related to these activities.

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

3.2.2

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

Response: 44

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

2021-22	2020-21	2019-20	2018-19	2017-18
11	03	11	10	09

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

3.3 Research Publications and Awards

3.3.1

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

Response: 0

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list 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
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3.2

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

Response: 0

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

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

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.4 Extension Activities

3.4.1

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

Response:

College social club has conducted extension activities in the neighbourhood community to sensitize students to social issues and contribute to their holistic development. Students are encouraged for participation in awareness about topics such as health, hygiene, environment protection, human rights and gender equality. As a part of its environment protection initiatives, College social club has also organized clean-up drives and tree-planting campaigns in remote areas near by our institution. Students have also worked with local communities to improve access to basic necessities such as education, health services, clean water and also organized blood donation camps. Through these activities, College social club has successfully created positive impact on the lives of people in the neighbourhood community.

Centre for COVID-19 Care

Our college hostel rooms were prepared for Covid-19 Care Centre during the COVID 19 period. To improve the lives of those affected, our college has expanded its support for the establishment of the COVID 19 care centre with the District administration team.

Social Ecological Activities

The college provides a plenty of activities for holistic development of students. College students club

organizes activities like awareness programs, blood donation camps, health camps, tree plantation drives etc. These activities help students to develop a sense of social responsibility and commitment towards their society. College students club also conducts activities like, disaster management drills, mock drills, visits to orphanages etc. to inculcate the spirit of humanity, empathy and compassion among the students. Every year, we collaborate with JIWAK AYURVEDIC HOSPITAL, District Raigad , Maharashtra to organize a free eye camp. Through this eye camp we also provide education to the villagers on the importance of eye health and safety, and how to take care of their eyes. By doing this, we are helping to improve the quality of life of the villagers. The social club program focuses on creating awareness about various social issues among the students and also organizes various activities to promote the spirit of service and volunteerism among the students.

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

3.4.2

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

Response:

Introduction

Our students did participate regularly in many events organized by the various colleges of the state and other organization. Also our campus is identified as a central venue for activities such as Medical camps, Blood donation camps, School Campus cleaning program, Awareness rally, Tree plantation, Eye camps, and medical camps etc. The participation of such Corporate Social Responsibility activities are greatly appreciated time to time by the Government officials and recognized.

Blood Donation Camp Award

The college social Club unit of The Yadavrao Tasgaonkar Institute of Engineering and Technology College had jointly organized Blood Donation Camp in the college premises in association with Raigad hospital . In the blood donation camp most of the college students are willingly donating blood. Dean of Medical college raigad hospital has appreciated our efforts and presented certificate as a mark of recognition to the college.

Eye Camp Recognition

Our college is conducting free eye camp every year in association with JIWAK AYURVEDIC HOSPITAL. A village including the surrounding areas in an accessible radius of 2 to 5 Kms is selected for conducting an eye camp. The Yadavrao Tasgaonkar Institute of Engineering and Technology has a separate team of members and Volunteers to look after the community mobilization which also take care of Publicity of the camps, sponsor for effective execution and entire eye camp activity. JIWAK

AYURVEDIC HOSPITAL has expressed their gratitude through Recognition letter for every camp for this activity.

Awareness Program

The Yadavrao Tasgaonkar Institute of Engineering and Technology College organized awareness programs in various Government school premises. It can be used to educate students on a wide range of important social issues such as energy conservation, plastic free environment and health hygienic.

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

3.4.3

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

Response: 41

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

2021-22	2020-21	2019-20	2018-19	2017-18
11	04	08	08	10

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)

3.5 Collaboration

3.5.1

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

Response: 7

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

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

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

Response:

Yadavrao Tasgaonkar Institute of Engineering and Technology has a beautiful landscape, aesthetic architecture, spacious classrooms, well equipped laboratories and good infrastructure spread over 8.1 acres. The Institute has well-furnished, and well ventilated well illuminated classrooms. Classrooms are maintained as per norms for proper visibility and audibility. The classrooms are equipped with adequate furniture, blackboard, projectors, fans, lights and power backup.

ICT Enabled class rooms

The class room, laboratories, seminar halls & Conference hall are equipped with LCD projectors and screens, audio systems, white boards and a computer with Internet connectivity.

Laboratories

The Institution has laboratories as per the regulations of AICTE and University of Mumbai. Adequate and well-maintained equipment to conduct experiments are provided. The laboratories are kept open beyond the working hours depending on the need of the students with required safety measures in the laboratories.

Library

The institution recognizes the importance of the library as a good learning resource. It is updated regularly with the latest books & journals. The central library has a facilitated with Library management Software, reading space, reprographic facilities, Digital library. DELNET, National Digital Library of India (NDLI) membership for access e-resources. The digital library facilitated with internet facility. It enables student's remote access to DELNET e-journals.

Sports

A spacious play ground is available for outdoor and indoor games like Cricket, Football, Volleyball, Athletics, Throw Ball, Kho-Kho and Kabaadi, Table tennis, Carroms, Badminton and Chess. With the co-ordination of Sports in charge and faculty director , all sports are monitored

Cultural Activities

The students participate in the various cultural events organized by the college cultural fest. With good support from the college and excellent participation of students from all the department we are able to incorporate clubs to facilitate all-round development.

Yoga centre and Gymnasium

Yoga Day is celebrated every year in the institute. Awareness on Yoga with practice is included for the students and staff. College has gymnasium and yoga centre for the students and staff to create stress free and healthy environment.

Auditorium

We have auditorium with a capacity of 200 seats with all ICT enabled facilities. This is used for various college functions like students induction program, departmental seminars etc.

Miscellaneous

The facilities also include well maintained garden, playground, RO water plant, Fire Extinguisher, Water Purifier, CCTV Surveillance, Solar lights, Generator, and Rainwater harvesting. College social club extension activities to help and serve the neighbourhood Community.

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

4.1.2

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

Response: 6.89

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

2021-22	2020-21	2019-20	2018-19	2017-18
2.48	2.36	29.8	6.56	35.81

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

4.2 Library as a Learning Resource

4.2.1

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

Response:

Yadavrao Tasgaonkar Institute of Engineering and Technology, have enabled library with E- Granthalay Library management Software (LMS) with perceptual license. This Software Supports for Circulation Control of Book issue & return Entry, Online Public Access Catalogue with Title & Periodical wise Search, General Book Reports in Accession No./Title/Author/Publisher wise. Additionally, software help to track the book in the library and books can be classified by author, subject, and Publisher. Also it can be used for search of lost/misplaced books is possible in a very short time with required Multiple audits.

Catalogue:

Catalogue module is used for retrospective conversion of library resources. The ILMS features are as follows

1. Allows user-generated customized reports

2 .Facilitates authority database of person name

3. Corporate body, subject headings and series name

4. Master database of publishers

Scanning Technology

Library is using systems application and product software for library automation and has implemented barcoded Scanning. All the books are bar coded and bar code laser scanner are used in circulation counter for book transaction. The searching, systematic shelving and circulation of books and journals are made easier by bar code technology after entering the details recording the books / journals in the data base, bar code are printed on the adhesive labels according to the accession number of the book / journals. User id contain the barcoded library reference number of the staff and students.

Circulation:

This module takes care of all possible functions of circulation. Major functions of the circulation module: Membership, Transaction, Inter-library loan, Overdue charges, Reminder, Search status, Maintenance of the items such as binding, lost, replace, missing, withdrawal, etc. and Report generation based on the various requirements.

E-resources Subscription

The college library has various institutional membership for e resources and e-journals. The institute has a membership for National digital library of India (NDLI), NPTEL active local chapter and digital library with 50 Mbps connected to computer in the library. Direct access to online paid DELNET e- journals. Faculty publication and students' publication are accessible in the library. The library has NPTEL video Courses, SWAYAM program and other e -learning resources initiated by government of India.

Library Usage

We can generate and print more numbers of reports like book issued and return reports categorized by accession number, author, subject, department, publisher and title with Monthly reports and yearly report facility. The module records an average of 70% and above users per day.

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

4.3 IT Infrastructure

4.3.1

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

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

Response:

The Institute has ICT-enabled classrooms, well-equipped laboratories, sports facilities, and good infrastructure spread over 8.1 acres, beautiful landscapes, aesthetic architecture, and an eco-friendly environment. The Engineering college has Excellent IT facilities which is primarily designed to provide students and faculty equitable access.

IT Infrastructure Management

The main computer centre of the College supports the Institute with Wide network that connects all the departments, hostels, library and college offices. A separate admin team is taking care of the IT related requirement of the campus such as system administration and technical support which includes software installation, network monitoring, internet connection and digital library. YTET has excellent IT facilities for students and faculty.

Wi-Fi Campus

Internet facility provided through Wi-Fi with a bandwidth of 40 Mbps. Based on the required volume of data transmission, the bandwidth will be further increased. The internet can be accessed from desktop through LAN and Wi-Fi in different department through switches. The entire campus has Wi-Fi access points to access educational resources.

Updating the IT Facilities

Based on the increase student's strength, the number of systems in all the laboratories are updated. As per AICTE norms, the student to the computer ratio is maintained. Based on the requirements, necessary software and hardware devices, computer systems and its peripheral devices are purchased. To carry out project activities, highly configured systems are provided in the laboratories in the campus.

CCTV surveillance

The YTIET campus has a complete CCTV camera system. It helps in monitoring the activities of the students especially during the exam time and others that will makes much easier monitoring the daily activities of the students, staff, workers, and members of the public inside the campus.

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

4.3.2

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

Response: 3.68

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

Response: 57

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

4.4 Maintenance of Campus Infrastructure

4.4.1

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

Response: 13.06

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

2021-22	2020-21	2019-20	2018-19	2017-18
1.83	2.21	58.8	22.09	60.89

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

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

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

Response: 82.99

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

2021-22	2020-21	2019-20	2018-19	2017-18
198	231	357	706	874

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.2

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

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

Response: A. All of the above

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

5.1.3

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

Response: 75.31

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

2021-22	2020-21	2019-20	2018-19	2017-18
210	260	386	771	520

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

5.1.4

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

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

Response: A. All of the above

File Description	Document
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2 Student Progression

5.2.1

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

Response: 0.43

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

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

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

2021-22	2020-21	2019-20	2018-19	2017-18
37	195	262	308	358

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

5.2.2

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

Response: 0

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

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

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

5.3 Student Participation and Activities

5.3.1

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

Response: 0

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

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

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

5.3.2

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

Response: 2.6

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

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

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

5.4 Alumni Engagement

5.4.1

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

Response:

Alumni meet is conducted at college campus. The primary objective of the College Alumni Association is to reconnect, revisit the memories, strengthen the bond, and share the rich experiences gained over the years. The objective is to interact and benefit our students in terms of learning and update current technologies practiced in the industry to the institute students. Seminar/Webinar activities by the alumni help us to know about job opportunities and skill set expected by the industries. The Institute established alumni cell in 2017 to establish a network for being in touch with the corporate world. Every year in Alumni meet from different branches creates awareness about the professional world which paves the path for different opportunities in professional world.

The following are the activities carried out with the help of Alumni

Curriculum Quality Improvement:

Alumni are actively participating to identify the gap in curriculum and suggesting the needed development by means of value-added course modules in the curriculum.

Alumni Advisory board Members:

The Alumni advisory board members participate to find the content beyond syllabus that help us in attaining our targets in Outcome Based Education.

For Recruitment

Many alumni in top positions of reputed and renowned companies are giving the available opportunities in their organization which are shared among the eligible students for recruitment.

For an Entrepreneur:

Successful alumni entrepreneurs are sharing their experience and motivating interested candidates for entrepreneurship. Pinpointing the correct strategies gives a clear idea to the students to upgrade their skills for successful entrepreneurship.

Consultancy for Research:

Research Consultancy work in various Engineering fields is carried out by our Alumni. They are extending their help to our departments by directing or inspiring the entrepreneurs to carry out research consultancy work for the department. These steps help to the employability of the students to become successful engineers.

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

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

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

Response:

Vision:

To develop young minds in a learning environment of high ambience by synergizing spiritual values and technological competence

Mission:

To continuously strive for total growth of students by educating them in the state of art technologies and helping them imbibe professional ethics commitment, so that emerge as competent professionals to meet the global challenges.

Nature of *institutional* Governance:

Good governance is essential for the success of the institution, which ensures that decisions are taken in the best interest of all stakeholders. Various vertical formulated has independent heads to take decisions in consultation with the principal/management so as to be in line with the institution policies. The various cells functioning are Governing Council, Grievance committee, Anti-Ragging Committee, Women Empowerment cell, Training and Placement, R&D, Alumni Association, Institute Industry Interaction cell, student social club, Centre for Professional Development etc.,

Perspective Plans:

The purpose of a perspective plan is to achieve its goals and provide a framework for the organization for making for long-term future decisions. Effective plans to measure progress and proper evaluation of tactical strategies in line with vision, mission of the organization are used to reach its objectives. Plan also includes framing of effective Teaching & Learning Process. Through Industry-Institute interaction employability and Entrepreneurship Development is improved. Extension and outreach activities are also executed. Research activities are also promoted among staff and students. Alumni are engaged for the development of the college.

Teachers Contribution in the Decision Making:

Teachers are involved in decisions for framing teaching curriculum, assessment, institutions policies, and budgets. They are involved in decision making processes to ensure that their expertise opinions are need to be taken into consideration. Teachers are involved to serve as advisors, provide feedback, and develop

proposals for consideration. They identifies the right students as the representatives for various committees and also motivate them for organizing the various events at the department and college level. Effective implementation of the academic and administrative bodies is taken care by Principal by regularly organizing the meetings with IQAC, Governing Council and regular meeting with HOD's to discuss policies, and everyday activities. Heads of the various Departments along with faculty members and administrative team takes the decision for various activities and executes their responsibilities.

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

6.2 Strategy Development and Deployment

6.2.1

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

Response:

Yadavrao Tasgaonkar Institute of Engineering and Technology was Established in 2005 by the Saraswati Education Society offering UG and PG Programmes. Governing Council of YTIET consist of the Chairman, Secretary, Nominees of Management, Members representing Academia, Industry, faculty and the Principal as the Member Secretary. Academic Council carefully drafts policies and procedures regarding academic matters with Principal, Head of Department, Senior faculties of the college, Industry representatives and University nominees as members. The College Academic Committee meeting are regularly held for monitoring and implementation of policies, Academics, Admissions, Training and Placement and reports to the Principal. Heads for Finance, Administration, Computer Centre, Physical Education and Maintenance also report to the Principal. A provision is available for stake holders to give their feedback and suggestions through on-line and suggestion boxes.

Institutional Strategic plan Deployment

1. Establishment of good academic practices and procedures

4. Encouraging Research and Consultancy

5. To develop a smart campus

6. NBA Accreditation for the eligible departments by next 3 years.

7. Maximum Ph.d registration by existing faculty

8. Encouraging the students to participate in co-curricular/extracurricular activities.

9. Maximum number of research paper in reputed International/National Journals with good impact factor by existing faculty members

10. More in-house industry oriented projects for students.

Comprehensive Academic System for effective management is in process that will increase the scope of Campus Surveillance System, Enhancement of energy conservation systems. Wi-Fi access points have been provided in the campus which helps to strengthen the teaching learning process. Surveillance cameras have been installed for the safety of the students and faculty and monitoring the conduction of examinations.

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

6.2.2

Institution implements e-governance in its operations

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

Response: B. 3 of the above

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

6.3 Faculty Empowerment Strategies

6.3.1

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

Response:

Institute's growth most importantly depends on teaching and non-teaching staff. Their productivity, needs and requirements are recognises on a regular basis by the institute and thereby the institution is able to put variety of effective welfare programmes for them. This helps to improve their physical as well as mental health, encouraging for better work environment

Appraisal system

The Yadavrao Tasgaonkar Institute of Engineering and Technology has implemented an appraisal system based on of quality of work, teamwork efforts, efficiency, personnel development and innovation. Necessary training and development opportunities are provided that helps them to increase their productivity to reach their professional goals. Further any grievances from the staff are welcome for rectification if needed.

To evaluate the Performance of the faculties, **appraisal** forms are distributed to the individual faculty. Evaluation Committee comprises of Principal and HoD's of respective department. The Principal evaluates and examines overall performance. Examination is based on the class committee meeting and student's feedback collected through online on various aspects like coverage of syllabus, interaction in class, discipline, Punctuality and the capacity to operate a team.

Appropriate decisions are made based on personal development and performance of that academic year of the faculty member. Complete Evaluation is done in collaboration with Management and Principal

Welfare Measures for Teaching and non-Teaching staff

All leaves such as Casual leave, Earn leave, Medical leave, Maternity leave for both teaching and non-teaching staff Maternity leave for the women staff etc. are sanction if required. Gratuity and Management contribution to Provident fund for both teaching and non-teaching staff are paid. Emergency medical care, An Ambulance and first-aid is available in the campus.

Assistance for Professional growth:

For the professional growth of the faculties' registration fees Dearness & travel allowances are provided for attending various conferences, workshops. Incentives for publications, sponsored research projects, completing Ph.D., to register Patents, to deliver guest lectures, Visits to industry and higher learning Institutes for knowledge acquisition are also provided.

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

6.3.2

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

Response: 1.49

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
01	00	01	02	01

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

6.3.3

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

Response: 7.46

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development**

/administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
19	00	09	05	01

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

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

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

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

Response:

Institute's primary source of funding is tuition fees from the students. The tuition fee is fixed by Government Fees regulating authority. The Institute includes expenses of the infrastructure required for the curriculum, rise in salary through DA, increments, etc. when providing the estimates. We do the estimation of budget that includes capital and operational expenses for that financial year. The Sponsoring trust, THE SARASWATI EDUCATIONAL SOCIETY, extends financial support to the Institute for the shortfall and ensures the availability of requisite funds.

1. Departmental Budget estimation

Based on the estimated budget presented by the HODs of all departments and other competent authorities of the institute, the Principal is producing the consolidated budget proposal and submit it to the Governing Council. The Governing Council approves the budget after considering the income and

expense statement from the previous year as well as the activities planned for the upcoming academic year. Internal and external audit reports are forwarded to management by the Principal.

2. Optimal utilization of resources

Annual budget is prepared to ensure the best use of financial resources. The Managing Committee/Board of Governors approves the amount. Monthly Income and expenditure statements are prepared and presented. Regular Audits are performed to ensure that the budget is being used to its full potential. Facilities and equipment resources, are kept in good condition to ensure peak performance.

3. Internal Audit

The administrative officer finance department manages the collection of tuition fees, salary distribution, tax payment, loan distribution, purchase orders for all required materials. The administrative officer checks the budget. Every year internal audit is done and findings are presented to the Principal by the internal auditor. Management and the Principal responds to the internal audit findings for necessary actions to guarantee that income and expenses are in line with the budget proposal.

4. External Audit

Every year the external auditor chosen by the Management team frequently visits the office to review the financial records. After completing the audit report the auditor presents the audit report to Management for their evaluation. As of the date of the previous external audit, there are no negative comments on the institution's financial situation. The company always submits its income tax returns well before the due date. Any negative comments are rectified on time.

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

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Internal quality assurance cell (IQAC) is formed to impart quality education and to maintain the standards in Teaching learning and evaluation process.

Strategies for Quality Assurance:

- Ensuring timely, efficient and progressive performance to maintain quality of academics and research programmes
- Optimizing and integrating the modern methods of teaching and learning
- Fulfilling requirements of the stakeholders by collecting frequent feedbacks.
- Developing the skills of young engineers through training and development activities.
- Systematic channelizing the efforts of the institution towards academic excellence.

Institute follows various processes towards quality enhancement. Among these few following methods are explained

Mechanism for Feedback:

Frequent feedback is collected from the stakeholders to enhance the quality teaching learning process. The feedback is analysed for suitable remedial action and to realise the true facts.

Industry MOUs:

MOUs reduces the gap between the industries and institution and boost the students to acquire knowledge based on industrial side. Collaboration of industries adds to update knowledge in technology development through Internships and Projects. Industrial training through internship is supporting the student to get placements.

Value Added Courses:

Value added course are used to acquire knowledge and improve technical skills. Acquired Technical skills improves the employability of the students and make them industry ready. It also provides an opportunity to students develop their inter-disciplinary skills and mould students as job providers.

Faculty Development Programs (FDP):

The FDP provides educational coaching to faculty members to improve their work performance in the areas of teaching and research. FDP provides an opportunity to acquire knowledge about current technological developments in relevant fields. Faculty development helps the faculty to improve their professional skills which are useful for carrying out their teaching and research activities in the field of education.

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

6.5.2

Quality assurance initiatives of the institution include:

    1.**Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement**

    initiatives identified and implemented

2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: B. Any 3 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

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

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

Response:

Response:

For gender equity, our college has established Women Empowerment Cell (WEC). The aim is to understand of issues related to girls & women and to make the college campus a safe place for them. College efforts are being made to maintain gender balance among the faculty members and other departments of the college. YTIET has a separate boys and girls hostel. YTIET has Women Empowerment Cell, Grievance, Redressal committee, Anti Ragging Committee for addressing the problems of girls in campus. Students are given awareness about the basic constitutional rights. . International Women's Day and other National festivals for instance Gandhi jayanti, Engineers day, Independence Day and Republic Day are celebrated for spreading unity and harmony among students every year.

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

7.1.2

The Institution has facilities and initiatives for

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

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document

7.1.3

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

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

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document

7.1.4

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

Response:

Response:

Students from various socioeconomic and communal backgrounds are treated with equality and sense of belonging is created in all of them. All religions, languages and cultures are given equal importance in our college. Being a citizen of the nation students are taught and make them aware about their rights, responsibilities and duties towards nation. They are also encouraged to become responsible professionals

contributing for the well-being of the nation.

Initiatives to ensure tolerance, harmony, cultural, regional, linguistic, communal socioeconomic, values, rights duties and responsibilities:

- All National festivals, seasonal festivals are celebrated to change student's attitude towards nature.
- All Religious festivals celebrated teaches them about tradition and values
- Orientation program for fresher's to make them aware about rules, regulations and the opportunities available during their course of study.
- Anti-ragging committee to support the freshers.
- Equal opportunity to all students in academics and also in Placement regardless of their religion, culture, gender and socio-economic background.
- Opportunity to display talents the college celebrates Annual day function, intercollege Sports competition, Cultural day for the students.
- Our college social student club members take active participation in social development events like, medical camps, blood donation campus.
- Value based programs like Yoga, meditation, Ethical Behaviour etc. are done to understand the significance of values for the students through Guest Lectures, Motivational workshops and Seminars. The students are made aware of their rights and duties as a responsible citizen by means of Guest lecturers and awareness camps. Smoking, alcohol and drugs are banned inside the campus and any violators are counselled, warned and monitored till they mend their ways.

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

7.2 Best Practices

7.2.1

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

Response:

Response:

Title: Holistic development of the students

Objectives of the Practice:

- To develop life and academic skills
- Training to develop soft skills and prepared students for Campus Recruitments
- Self- carrier building as per the potential of the students they gain after training.

The Context:

1. Additional skill developing training to meet the expectation of the recruiting companies.
2. Extra grooming for the students admitted through lateral-entry to match their performance with other students
3. Training students to develop the required skills so as to improve their chances of getting recruited in good companies.

The Practice:

1. The Institution provides a well-structured skill training program to all the students.
2. To improve the communication skills in English all first year and other interested students from all the existing programmes, institution is arranging two hours session every week after the completion of academic sessions.
3. Training and Placement department is arranging Aptitude test for second, third and fourth year students every week.
4. To improve the writing, reading skills and representation skills of the students Training and Placement department is arranging weekly sessions with practice test. This helps them, to improve their understanding and representation skills in academics of all the interested students.
5. Eligible Students are also trained to develop skills required for industry by outsourcing trainers.
6. For recruitment purpose students are trained to develop skills in Group Discussions, Resume Preparation and Interview Skills by training and placement department.

. **Evidence of Success:**

1. Above training practices are helping students to be placed in many reputed companies

2. Life of the many students are uplifted through these training of our institution to become a disciplined and best entrepreneur

Problems Encountered:

1. Financial assistance support to the students who could not afford the training because of the poor financial background.

Resources Required:

1. Resources to conduct the training like video lectures on topics in communication and aptitude, on-line exams for practice purpose etc. and professional trainers.

Title of the Practice:

A **Social Upliftment and awareness Campaign by Student Social Club**

Objectives of the Practice

1. Developing a sense of social and civic responsibility. Identifying problems and solutions to the problems in the community by using and utilising their knowledge. To develop skills for mobilising

community participation.

The Context

1. College social student club are engaged in a variety of activities throughout the academic year. Volunteers with rural community people are generating awareness about blood donation, Cleanliness, hygiene and prevention of various diseases.

The Practice

Student social club implemented Swachh Bharat Mission Pogrammes in the campus. All staff members were also involved in this activity.

Evidence of Success

1. These activity helps the students to gain a democratic attitude. They learn social problems faced by villagers and generate a sense of understanding to handle these problems. They gain strength to handle emergency or challenging situations.

File Description	Document
Best practices as hosted on the Institutional website	[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:

The Yadavrao Tasgaonkar Institute of Engineering and Technology (YTIET) is affiliated to University of Mumbai, and approved by AICTE. The Vision, Mission and Quality Policy of the institution are all oriented towards the holistic development of the student. YTIET is the preferred college by economically poor students. Along with the quality education students are encourage to participate in various activities for their overall development. The college offer career prospects for the residents of rural areas.

 Academics Excellence

Efficient faculty members, interactive class rooms and well equipped, laboratory practice sessions, ICT enabled class rooms helps to achieve the vision of the institution All the departments have ICT enabled class rooms. YTIET follows Choice Based Credit System and focus on Outcome Based Education in accordance with University of Mumbai Curriculum.

Student Centric Methods

Innovative teaching learning methodologies are used to enhance the learning experience in the institute. Holistic education is provided through training, Seminars, Workshops, Guest Lectures, Value Added Courses and soft skilled programmes. ICT tools like Power point presentations, Google class room, Online content are used for teaching by faculty members. To develop self-learning skills, students are encouraged to obtain a certification in online courses before the completion of the programme from reputed agencies such as NPTEL. Faculty are encouraged to complete one MOOC for each semester. Students at UG and PG degree levels take up Internships from industries and pursue their projects which give them hands on training in their field of interest.

Soft Skill training

Soft Skill training is provided to improve communication abilities, personality traits etc. which has significant role to play professionally, socially and growth of the individual. Students develop with good soft skills are adaptable to the new role and environment irrespective of the field or industry.

Training and Placement

YTIET has signed Memorandum of Understanding (MoUs) with companies. Training and placement cell of YTIET provides various training activities for the students. Majority of the students are benefited by this activity and are placed in good multinational companies every year. Some students are motivated to pursue higher education, these activities helps them in their preparation for GATE and all other competitive examinations. Training & Placement Cell guides the students to develop `skills and knowledge required to the prospective employers with industry expectation.

Social Service Learning

Students are involved in local community development activities. They visits to social welfare centres, cleanliness campaigns, tree plantation programmes, eye testing camp, blood donation camp etc. Students acquire social skills and become responsible citizen through programmes.

Other Support Systems

Various scholarships are offered by the institution to enable students to obtain education they may not have access to otherwise. YTIET alumni base is another support group that makes a lot of positive and valuable contribution in terms of additional curriculum design and also placement.

File Description	Document
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

Additional information

The primary main aim of our institution is achieve Success with Excellence by imparting value based and industry exposed education to the rural youth of our country. We practices contemporary and global practices in academic, co-curricular, extra-curricular and sports activities for overall development of the students. Our college maintains green campus. College owns its own transport system to facilitate our staff and students to travel. Our students have represented in University and Zonal Level and in various games events. Placement and training department starts training for the student's right from the first year. Industry person's guest sessions are delivered for the students on regular basis. Subject wise remedial classes are conducted for the students to improve the performance of the slow learners. Pollution free environment is maintained in the campus. Solar and LED lights are installed along the streets within the campus to reduce the power consumption. Water pits were constructed for rainwater harvesting. The college is implementing policies for plastic free environment in the campus.

Concluding Remarks :

Conclusion

The leadership of the institute is well in tune with the Vision and Mission of the Institution. We have strong belief that the growth in infrastructure, academics, research as well as in co-curricular, extracurricular and social activities plays a significant role to create awareness in the present-day educational scenario in the country. Exact data collection exercise benefits all our stakeholders. We will continuously fine-tune to achieve high quality output benefitting all our stakeholders. We are grateful to NAAC for providing us the opportunity for self-assessment to achieve engineering excellence. SWOC has provided us the directions to improve in the needed areas. We look forward to seek suggestions and advices from NAAC experts committee for further improvements.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.2	*Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years* 1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years 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>150</td><td>196</td><td>150</td><td>557</td><td>734</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>150</td><td>178</td><td>150</td><td>557</td><td>735</td></tr></table>
2.1.2	*Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years* 2.1.2.1. **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)** 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>17</td><td>03</td><td>00</td><td>00</td><td>31</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>19</td><td>02</td><td>00</td><td>00</td><td>27</td></tr></table>2.1.2.2. **Number of seats earmarked for reserved category as per GOI/ State Govt rule 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>201</td><td>201</td><td>000</td><td>000</td><td>312</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>209</td><td>207</td><td>000</td><td>000</td><td>326</td></tr></table>

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
47	42	64	82	91

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
47	42	73	83	91

Remark : As per supporting documents provided by HEI Input modified

2.4.2	*Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)*

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
02	02	02	00	00

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
02	03	03	01	01

Remark : As per supporting documents provided by HEI Input modified

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
37	195	262	308	358

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
37	195	262	308	358

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
59	195	267	363	428

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
59	195	267	347	412

Remark : As per supporting documents provided by HEI Input modified

---

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	01	01	0

Answer After DVV Verification :

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

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
00	00	00	00	01

Answer After DVV Verification :

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

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
28.27	14.50	38.36	19.72	33.53

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
2.48	2.36	29.8	6.56	35.81

4.3.2

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

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

Answer before DVV Verification : 60
Answer after DVV Verification: 57

Remark : As per supporting documents provided by HEI Input modified

---

4.4.1

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
16.45	13.78	84.56	50.44	60.43

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
1.83	2.21	58.8	22.09	60.89

5.1.3

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
210	260	386	771	520

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
210	260	386	771	520

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

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

Answer before DVV Verification:

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

Answer After DVV Verification :

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
59	195	267	363	428

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
37	195	262	308	358

Remark : As per metric 2.6.3.1 Input modified

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
30	33	32	21	17

Answer After DVV Verification :

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

7	0	2	2	2

6.2.2	*Institution implements e-governance in its operations*
	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 : As per supporting documents provided by HEI Input modified

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

2021-22	2020-21	2019-20	2018-19	2017-18
01	00	01	00	02

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
01	00	01	02	01

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
21	02	09	07	02

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
19	00	09	05	01

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
19	00	09	07	02

Answer After DVV Verification :

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

6.5.2	**Quality assurance initiatives of the institution include:** 1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented** 2. **Academic and Administrative Audit (AAA) and follow-up action taken** 3. **Collaborative quality initiatives with other institution(s)** 4. **Participation in NIRF and other recognized rankings** 5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.** Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: B. Any 3 of the above
7.1.2	**The Institution has facilities and initiatives for** 1. **Alternate sources of energy and energy conservation measures** 2. **Management of the various types of degradable and nondegradable waste** 3. **Water conservation** 4. **Green campus initiatives** 5. **Disabled-friendly, barrier free environment** Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: A. 4 or All of the above
7.1.3	**Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following** 1. **Green audit / Environment audit** 2. **Energy audit** 3. **Clean and green campus initiatives** 4. **Beyond the campus environmental promotion activities** Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above

2.Extended Profile Deviations

ID	Extended Questions
1.2	**Number of teaching staff / full time teachers year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
47	42	64	82	91

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
47	42	73	83	91

2.1   **Expenditure 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
34.98	30.85	485.28	220.23	345.57

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
34.98	30.85	485.28	220.24	345.57