



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		TATYASAHEB KORE INSTITUTE OF ENGINEERING AND TECHNOLOGY, WARANANAGAR
Name of the head of the Institution		Dr. Sunil V. Anekar
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02328224012
Mobile no.		7798885025
Registered Email		principal@tkietwarana.ac.in
Alternate Email		principal.naac@tkietwarana.ac.in
Address		Tatyasaheb Kore Vidyanagari, A/P: Warananagar
City/Town		Tal: Panhala, Dist: Kolhapur
State/UT		Maharashtra
Pincode		416113

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Prof. Gautam S. Kamble			
Phone no/Alternate Phone no.		02328224012			
Mobile no.		9607363272			
Registered Email		gskmech@tkietwarana.ac.in			
Alternate Email		iqac@tkietwarana.ac.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://tkietwarana.ac.in/upload/naac/IOAR%20Report/TKIET%20AQAR%20-2018%20-19.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://tkietwarana.ac.in/upload/naac/Acadamic%20Calender%2019-20.pdf			
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A	3.27	2016	05-Nov-2016	04-Nov-2021
6. Date of Establishment of IQAC			02-Jul-2013		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries	

Preparation of Handbook of Rules, Regulations and Responsibilities of authorities, teaching and non teaching staffs	24-Jul-2020 90	263
Submitted the proposal for getting Academic Autonomy to UGC, New Delhi	19-Feb-2020 1	2500
Planning and execution of online teaching learning mode during pandemic situation	23-Mar-2020 240	2500
Regular meeting of Internal Quality Assurance Cell (IQAC) during this period	16-Dec-2019 1	13
Systematic and Effective Implementation of CBCS pattern for T.Y. B. Tech. of all Program	01-Jul-2020 365	600
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. D.M. Patil, Department of Civil Engineering, TKIET	MODROBS, Rural for Modernization of Concrete Technology and Prototype Testing Lab	AICTE, New Delhi	2019 365	1284000
Dr. V.M Shete, Department of Civil Engineering, TKIET	Minor Industrial Project	SP Concure Pvt. Ltd. Sangli.	2019 180	5000
Dr. V.M Shete, Department of Civil Engineering, TKIET	Minor Industrial Project	Nirman Traders, Pargaon Kolhapur	2019 180	5000
Dr. V.M Shete, Department of Civil Engineering, TKIET	Minor Industrial Project	Chintamani Gosanvardhan &Panchgavya Chikitsa Kendra, Sangli	2019 180	5000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
Submitted the proposal to UGC, New Delhi for getting Academic Autonomy to the institute on 19 Feb. 2020. Accordingly, UGC Expert Peer Team Committee visited the Institute on 06 and 07 November 2020 and conferred An Autonomous Status on 22 December 2020 from current AY 202021 to next 10 years.	
Participation in AICTE CII Survey 2020 21 of best industry linked institute. The submission was done on 10 October 2020. The results were declared on 30 December 2020. The institute is placed under Platinum Category for fifth time.	
Systematic and Effective Implementation of CBCS pattern for T.Y. B. Tech courses which was adopted by Shivaji University, Kolhapur from Academic year 2018 19 for all affiliated colleges.	
In Covid 19 situation, IQAC has created awareness among the faculty and students about effective utilization of virtual teaching learning tools. In relation to same, Institute had organized series of Webinars on Technical and Non Technical areas to address the same. Accordingly, IQAC promoted the faculty members to use virtual tools like Google Meet, MOODLE, YouTube Videos, Google Classrooms etc to complete remaining syllabus, online submission, In Semester examinations and other academic activities. This practice is being followed since 23rd March 2020 to till date in a disciplined manner to overcome the pandemic situation.	
IQAC had initiated the preparation of Handbooks for effective Implementation of Academic, Administrative and Financial mechanism under Autonomous status of the Institute: Entitled: 01. Rules, Regulations and Responsibilities 02. A Path to Implement Autonomy 03. Examination Conduction under Autonomy 04. Guidelines for Financial Approvals under Autonomy These handbooks would help all staffs to know and implement the standard working culture in the institute under the autonomy.	
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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Finalizing the Authority Bodies, Syllabus Structure, Exam and Evaluation Scheme etc under Autonomous status	Series of Sessions have been arranged to finalize the said activities and the process is going till date
Preparation and Execution of Academic Calendar for Semester I and Semester II. It is made available on the institute website	Activities are performed according to the Academic Calendar. It helps to conduct the teaching learning process very smoothly throughout the year
Effective Implementation of CBCS system for T. Y. B. Tech. Courses under Shivaji University Affiliation Programs	Student centric teaching learning process is enhanced. The performance of students in university exam is improved.
Under covid situation, some different trend is expected in admission of current year. Some new admission policies for academic year 2020 21 were decided	It expected that Improvement in overall admissions as compare to previous year due to strategic planning
Submission of proposal for getting Academic Autonomous Status for Institute to UGC, New Delhi on 19 February 2020.	A UGC Peer Team Committee visited the Institute on 06 and 07 the November 2020 and UGC conferred the Autonomous status to the Institute on 22 December 2020 for the next 10 years from AY 2020-21
Participation in AICTE CII Survey 2020-21 of the best industry-linked institute. The submission was done on 10 October 2020.	The results were declared on 30 December 2020. The institute is placed under Platinum Category for the fifth time.
New Policies were adopted for increasing the number of Placement by Training and Placement Committee	For academic year 201920, the placement was done during the pandemic situation by the central training and placement office. 80 plus students placed during Covid19 situaion using online GDPI mode
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	06-Nov-2020
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020

Date of Submission	31-Jan-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Management Information System (MIS) adopted by institution is in partial manual and computerized mode. The main objective of MIS is to collect information of different departments and analyze this information to monitor and control the current activities. Also it is used to prepare future plan for development and quality enhancement. As mentioned in previous AQAR, MIS focuses on broad categories related to Teaching Learning Process, Performance indicators in terms of examination results and placements, training activities imparted, performance and efforts taken by faculty members for self and academic development. The MIS also addresses the RD activities undertaken by faculty members and students. The major aims of MIS implemented for the institute are</p> <ol style="list-style-type: none"> 1. To monitor and enhance progressive academic and administrative performance of each department. 2. To promote and accelerate good practices of teaching and learning activities 3. To ensure enough conduction of co curricular and extracurricular activities 4. To focus more on performance indicators in terms of results and effective placements of students. 5. To promote faculty members and students for undertaking RD projects, publications, and participation in Technical symposium/conferences <p>Quality Parameters of MIS addressed by institute are designed in such a way that every department can oversee its performance periodically and take the action on the areas where they need for better performance and overall improvements. The major parameters under consideration are teaching and learning methodology, Training and placement activities and efforts, co curricular and extracurricular activities, social activities, efforts undertaken for enrollment of students, interactive meetings with stakeholders, and Research, Development and Consultancy undertook by faculty of the</p>

department. The information is collected from each academic department at the end of every month in softcopy as well as hardcopy form. The information submitted is combined together for each quality parameter and emphasis given on analysis of weak areas. This year Covid 19 pandemic situation, lockdown was announced by government in March 2020. During this period, work from home (WFH) mode was adopted by institute for all academic and administrative activities. All faculty reported their work to head of departments and reports of work were submitted in softcopy to institute as MIS for further action. It helped to manage pending teaching learning activities in this situation. Outcomes: MIS has provided administrators and teachers with the information required for planning, policy making, and evaluation. MIS have helped the institute in the areas of quality procedures in Teaching/learning, decision making, human resource management, communication, responsibility, and planning and execution, etc. This MIS system can assist the management in determining the aims of the institute, formulating strategic plans, distributing resources, and evaluating staff performance as well as organizational success. MIS has made entire procedure very easy for formation of documentations as well as reports in the required format during different inspection committee's visit to institute. MIS also helps to plan the activities to interact with outside world to provide the social services for people in and around the institute regions. In pandemic situation, it helped to manage pending teaching learning activities.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

As institute is affiliated to Shivaji University, Kolhapur, curriculum designed by university is implemented for all programs. Curriculum and academic activities schedule are made available well in advanced at the beginning of the

academic year by University. It contains term start date, co-curricular programs list, term end date, examination dates etc. It is mandatory for institute to follow the term start and examination schedule of university. But Institute also prepares its comprehensive academic calendar for every semester. The calendar is presented in IQAC meeting to take approval for its execution. At same time, these all activities are presented by the principal in term start meeting. The main intention of meeting is to inform all activities planned in academic calendar and to take some suggestions for its better implementation. This activity is further followed by the preparation of departmental activity plan. Then these calendars are made available on the website for all stakeholders such as students, parents, etc. Subject allotment to faculty is done in advance and faculty of respective subject is instructed to prepare teaching plan for lectures and practical hours for current year. This teaching plan evaluated by HOD & suggest some corrections if required. This plan helps to deliver curriculum appropriately and makes it more easy, effective and beneficial for all students. The institute has all ICT based classrooms, where faculty can use all ICT based tools such as LCD projector, PPT, Video lectures, internet, Software's etc. Well-equipped laboratories are available for all courses to give actual practical, experimental knowledge and hands on experience to students. During lockdown period, the lectures and practicals of all subjects were conducted in online mode through Google meet, youTube and other online teaching tools. Students and faculties were motivated for online practicals through Virtual Labs. Submission of journals in Pdf and docx format is done through Google Classroom and Moodle. Institute also encourages the students to learn through Moocs like NPTEL, upGrad, Coursera and many other online learning features. Also different webinars were arranged during the lockdown period on various technical and non technical areas for students. Department and central Libraries are available in institute with large number of volumes, latest journals, e- journals etc, so that students can take maximum benefits for their studies. Institute is sharing E-library facility where 4000 e-books are available. To check curriculum delivery, academic audit system is designed. Two academics audits are arranged per semester wherein third person takes review of teaching process in various aspects. The audits and feedbacks are analyzed and corrective actions are taken by the HOD's, Principal, to improve the faculty teaching performance. Academic Co-ordinator is appointed in each Dept. along with Head of Department whose main task is to monitor and co-ordinate activities related to curriculum delivery in the respective departments. To check performance of students, two unit tests are conducted in the semester. The result and monthly attendance are sent to students and parents through SMS. At the end of semester, final practical and theory examinations are conducted by university.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Workshop on PDMS AVIVA	PDMS AVIVA	24/01/2020	07	Last Year Due this Skill Development 3 Students were placed in WTE Projects, Pune	Awareness of Piping Design Development of P and ID
One-week workshop on	AVEVA PDMS	18/12/2019	07	Last Year due to this	Skill improvement

AVEVA PDMS				course one student is placed	in Piping design and development of P and ID
AVEVA PDMS training	AVEVA PDMS	20/01/2020	07	Yes	Skill improvement in Piping design and development of P and ID
Skill India- Field Technician Computing and Peripherals (FTCP)	Skill India	28/10/2020	30	Yes	Skill development to handle problems related hardware and software

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Chemical Engineering (T. Y. B. Tech.)	01/07/2020
BTech	Computer Science and Engineering (T. Y. B. Tech.)	01/07/2020
BTech	Electronics Engineering (T. Y. B. Tech.)	01/07/2020
BTech	Civil Engineering (T. Y. B. Tech.)	01/07/2020
BTech	Mechanical Engineering (T. Y. B. Tech.)	01/07/2020

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	203	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
One Day Webinar on "Professional Career in Chemical Engineering	22/06/2020	210
Spoken Tutorial on	19/01/2020	40

DWSIM		
Practicals on (Virtual-Lab)	16/03/2020	180
One Day Webinar on "Interview Tech."	01/09/2020	38
Gate Mock Test on MOODLE	30/01/2020	54
Aptitude , C Soft Skills by FACE-360 CAPSULE	23/03/2020	32
Imarticus Learning CIBOP workshop on How an Analytics career can be life changing	31/03/2020	6
CATIA-V5-FREE ONLINE TRAINING by 3D Modelling Training	02/04/2020	10
FUEL Future skill online training (In AI, Blockchain,3D Printing, Digital Marketing etc)	03/04/2020	7
TCS-ION Online training	07/04/2020	16
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	In Plant training for Chemical Engineering	104
BE	In Plant training for Civil Engineering	216
BE	Internships CSE	2
BE	In plant Training of Mech. Engg.	190
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
The feedback is collected offline/online at various levels from all stakeholders such as Students, Parents, Employers, Alumni and Parents related

to curriculum development and quality of teaching learning process. These feedback are analysed through well-defined mechanism and discussed in departmental meeting, principal's meeting to decide the action plan. Finally action plan is put in the IQAC meeting for approval and its execution. Suggestions are directed to following bodies for executions as follows

Curriculum development: Informed to university Teaching learning process: Department Advisory Board Reforms in academic system: IQAC Infrastructural Development: College Development Committee Feedback Mechanism: Students Feedback: The Student academic feedback exercise is usually conducted twice in a semester as mid-term feedback and end term feedback. In this process, instructor provides feedback forms for each student and student will give their opinions and suggestions about teaching learning process of different subjects. These feedback forms contain various questions related to subject information delivered by faculty, teaching methodology, communications, syllabus coverage etc. The feedback reports are analysed and communicated to individual faculty in due time and appropriate counselling, guidance or action taken is done by the academic co-ordinator and head of department. During the pandemic, the feedback of all the stakeholders is conducted in online mode through Google Forms. Students also participated in syllabus revision workshop and share their feedbacks for curriculum revisions during workshop. The exit feedbacks are also taken from students at the end of their program. These feedbacks help to enhance the overall performance of institute. Parents Feedback: Every department organizes the two parents' meets in a year. During this, two feedbacks are conducted. First is related to general as well as infrastructural facilities provided to students by institute and second belongs to outcomes based education which addresses the twelve graduate attributes of teaching learning process. Whenever necessary online parents meet were conducted and the feedback is taken in online mode. Industry Institute Interaction (III) cell conducts workshop every year where the personnel from different industries are invited to guide the students. These all industry persons give the feedbacks on curriculum development and overall institute progress. Through Training and Placement Office (TPO) feedback of employers are also taken during campus placement drives. Institute arranges two alumni meets in a year during which feedbacks are collected from alumni. The online feedback system is also available for alumni where they can give their opinion from anywhere about institute and academic activities. The feedbacks related with implementation of outcomes based education based on graduate attributes are evaluated by IQAC and instructed to department to take appropriate steps. The suggestions obtained from curriculum development feedback are communicated to University which will be then considered during syllabus revision workshop. Academic feedback are analysed at department level by academic coordinator and head of department. Then action plan is made to solve the problems identified from feedbacks. Suggestions given about infrastructural development through all feedbacks are discussed in college development committee.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	Electronics & Telecommunication	18	3	3
Mtech	Construction Management	18	13	13

Mtech	Mechanical Engineering (Design Engineering))	18	18	18
Mtech	Chemical Engineering	18	18	18
BTech	Chemical Engineering	60	60	60
BTech	Electronics & Tele Communication	60	47	47
BTech	Mechanical Engineering	180	78	78
BTech	Civil Engineering	180	53	53
BTech	Computer Science & Engineering	180	167	167
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2216	106	113	11	124

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
124	103	5	17	7	8
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

In institution, mentoring system has been established for creating harmony between students and teachers. It also continuously counsel and guide students in educational, personal matter and overall development of the students. A teacher performs as a mentor for 21 -25 students allotted to him/her from the Head of the Department for the concerned academic year. A student must feel confident in his / her mentor. The aims of students mentorship are: – 1. To enhance the teacher-student relationship. 2. To create a healthy and open-ended atmosphere amongst mentoring groups. 3. To enhance students' academic performance and attendance. 4. To minimize students' dropout ratio. 5. To identify slow and advanced learners 6. To monitor the student's regularity and discipline. 7. To enable the parents to know about the performance and regularity of ward. 8. To motivate the students to participate in co-curricular and extracurricular activities for value additions The IQAC had taken the initiative of implementing the mentoring of students. Mentor maintains and updates the mentoring

record after collecting all necessary information like personal details, monthly attendance, In-semester exam marks, participation in different co-curricular and extracurricular activities etc. A special counseling form has been designed by the IQAC to keep the particulars of students. Mentors are expected to offer guidance and counseling as and when students required. It is the practice of a mentor to meet students individually or in groups. If a student is identified as having weakness in a particular subject, it is the duty of a mentor to apprise the concerned subject teacher. At least 3 to 4 meetings are arranged by mentors in each semester. This system has been useful in identifying slow and advanced learners through a careful examination of each mentors report to the college. HOD meets all mentors of their department at least once a month to review the mentoring system and advice mentors wherever necessary. Type of mentoring done in the institution are- 1. Professional counseling –Regarding professional goals, selection of career path and higher education. 2. Career counseling to address the self-employment, entrepreneurship development, opportunities, morale, honesty, and integrity required for career growth. 3. Academic counseling about attendance and performance in unit tests in the present semester and overall performance in the previous semester. Outcomes of the system: a. The attendance percentage of the students has increased to a greater extend. b. Due to direct communication between mentor and the students, there was good improvement in the student-teacher relationship. c. Students get access to a support system (Mentors) during the crucial stages of their academic, personal, professional and career development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2322	124	18.72

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
124	124	Nil	Nil	17

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.G.V.Patil	Assistant Professor	Ph.D VTU, Belagavi
2019	Mrs. B.A.Chougule	Assistant Professor	Permanent Recognition as P. G. Teacher, Shivaji University, Kolhapur
2020	Dr. P. V. Mulik	Assistant Professor	Ph.D VTU, Belagavi
2020	Prof.N.H.Shinde	Associate Professor	Best Project Award -UG, ISTE, New Dehli
2020	Prof.P.J.Patil	Assistant Professor	Best Project Award -PG, ISTE, New Dehli
2019	Mr. R. B. Naik	Assistant Professor	Qualified SET (State Eligibility Test) in Mathematics
2019	Dr.(Mrs) V. D.	Assistant	Recognition as a

	Patil	Professor	M.Phil/Ph.D guide
2019	Dr. A. V. Patil	Assistant Professor	Recognition as a M.Phil/Ph.D guide
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	Applied Sciences	2	28/10/2020	02/11/2020
BTech	Chemical Engineering	2	28/10/2020	02/11/2020
BTech	Electronics T elecommunicatio n	2	28/10/2020	02/11/2020
BTech	Civil Engineering	2	28/10/2020	02/11/2020
BTech	Computer Science and Engineering	2	28/10/2020	02/11/2020
BTech	Mechanical Engineering	2	28/10/2020	02/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Institute is affiliated to Shivaji University, Kolhapur and follows the Examination and evaluation pattern of the university. University has initiated Choice Based Credit System (CBCS) for all UG PG programmes of all affiliated institutes from the academic year 2018-19. The following reforms have been adopted to conduct CIE: • There will be Class Test I and Class Test II during each semester of 30 marks (1 Hour duration) for every theory subject. • Preparing the question papers for the internal examination in the prescribed pattern of Outcome-Based Education for calculations of CO-PO attainments. • After completion of the internal examination, faculty evaluates the answer sheets. This internal assessment has to be carried out within the stipulated time period. These assessed answers books will be distributed to the students for doubt clarifications or re-corrections. • Every subject teacher prepares the model answer of his/ her course and it is made available for the students on the MOODLE. • The evaluation for laboratory courses are assessed in the similar pattern followed for theory courses. For each laboratory sessions, students are assessed through practical performance, regularity during practical, on time journal submissions and viva questions. • The evaluation for project course is assessed by conducting periodical project reviews covering key parameters like problem formulations, understanding of the project, presentation skills, communication of ideas, technical knowledge and teamwork. For failure students in two class tests, makeup test is arranged for performance improvement to fulfill the eligibility criterion.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

• As Institute is affiliated to the Shivaji University, it is mandatory for institute to follow academic and examination activities scheduled by the university. At the beginning of each academic year, the university provides guidelines about the date of commencement of classes and end of the semester activities, schedule of practical and theory examinations, etc. • Institute has constituted the committee to prepare the well-planned institute academic calendar. The committee is headed by the principal, all department heads and other senior faculty. Committee decides the activities to be carried out during the semesters by considering university schedules as well as the inputs were given by the management. • The committee prepares the draft of the Institute Academic calendar which includes a schedule for unit tests, students' feedback, Academic Audit, term-end exam, technical events, guest lectures, parents meet, co-curricular and extra co-curricular activities of the department. This draft is submitted for the approval of management and the head of the institute. • The principal present's final academic calendar in the term starts meeting before all faculty to share the all planned activities. Accordingly department calendars are also prepared in line with the institute calendar. These calendars are displayed on the website for all stakeholders. • Unit tests, Practical Oral, students' feedback, academic audit and End Semester exams are conducted as per the academic calendar. The record of a continuous assessment is maintained by the subject teacher and performance of students are evaluated at the end of a semester.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.tkietwarana.ac.in/NAAC/details.aspx?title=CO%20PO%20of%20Different%20Programs>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Mechanical Engineering	BE	Mechanical Engineering	195	195	100
Computer Science and Engineering	BE	Computer Science and Engineering	122	120	99.17
Civil Engineering	BE	Civil Engineering	190	190	100
Electronics Engineering	BE	Electronics Engineering	21	21	100
Chemical Engineering	BE	Chemical Engineering	72	72	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.tkietwarana.ac.in/NAAC/details.aspx?title=Student%20Satisfaction%20Survey>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**3.1 – Resource Mobilization for Research**

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	365	Chitamani Govardhan Panchgavya Chikitsa kendra	0.05	0.05
Minor Projects	365	Nirman Traders Nave Paragaon	0.05	0.05
Minor Projects	365	S P Concare Private Ltd.Sangli	0.05	0.05
Major Projects	365	IIT, Tata centre for Technology Design	20	20
Any Other (Specify)	365	AICTE, New Delhi	12.84	12.84

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Use of White Cement Value added Products in Construction industries	Civil Engineering	05/06/2020
Tools for Interactive effective online teaching	Computer Science and Engineering	13/07/2020
Why FOSS (Free Open Source Softwares)?	Computer Science and Engineering	01/06/2020
Lets Explore the power of Cloud	Computer Science and Engineering	30/05/2020
Intellectual Property Rights	Computer Science and Engineering	25/02/2020
Syllabus Setting Workshop T. Y. B. Tech.	Computer Science and Engineering	14/01/2020
One Day Teachers' Workshop on R	Computer Science and Engineering	09/11/2020
AVEVA PDMS	Mechanical Engineering	18/12/2019
Electric vehicles	Mechanical Engineering	15/01/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
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Performance Improvement of Blood Transportation Kit By Phase Change Material	Mahesh C Ulhalkar, Prasad Shinde	DOT, Kolhapur	20/02/2020	Performance Improvement of Blood Transportation Kit By Phase Change Material
Performance Improvement of Blood Transportation Kit By Phase Change Material	Prashik L. Walake	AMGOI, Wathar	07/03/2020	Performance Improvement of Blood Transportation Kit By Phase Change Material
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	5500

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	Null

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Chemical Engineering	5	1.78
National	Computer Science and Engineering	2	0
International	Mechanical Engineering	4	0
International	Civil Engineering	1	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Civil Engineering	1
No file uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the	Name of	Title of journal	Year of	Citation Index	Institutional	Number of
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Paper	Author		publication		affiliation as mentioned in the publication	citations excluding self citation
Biofuel from Palmettic Acid	Prof.P.B .Dehankar Prof.V.A.B hosale	ANVESHAN AM-3	2020	1	Tatyasaheb Kore Institute Of Engineering Technology Kodoli, Maharashtra, India	Nil
Assessment of Passive AT in Circular Tube	Prof.P.B .Dehankar Prof.S.A.Desai Prof. V.A.Bhosale	IJSRCS	2020	2	Tatyasaheb Kore Institute Of Engineering Technology Kodoli, Maharashtra, India	Nil
Investigation of Crack Detection Technique in a Rotating Shaft by Using Vibration Measurement	Investigation of Crack Detection Technique in a Rotating Shaft by Using Vibration Measurement	Advances in Industrial Automation and Smart Manufacturing, Springer	2020	4	Faculty of Mechanical Engineering, TKIET, Warananagar, Maharashtra 416113, India	Nil
Theoretical and experimental investigation of effect of boundary conditions on SEA parameters for idealised subsystems	Prof. A. R. Koli	Materials Today: Proceedings, Journal - Elsevier	2020	4	TKIET Warananagar, Kolhapur 416113, Maharashtra, India	Nil
Heat Transfer Characteristics of Nocturnal Cooling System for Clear Sky	Prof. P. V. Mulik, Prof. G. S. Kamble	Indian Journal of Science and Technology	2020	4	Mechanical Engineering Dept, TKIET, Shivaji University, Warananagar	Nil

Climate of Western Maharashtra, India					r, Kolhapur, India
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
No file uploaded.						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	8	Nil	Nil
Resource persons	Nil	2	Nil	Nil
Attended/Seminars/Workshops	Nil	Nil	23	Nil
Resource persons	Nil	Nil	1	Nil
Attended/Seminars/Workshops	1	Nil	Nil	Nil
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Distribution of Arsenic Album medicine for people from villages nearer to institute during Covid	TKIET, Warananagar	30	Nil
Donation to Mentally Challenged School	TKIET, Warananagar	120	Nil
Jakhale Grampanchayat	Shirgaon Grampanchayat	5	18
Tree Plantation and cleanliness at Muslim Dharga at Jakhale	Jakhale Grampanchayat	4	35
Cleaning of College Campus and	TKIET, Warananagar	5	38

Inaugural of NSS			
Financial help to COVID-19 affected area in kolhapur sangli district	TKIET, Warananagar	12	Nil
Financial help to COVID-19 affected area in kolhapur sangli district	Financial help to COVID-19 affected area in kolhapur sangli district	12	Nil
Chhava (Historical Drama on Sambhaji Maharaj)	TKIET, Warananagar	5	120
NSS	TKIET, Warananagar	2	150
Distribution of Face shield for the people	TKIET, Warananagar	5	Nil
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS	Special recognition received from villagers of Shirgoan for excellent organization of NSS camp	Special recognition	75
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
UNNAT Maharashtra Abhiyan	UNNAT Maharashtra	UNNAT	2	15
Women Empowerment Cell	TKIET	Gender Equality	1	150
UNNAT Bharat Abhiyan	UNNAT Bharat	UNNAT	2	15
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
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Workshop on PDMS	18	Self	14
Expert Lecture on Effective use of PowerPoint at YC College, Warananagar	50	Self	1
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Industrial Training Programs	TCS-ION Digital Learning Hub	24/04/2020	10/05/2020	23
Internship	Industrial Training Programs	Udemy: Python3 Programming	02/06/2020	17/06/2020	01
Internship	Industrial Training Programs	Talent Battle - Aptitude Training	10/08/2020	14/08/2020	04
Internship	Industrial Training Programs	Guruskool Institute	01/08/2020	11/08/2020	01
Internship	Industrial Training Programs	Accenture: Digital Skills- Artificial Intelligence	14/04/2020	05/05/2020	02
Internship	Industrial Training Programs	Udemy: German Language	21/03/2020	21/04/2020	01
Internship	Industrial Training Programs	Fundamentals of Digital Marketing by Google	18/05/2020	18/05/2020	02
Internship	Industrial Training Programs	IIM Bangalore: Full Stack Development Course	01/06/2020	30/06/2020	01
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of
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			students/teachers participated under MoUs
RCF Training,Thal	01/01/2020	Industrial Training and Visit	74
Extended field trials on Jaggery process product Improvement Capacity 1 TPD	01/12/2019	Extended field trials on Jaggery process product Improvement Capacity 1 TPD	10
Total Tech Kolhapur	12/03/2020	Advanced Knowledge in Digital Surveying	43
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
85	109.7

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Purna Library Management Solution	Fully	2.0	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	55404	13000760	168	78770	55572	13079530
Reference Books	2172	5867000	1	2500	2173	5869500

e-Books	106165	71390	152	Nil	106317	71390
Digital Database	1018	1050000	Nil	Nil	1018	1050000
CD & Video	4112	Nil	36	Nil	4148	Nil
Library Automation	1	18000	2	30000	3	48000
Others(specify)	Nil	Nil	Nil	31000	Nil	31000
No file uploaded.						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. P. J. Patil and Dr. N. S. Dharashivkar	Experiments of Theory of Machines	YouTube channel Dr. P. J. Patil Technical Videos	27/11/2020
Dr. S. S. Desai	Engineering Mathematics	YouTube channel Mathematics For All By Dr. Santosh Desai	17/09/2020
Mr. R.B. Patil	One week FDTP under ISTE on "Technical Teacher's Training" Trainers profile and welcome	YouTube channel by Mr. R.B. Patil	21/05/2020
Official TKIET YouTube channel	Technical and Non Technical Videos	TKIETWarana Official	05/11/2019
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	780	21	780	15	1	20	680	300	20
Added	0	0	0	0	0	0	0	200	0
Total	780	21	780	15	1	20	680	500	20

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

520 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
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Dr. S.S. Desai	https://www.youtube.com/watch?v=iSdji_ybr88&list=PLvOAhlnL7H4D199DRFipx5Zem4SY75w-C&index=2
Dr. S.S. Desai	https://www.youtube.com/watch?v=zA1SCVy_kMtg&list=PLvOAhlnL7H4D199DRFipx5Zem4SY75w-C&index=3
Dr. S.S. Desai	https://www.youtube.com/watch?v=XC4MDSFpUBE&list=PLvOAhlnL7H4D199DRFipx5Zem4SY75w-C&index=4
Dr. S.S. Desai	https://www.youtube.com/watch?v=4Dtb5-53Sp0&list=PLvOAhlnL7H4D199DRFipx5Zem4SY75w-C&index=5
Dr. S.S. Desai	https://www.youtube.com/watch?v=36vvy0v748I&list=PLvOAhlnL7H4D199DRFipx5Zem4SY75w-C&index=6
Mr. R.B.Patil	https://www.youtube.com/watch?v=JK-FpYC9TxU
Dr. P. J. Patil Dr. N.S. Dharashivkar	https://www.youtube.com/watch?v=rTM-3KyiwHs
Dr. P. J. Patil Dr. N.S. Dharashivkar	https://www.youtube.com/watch?v=lgEI4nr_tzYs
Dr. S.S. Desai	https://www.youtube.com/watch?v=XI5HgXNgiok&list=PLvOAhlnL7H4ATFC740743cXu_foRFhA2
Dr. S.S. Desai	https://www.youtube.com/watch?v=OCdiAf4pg0k&list=PLvOAhlnL7H4ATFC740743cXu_foRFhA2&index=2
Dr. S.S. Desai	https://www.youtube.com/watch?v=F-riL49u96M&list=PLvOAhlnL7H4ATFC740743cXu_foRFhA2&index=3
Dr. S.S. Desai	https://www.youtube.com/watch?v=eMkJJBKpcrO&list=PLvOAhlnL7H4ATFC740743cXu_foRFhA2&index=4
Dr. S.S. Desai	https://www.youtube.com/watch?v=fRxbniBlat4&list=PLvOAhlnL7H4ATFC740743cXu_foRFhA2&index=5
Dr. S.S. Desai	https://www.youtube.com/watch?v=00iYsq8eHfc&list=PLvOAhlnL7H4ATFC740743cXu_fo

	RFhA2&index=6
Dr. S.S. Desai	https://www.youtube.com/watch?v=X6sjDjEjJ1c&list=PLvOAhlnL7H4ATFC740743cXu_fo RFhA2&index=7
Dr. S.S. Desai	https://www.youtube.com/watch?v=byepkS0HU5E&list=PLvOAhlnL7H4ATFC740743cXu_fo RFhA2&index=8
Dr. S.S. Desai	https://www.youtube.com/watch?v=rYbEDBhKnWg&list=PLvOAhlnL7H4ATFC740743cXu_fo RFhA2&index=9
Dr. S.S. Desai	https://www.youtube.com/watch?v=g-Wm-EAmimw&list=PLvOAhlnL7H4ATFC740743cXu_fo RFhA2&index=10
Dr. S.S. Desai	https://www.youtube.com/watch?v=6u84aWWjMKg&list=PLvOAhlnL7H4D199DRFipx5Zem4SY75w-C&pbjreload=101
Official TKIET YouTube channel	https://www.youtube.com/channel/UC3shpbIGJi-Ka2VfZKHn6yO/videos

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
39	34.3	92	11.75

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The institute adopts the established systems and procedure for maintaining and utilizing physical, academic and support facilities. Library: Library is fully computerized with software Purna Library Management Solution. For any issues or problems regarding software, we call technicians of Purna software for service. The Library has provided OPAC for the optimum utilization of Library resources. Pest control has been done in library regularly to maintain books safe. The cleaning staffs are appointed in the Library to look after the sweeping, moping and other work related with cleanliness. Computers: Due to the large number of computers and networking, a System and Network administrator with their staff look after the maintenance of computers and the networking. They maintain the computers and other associated accessories periodically and updates the operating system whenever it is demanded by the department. A networking team is functioning effectively to attend the network related problems. All the computers are regularly checked for both Hardware and Software. All computers are Protected with Wardwiz Consol and shielded with Cyberoam. Laboratory: The institute has allocated a budget to each department for calibration and maintenance of laboratory equipment. All the equipments of the laboratories are periodically maintained by the lab assistants. If the

equipment is to be serviced during the warranty period, the supplier of the equipment will be intimated about the repair and it will be serviced either in-house or in the supplier premises based on the nature of defects. After warranty period if the equipment demands service, the technical staff attached to the respective laboratories service the equipments to the extent possible. When they become non serviceable, they report the matter to the faculty in-charge of the laboratory and he in turn refers the same to the HoD, who arranges to get them repaired. Sports Complex: Sports of the institute are an example of outstanding state-of-art facilities. It has indoor tennis court, swimming pool and Shivneri Kreedangan for Outdoor games. Regular maintenance is carried out for gymnasium, indoor- outdoor stadiums, sports equipment and sport material from experts in the field. Sport material is issued to students as per the schedule. For intercollegiate competitions sport materials are issued to the student for the period of the competition. Classroom: Central time table is designed in such a way that there is maximum utilization of infrastructure and class rooms. There are technicians, plumbers, carpenters deputed by management who ensure the maintenance of classrooms and related infrastructure. Cleaning of classrooms is done on daily basis. Regular cleaning contract is given for outside agency for maintenance of buildings and other facilities. Regular monitoring of electrical and fixtures is done and repaired immediately.

[http://tkietwarana.ac.in/upload/naac/Institutional%20Maintenance%20Policy/Procedures%20and%20policies%20for%20maintaining%20and%20utilizing%20physical%20academic%20and%20support%20facilities%20\(1\).pdf](http://tkietwarana.ac.in/upload/naac/Institutional%20Maintenance%20Policy/Procedures%20and%20policies%20for%20maintaining%20and%20utilizing%20physical%20academic%20and%20support%20facilities%20(1).pdf)

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Institute Scholarship	191	5389366
Financial Support from Other Sources			
a) National	National Scholarships	2638	110338986
b) International	Nil	Nil	Nil

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Analytics career	31/03/2020	6	Imarticus Learning CIBOP workshop on How an Analytics career can be life changing
Aptitude , C Soft Skills	23/03/2020	32	FACE-360 CAPSULE

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Vinay Raoji Kore Career Academy (VKCA), Warananagar AMVI Prelims Classes.	26	26	Nil	Nil
2019	"Awareness of Banking exams for engineering Students" during CDC inaugural function by GATE SPECTRUM ACADEMY	60	60	3	Nil
2019	A Seminar on "Various opportunities for studying in Abroad " by PATH SEEDS KOLHAPUR.	50	50	2	2
2019	A Guest Lecture on CTIF "Project based International Summer Internship Programme (UG Fellowship)" by Vidyanikethan Pune by Dr. Sandip Inamdar	50	50	Nil	Nil
2019	A Seminar on "Various opportunities after completion of B.E. in MBA " by Dr. Mrs. H. V. Gaikwad &	50	50	10	10

	Dr. Mrs. M. V. Jagtap				
2020	A Seminar on "Various oppurtunities after completeion of B.E. in Abroad " by Dr.Mukund Dhuttargaon	100	100	2	2
2020	A Seminar on "Various oppurtunities after completeion of B.E. in MPSC " by Vinay raoji Kore Career Academy.	50	50	2	2
2020	A Seminar on "Various oppurtunities after completeion of B.E. in MPSC " by Mr.S.L.Patil (1st Rank holder in STI 2019 under MPSC)	78	78	Nill	Nill
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Galaxy Surfactants, Mumbai, Praj Industries Ltd, Pune, TCS Pune, Lupin Pharma	2681	208	Span Hydrotech Pvt Ltd, Pune, Amdocs, Pune, Yash Vastu Satara	68	36

Ltd, Mumbai
, Techniche
engineering
Pvt ltd,
Pune, Wipro
Ltd. Pune

Skyline Cons
truction,
Pune

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	Computer Science Engineering	Computer Science Engineering	SRH,Hochsc hule,Berlin, Germany	MS

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	17
GMAT	10
GRE	3
Civil Services	2
Any Other	11

No file uploaded.

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cricket (Men)	Shivaji University, Zonal	432
Cricket (Women)	Shivaji University, (Inter-Zonal)	144
Football (Men)	Shivaji University, (Inter-Zonal)	240
Swimming (Men/Women)	Shivaji University, (Inter-Zonal)	75

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Runner-Open National Level Comp	National	1	Nil	Nil	Nil

etition
Basketball

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Holistic growth of students is possible only when students are encouraged and exposed to a global platform to express themselves in their areas of interest other than academics as well as administrative front. The student's representatives serve on departmental advisory board, Board of Studies, departmental associations, IQAC etc. Activities under students association are completely organized by students. Under this activity, every year students arrange various activities such as Teachers' Day, Engineers' Day, Aptitude Test, Quiz, Group Discussion, Debate Competition etc. Due to CIVID-19 pandemic, most of these functions were conducted through online mode. Inaugurations of the associations had been carried out with experts from various sectors. Besides all the major committees of the college like the IQAC, NSS, NCC, Women's Cell, Marathi Sahitya Mandal etc. have their own student representatives who coordinate the activities and the working of these committees. For inter-college activities the Cultural Secretary takes up the responsibility of forming the team and represent the institute. These activities nurture students leadership qualities, administrative skills, discipline and improves organizational skills. Students are also encouraged to be a part of the extension and outreach activities like NSS, Community Services as an Institute Social Responsibility (ISR) For each committee, there is dedicated faculty coordinator who is responsible for managing all the activities conducted by the students in the committee. Various committees have been structured in the institute: 1) IQAC 2) Anti Ragging and Student Discipline Committee etc. 3) Library committee 4) Gymkhana Committee 5) Cultural Committee 6) Grievance Redressal Committee 7) Hostel and Health Care Committee 8) Women Empowerment Cell 9) Sexual Harassment Prevention committee Apart from this, several cells are in-place for the students. Innovation and Entrepreneurship Development Cell (IEDC) identifies and nurtures the future entrepreneurs of the country. Career Development Cell (CDC) promotes and encourages higher education, competitive examinations and creates awareness about opportunities in abroad. Students feedback, as well as other stakeholders feedback, were recorded before applying for autonomy. In this way, students have participated in the major decision making process of the institute. Now the institute has become autonomous. Students input plays crucial role in the designing and implementation of various autonomy mechanism. Institute will initiate collection of students feedback for above process.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, the institution has registered Alumni Association. Alumni are an institution's brand ambassadors, they carry their core values, qualities and represent the institute across the globe .The ethos and character of the institutions are expressed into their professional and social life style. It organizes Alumni Meet every year since its establishment. Due to COVID 19 situation, this year 7 Virtual Alumni Meets have been conducted. Alumni annual meet covers interactive discussion with alumni and faculty, students on recent trends and technologies, technical advancements. Alumni association seeks the opinion/suggestions of alumni on Institutional development. Alumni interactions happens over social networks and online communication over college website. The chapters of association are formed at major cities like Kolhapur, Ratnagiri,

Pune, Mumbai, Delhi, Madras, Hyderabad, Bangalore in India and Qatar, Dubai in abroad also. Alumni are connected with the institute and association through social media platforms like Facebook, WhatsApp, Telegram and LinkedIn etc. Activities of Alumni Association 1. Chapter Formation: Organizing alumni meets centrally and chapter wise. 2. Providing training to the students. 3. Assisting in placement activity of students. 4. Providing help for needy alumni. 5. Assisting admission activities at institute level. Major contribution from Alumni for institutional development: Alumni have helped the institute in following ways like Donation of books to library, donating licensed software, industrial trainings, placement assistance, scholarship to needy and budding students. The members of college administration and the senior faculty of all the departments Participate in the annual alumni meet on invitation and support for the development of the institution. Aims and objectives of the Association 1. To create liaison with alumnus of the Institution 2. To find the resources available for achieving institutional goals through alumni linkage 3. To be a trustworthy support system to the Institution in executing its vision 4. To inculcate a sense of ownership and belongingness to the Alma Mater 5. To provide active assistance in training and placement activities for students 6. To render assistance to students of the Institute through grants, scholarships and prizes. 7. The institute has produce 10000 plus alumni since its inception

5.4.2 – No. of enrolled Alumni:

11350

5.4.3 – Alumni contribution during the year (in Rupees) :

559796

5.4.4 – Meetings/activities organized by Alumni Association :

7

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Academic Coordinators:- The institute has created a new portfolio to assist the Head of the department in the conduction of Teaching-Learning Process. This decentralization of the responsibility will ease the burden on the Head of Department and Principal to conduct numerous academic and administrative activities . There is a dedicated Academic Coordinators for all departments. Role of Academic Coordinators : (a) Academic Coordinator regularly administers and monitors routine Teaching-Learning activities. (b) Developing positive working relationships with and amongst colleagues. Supervising performance and progress of academics. (c) Develop and manage comprehensive academic support program (d) Collaborate with faculty to conduct new student workshops (e) Work with parents, teachers and counselors to address students' behavioral, academic, and other problems (f) Assist in the development of training modules and programs.(g) To coordinate with teachers and center coordinators to develop lesson plans and materials (h) He also suggests training programs for the staff so that they can teach new programs. He can suggest the recruitment of new staff to meet program requirements. (i) While the programs are going on, he gives advice to the teachers and students on any problems or difficulties faced during classroom lectures and learning activities. 2. Committees : Various committees are formed to decentralize and delegate the task for the smooth functioning of the college. The Coordinators of the committees are given responsible freedom to conduct academic, co-curricular, and extra-curricular activities for the holistic development of the students with the consultation

of the committee members and after obtaining the approval of the Principal. Committees are as follows, a] Internal Quality Assurance Cell (IQAC) b] Library Management Committee c] NSS Committee , Extension Activities Students Welfare Committee d] Annual Prize Distribution Committee e] Publicity Public Relation Establishment Committee f] Prospectus Committee g] Website Development committee h] College Annual Magazine Committee I} Environment Awareness ,Green Audit and Garden committee J] Alumni Association Monitoring Committee K] Students Grievance Redressal Committee l] Purchasing and Building Maintenance Committee m] College Students Monitoring Committee n] Sports Committee o] Time Table Committee p] Admission Committee q] Research Innovation Cell r] Anti-Ragging Committee s] Cultural Events Committee

3. Involvement of Faculty : Faculty members are representating in various committees/cells and allowed to conduct various programs to showcase their abilities. Faculty members are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities. They are also given the authority to conduct industrial tours and to have to tie up with industry experts and appointed as coordinator and convener for organizing seminars/ workshops/ conferences/FDPs

4. Participative Management : Management has invited suggestions from all faculty members before going for academic autonomy implementations. All faculty members were affirmatively stated their views and management has decided to go for autonomy. Currently, the institute received an autonomous status.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	<p>1. The institutes Internet bandwidth is upgraded from 320 Mbps to 520 Mbps</p> <p>2. During pandemic situation teaching learning process never stopped due to ultra-modern ICT tools and IT infrastructure.</p> <p>3. During pandemic, all the faculty have adopted several online conference/meeting platforms (Web or Mobile App) for the conduction of classes and practicals</p> <p>4. A dedicated Web portal is created for utilization of e-learning resources. It also includes access to contents created by faculty.</p> <p>5. NPTEL Local Chapter and NPTEL Certification Center has been initiated</p> <p>6. Unauthorized access to Server rooms is prohibited by implemented Face and biometric access.</p> <p>7. IP/Internet CCTV surveillance network is developed and installed in prominent places.</p> <p>8. Central Data Centre Equipped with extensive servers and data Storage repositories, FTP Servers.</p> <p>Library:-</p> <p>1. Central Library committee gives guidelines for improving the quality of library resource.</p> <p>2. Automation in Library management is increased with the help</p>

of Library Information Kiosk (Touch Screen) 3. Each Department has its own departmental Library facility Physical Infrastructure:- 1. Campus is equipped with surveillance camera at prominent places 2. Dedicated Food court and canteen facility 3. Sanitizers, disinfectants, thermo screening guns etc were purchased because of COVID - 19 pandemic. 4. Hand operated portable Fire Extinguishers 5. Campus beautification through gardening

Curriculum Development

1. Active participation of faculty in syllabus revision and restructuring workshops for UG / PG (CBCS pattern), conducted by the institute/university. 2. Faculty are encourages to include the recent trends as per industry standards in the syllabi. This will assist to minimize the industry-academia gap. 3. Students' learning experience is enriched through seminar presentations, project based learning such as mini project, mega project, domain-specific-mini projects, industry-sponsored projects etc.

Teaching and Learning

1. ICT based teaching is encouraged by faculty through variety of MOOCs, Moodle, Virtual Laboratory, Spoken Tutorials etc. 2. ICT based learning is widely promoted among the students' community 3. Remedial classes for slow learners 4. Department meetings on Teaching-Learning policies are held regularly and minutes were neatly documented 5. All academic activities are neatly executed as per academic calendar 6. Periodic academic progress and assessment of students are monitored through conduction of Unit Tests-I/II, Prelim examinations, mock viva, mock project presentations etc 7. Online lectures, submissions, unit tests were conducted through meeting platforms like Moodle, VLAB, Spoken Tutorials etc.

Examination and Evaluation

1. Two internal Unit Tests are conducted per semester. For the First Year students, in additional, Fortnight Test and a Preliminary Examination are conducted. 2. Model questions and model answers prepared by the faculty and displayed on the notice board. 3. Timely assessment of Tests is done and the result is displayed. 4. Theory examination and Practical/Oral Examinations are conducted as per

University schedule. 5. The Faculty contributes in the examination work like- question paper setting, invigilation, oral exam conduction and assessment work. 6. Continuous evaluation by online exam MCQs conducted by University. 7. Continuous internal evaluation process for Term work/ Lab work. 8. Final Theory examination (off line) conducted by University. 9. For autonomous planning, institute has reformed the Examination cell with proper infrastructure and manpower. 10. The institute is planning to purchase the dedicated software for the examination cell which helps in assessment and result declaration.

Research and Development

1. The faculty are encouraged to upgrade their qualification to research programs 2. Students are encouraged to participate in paper presentation, projects, competition. 3. Faculty are encouraged to apply for research grants by government bodies (AICTE/UGC/RGCST) for their projects 4. The department conducts seminars and workshops for inculcating research culture among students and faculty. 5. The institute/ departments arrange guest lectures by eminent researches on emerging and new areas of research 6. More faculty have enrolled for PhD and were awarded the degree 7. Faculty are encouraged to present papers at State / National / International level and publish papers in UGC / University / SCOPUS journals

Human Resource Management

1. The institute has a well-defined policy to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/seminars) 2. The institute promotes faculty to participate in several faculty development program, induction program, and similar other programs for career promotion, capacity development and knowledge enrichment.

Industry Interaction / Collaboration

1. Industrial visits to industries are conducted by all departments. 2. Experts from industries invited for panel discussions and lectures. 3. MOU's signed and activities conducted as per the requirements 4. Through linkages and collaborations between departments and institutions co-curricular and extra-curricular

	activities conducted
Admission of Students	<p>1. Admission of the students is through a student centric Central Admission Process(CAP) conducted by a State Government body DTE (Directorate of Technical education) 2. The institute adopts following strategies to attract quality students a) The excellent infrastructure provided by the institution is well accepted by the students as well as parents b) Institute is able to attract and retain well qualified and motivated faculty. c) Excellent Academic results in University examination. d) Dynamic Training and Placement activities. e) Institutional scholarships to meritorious students f) Encouraging extra-curricular and co-curricular activities. g) Maintaining Ragging-free environment h) The institute conducts admission process awareness programmes, counselling sessions for prospective students</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Examination	<p>1. Students registration form for examiantions are online. 2. The hall tickets are received online. Internal exam results are put up in college website for access to students. End exam results are available in the college website. 3. All correspondence to University like communicating the end exam results, copies of provisional certificates, are all communicated to university through online university templates. 4. Institute runs authorized CAP (Centralized Assessment Process) center for the theory paper assessment of university examinations.Marks are fed online in the University CAP portal which helps in the quick declaration of examination results.</p>
Planning and Development	<p>1. To develop and maintain necessary infrastructure, Planning and Development committee performs the infrastructure maintenance periodically. 2. Committee includes expert Electricians, plumbers,etc. 3. In-house development/fabrication is encouraged through Mechanical Engineering Workshop.</p>
Administration	<p>1. All the procedure of Admission, Enrolment/Registration, Examination</p>

	form filling, Revaluation etc processes are carried out by e-governance 2. Records of provident fund, income tax details are effectively managed by using computerized systems. 3. The college has Biometric attendance for teaching and non-teaching staff. 4. The college campus is equipped with CCTV surveillance Cameras at prominent places
Finance and Accounts	1. Functions of the finance and accounts department is precisely defined and strictly followed with proper accounting practices making record of each financial transaction using softwares like Tally and Biyani e-governance mechanism. 2. This helps to keep records of receipt of funds, staff salary and all types of purchases and payment of various utility bills and taxes. 3. Fully implemented Digital payment System for all stake holders
Student Admission and Support	1. The institute uses latest tools and technology to promote student admission and provides support the students. 2. Admission process is governed by Directorate of Technical Education, Government of Maharashtra. 3. Institute has developed the Eduvedh Mobile application. This application is used by 12th science students to practice MOCK MHT-CET examination. 4. Official WhatsApp groups are created by students which includes teaching faculty for the quick communication and also study materials, notes, are shared in the group

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Dr. Mark Monis and Mr. R. B. Naik	CASI Maha Model United Nations 2019	Government of Maharashtra, CASI Model United Nations	14217
2020	Mr. P. V. Lokhande	Analysis of Infrastructure for Energized Irrigation, UNNAT Maharashtra Program	MIT, Aurangabad and IIT, Mumbai	6850

2019	Mr. S.B. Patil	ICRACM-19	IIT BHU Varanasi	5500
2020	Mr. S. U. Patil	ProMax Training level - I and II	Bryan Research and Engineering, LLC at Chennai	9555
2020	Mr. Mahesh Bhosale and R. G. Hiregoudar	National Institute for Entrepreneurship and small business development, Delhi	Ministry of SDEGI	26420
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Curriculum Development for T.Y. B.Tech. Under CBCS pattern	Nil	18/01/2020	18/01/2020	14	Nil
2020	Intellectual Property Rights	Nil	25/02/2020	27/02/2020	50	Nil
2019	One Day Teachers' Workshop on R	Nil	09/11/2019	09/11/2019	19	Nil
2020	Workshop on PDMS Training	Nil	18/12/2019	18/12/2019	20	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course in Pedagogy in Teaching	2	18/06/2020	22/06/2020	5

Three days workshop on Intellectual Property Rights.	36	25/02/2020	27/02/2020	3
FDP on Advance Trends in Engg.	2	19/05/2020	26/05/2020	8
Faculty Awareness Programme on NAAC Accreditation	2	10/05/2020	17/05/2020	8
FDP on Moodle	1	13/05/2020	15/05/2020	3

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
124	124	139	139

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employees Provident Fund, Gratuity Scheme, Group Insurance, Fee concession for Teaching/Non-teaching staff, Staff Credit Society	Employees Provident Fund, Gratuity Scheme, Group Insurance, Fee concession for Non-teaching staff, Staff Credit Society	Govt. Scholarships, Scholarship for Meritorious Students, Scholarships for financially weaker Students from college, scholarships from Alumni Association (Alumni Scholarship), Safety Insurance Scheme

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

YES. Institution conducts internal and external financial audits at periodic intervals. For effective audit of the accounts, a two-tier audit system is followed regularly. i.e. an internal audit(Concurrent Audits) and external audit(Statutory Audits). Internal (Concurrent Audits) • Every quarter an Internal audit has been regularly conducted. • The expenditure for staff salary is being audited every month. • The amount incurred towards infrastructure maintenance and purchase of new equipment's, consumable items has been sanctioned through the appropriate committee and audited regularly. External(Statutory Audits) • Institution external audit is being carried out by certified Chartered Accountant Firm • The last audit was done on 17-June-2020 for the period of 1-April-2019 to 31-March 2020.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		

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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	Internal Audit Committee and IQAC
Administrative	Yes	DTE, AICTE, Shivaji University, Kolhapur, UGC	Yes	Heads of the Departments and IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1) Parent - Teacher Association (PTA) had organized the F.Y. B. Tech to T. Y. B.Tech students parents meet on February 2020 to take review of students academic progress and efforts taken by the institute through teaching-learning activities for the students. 2) The feedback of parents as stakeholder of the institute have been recorded about applying for acquiring the autonomy status to the institute from UGC, New Delhi. More than 100 Parents have given affirmative remarks on this and suggested that institute must apply for the autonomous status to provide good quality engineering education to the students. 3) During COVID-19 pandemic situation, online parents meet was organized on 25th July 2020 at institute level to share information about initiatives taken by the institute to start semester of academic year 2020 - 21 in online mode and teaching learning process on online platforms. 4) Institute has organized a session in alliance with Parents-Teacher association chapter Ichalkarnji to create awareness among 12th science students about MHTCET examination and first year engineering admission process for AY 2021.

6.5.3 – Development programmes for support staff (at least three)

1) Organized three days workshop on Intellectual Property Rights (IPR) to create awareness within faculty about patent filing process. 2) Arranged series of webinars during lockdown for all faculty members to promote Moodle Platform and Google Meet for effective online teaching learning process 3) Organized experts talk to provide guidelines and directions for preparation of autonomy at the beginning level for all teaching and non teaching staff on 27th Oct 2020. Dr. P. J. Kulkarni, of WCE, Sangli and Dr. V. V. Karjnni of KIT, Kolhapur were invited as experts to address during this program.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1) UGC Expert Peer Team Committee has visited the Institute on 06 and 07 November 2020 and conferred An Autonomous Status on 22 December 2020 from current AY 2020_21 to next 10 years. IQAC is currently busy in preparation of plans for implementation of Autonomy for F. Y. B. Tech. 2) IQAC has taken initiation for preparation of Handbooks for effective Implementation of Academic, Administrative and Financial mechanism under Autonomous status of the Institute 3) Admission policies and strategies for training and placement activities are redefined by considering effects of critical pandemic situation 4) Systematic and Effective Implementation of CBCS pattern for T.Y. B. Tech courses which was adopted by Shivaji University, Kolhapur from Academic year

2018_19 for all affiliated colleges. 5) Reforms will be made in examination and evaluation system under autonomous status such as utilization of software for assessment work and result declaration process, software for Co-Po attainments calculations etc. Official Process for purchasing this software for institute has been accelerated by the IQAC.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Preparation of Handbook of Rules, Regulations and Responsibilities of authorities, teaching and non teaching staffs	24/07/2020	24/07/2020	05/11/2020	263
2020	Planning and execution of online teaching learning mode during pandemic situation	23/03/2020	23/03/2020	05/11/2020	2500
2020	Effective Implementation of CBCS system for T. Y. B. Tech. for all programs affiliated to shvaji University, Kolhapur	01/07/2020	01/07/2020	04/11/2020	600
2020	Applied for Autonomy status for Institute and UGC conferred autonomy to the	Nil	19/02/2020	19/02/2020	2500

Institute
from
academic
year 2020-21

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender Equality on occasion of International Women	05/03/2020	05/03/2020	93	57

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

63

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	53
Provision for lift	Yes	9
Ramp/Rails	Yes	7
Rest Rooms	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	3	1	17/02/2020	7	One Week NSS Camp at Shirgaon Grampanchayat	Local	18
2019	5	3	13/12/2019	1	Tribute to Late Shri. Tat yasaheb Kore on his Death anniversary	Local	800

					ry		
2020	3	3	29/02/2020	1	Chhava (Historical Drama on Sambhaji Maharaj)	Local	2000
2020	2	1	22/05/2020	1	Financial help to COVID-19 affected area in kolhapur sangli district	Local	100
2020	2	2	Nil	1	Donation to Mentally Challenged School	Arsenic Album Medicine Distribution	Nil
2020	2	1	22/01/2020	1	Cleaning of College Campus and Inaugural of NSS	Local	38
2020	2	2	04/01/2020	1	Tree Plantation and cleanliness at Muslim Dharga at Jakhale	Local	35
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
RULES, REGULATIONS AND RESPONSIBILITIES (Version 2.0))	24/07/2020	The Internal Quality Assurance Cell (IQAC) of the institute has prepared a Handbook named TKIET HANDBOOK of Rules, Regulations and Responsibilities (Version2.0) by taking expertise/inputs from the all head of departments and other senior faculty members. Moreover, the Handbook elaborates functions of various

committees, Staff discipline and other important aspects of Institutes Academic and Administrative work. The Handbook would help to understand the working culture of the institute for the faculty members and the students.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Standard Operating Procedures during have been implemented Covid- 19 at Institute such as Provided thermal Scanning, Contact less sanitizer dispenser for the faculty members as well as visitors, implemented working in Social Distancing mode at the institute 2. Energy conservation: By Seeking out computing-related equipment and services that have the lowest footprint possible. 3. Use of renewable energy: Solar Power Plant with a capacity of 450.12 kw (Effective Utilization of 63) 4. Plantation: Tree Plantation, NSS at Shirgaon village 5. Environmental and Pandemic situation awareness / consciousness: in the form of webinars 6. Rain Water Harvesting 7. Recycling as Manure 8. Observing No-Vehicle Day in College 9. Conduction of Green Audit

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Best Reader Award and Best Book Review Award (Technical and Non-Technical)
Objective: - The Central Library running the said activity from the last five years i. e. 2015-16 to promote reading habit among the students as a lifelong activity for both Educational and Recreational Reasons. The main thought/objectives behind that, Todays era online, but online resources could not take the place of hardcopy resources. Due to the availability and mandatory of online resources, the walk-ins of students and staff in the library are becoming less. So bridging the gap between the library and its users, running this activity becomes highly essential. Nature:- This activity is open to all students from the first year to final year students. We are notifying the students of all departments for participation. Seven-ten days are given for the same. For the Best Reader Award, criteria are forex. Regular Walk-ins in the library, Reading Hall, Regular use of Text, Reference and General books, regular use of e-resources, etc. As per the library online records and offline records, library staff and library co-coordinators are counting the entries of all library sections of the participated students. The student who got the highest entries would be the winner. As a token of appreciation, we offer the Best Reader Award Certificate and popular literature book to the winner student at the time of the Annual Social Function. For the Best Book Review Award (Technical and Non-technical), criteria are, Read a book selected from the Library's collection and write 1000-1200 word review consist of - introduction, main content, and conclusion, etc. Seven-ten days are normally provided for the writing a book reviews to the participated students. After collecting the reviews, reviews are given to the outside experts for checking and grading. The student who got the highest grading would be the winner. As a gift, we are offer Best Reader Award Certificate and popular literature book to the winner

student at the time of Annual Social Function. Outcomes: - Library staff has created awareness of this activity among the students in the starting year of this activity, but the response was less. From next year we went class to class and promoted the importance of this activity among the students. Gradually, we found the students were keen to participate in the activity. The walk-ins have been increased due to this activity. 2. Publication of Institute biannual newsletter, Reflex-TKIET The biannual institute newsletter, Reflex-TKIET is one of the strategies used by TKIET in order to create good brand awareness among the stakeholders, recruiters and personalities associated with the institute.

It is a type of document that records compiles relevant news, events activities, achievements, awards, presentations, publications, MOUs, training activities, placement details, workshops, conferences, FDPs, student achievements and so on of each departments or Cell of the institute. It contains eight (8) pages wherein, five (5) pages are dedicated to the individual departments and the remaining pages highlight other significant news or activities of the Institute as a whole. The department coordinator compiles the information and facilitates the Chief Editor by furnishing the required important information and photos. The edited and designed final draft of the newsletter is printed and is circulated among the faculty members of the institute, stakeholders as well as personalities associated with the institute and the distinguished visitors to the institute. In addition, it is also circulated among the sister institutes of SWSM, Warananagar.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://tkietwarana.ac.in/upload/naac/Best%20Practices/Best%20Practices%202019-20.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Honorable Shri Late Tatyasaheb kore a visionary leader and father of warana industrial and educational co-operative moment after who the college is named with an objective that "Charity is to serve society through the development of education, industry and the poor farmers". True to this prophetic statement this 37 years old institution has emerged as one of the premier institutions of higher learning in Maharashtra not only has the college continually serves thousands of needy students from the region but also has a long-standing tradition of academic excellence. The college is most sought after by students belonging to all demographics. The demand is due to the quality and facilities for the pursuit of higher learning, dedicated and experienced teaching faculty and state of art infrastructure the college is situated at the footstep of Deccan hills with the divine blessings of lord jyotirlinga the 47acre lush green campus of T.K.I.E.T provide serene and peaceful atmosphere and compliments the academic and extracurricular activities of the students to the full potential. After striving for 37 years continuously for curricular excellence by incorporating extraordinary digital platforms it has now become an autonomous institute from the current academic year. Commensurate to its vision statement institute is now poised to produce its graduates who are "Locally rooted and globally competent" engineers under Autonomous culture". The institute has accepted the challenges of autonomous status and devised the system to connect every student with the industries and societal needs. The unique feature of the curriculum in the autonomous system is well stood on four pillars those are 1. Acquiring knowledge than marks. 2. Inculcation of Soft Skills among the students. 3. Exposure to Industrial practices with strong industry connected credits. 4. Audit/Credit mandatory to participate in co-curricular and extracurricular activities. With the above, these foundation

pillars institute continuously strive for curricular excellence and produce the graduates to suit the needs of the 21st century.

Provide the weblink of the institution

<http://tkietwarana.ac.in/upload/naac/Distinction/Institutional%20Distinctiveness.pdf>

8.Future Plans of Actions for Next Academic Year

TKIET has been accredited by NAAC grade 'A' with CGPA 3.27 and has included in the 2(f) and 12(B) under the UGC act of 1956. Therefore, the institute was eligible to apply for fresh autonomous status. However, the institute applied to UGC for seeking Autonomy in February 2020. After the UGC experts' committee visit, UGC conferred the academic autonomous status to TKIET from Academic Year 2020-21 for the next ten years. The institute has prepared a systematic plan to implement the autonomy status for F. Y. B. Tech. It includes 1) Formation of Statuary Bodies such as Board of Governors (BoG), Academic Council (AC), Board of Studies (BoS), Examination cell and Financial Committee 2) Formation of Different non-statuary committees as per the requirement of autonomy 3) Preparation of Syllabus structure for all programs under autonomy and its approvals 4) Planning to award Honors degree and minor degree for different programs 5) Planning to offer some credit transfer courses for students in association with reputed institutes and industries. 6) Formation of Examination cell with reforms and facilities for effective conduction of examination under autonomy. The institute will work to achieve good quality in the curriculum, teaching-learning process and set quality marks for the autonomy status. For smooth and effective conduction of various administrative and examination activities, the institute has decided to purchase commercial software with features of handling curriculum delivery records, on screen assessment, result declaration with it records and CO- PO attainments reports. CBCS pattern is implemented for T. Y. B. Tech. by the University for All Affiliated Colleges. Institute is following the same curriculum for T. Y. B. Tech. and systematic implementation is done for the current academic year 2020-21. Considering the current technical trend of the global market, the institute has decided to start the Mechatronics Engineering program with an intake of 60 students from next academic year. The proposal will be submitted in the coming days to AICTE, New Delhi for getting the approval. In addition, approval of the scrutiny committee to start Ph.D. center in Mechanical engineering is still awaited due to some recommendations and its compliances. Institute is taking continuous follow-up in this regard. Institute is trying to fulfill the NBA pre-qualifying criteria and is planning to apply for getting accreditation by the National Board of Accreditation (NBA) as early as possible. Admission, research, training and placement are always crucial issues for the development of the institute. These issues are regularly addressed and accelerated with strategic planning time to time by management and concern departments to get affirmative outputs from it. To increase placement in reputed companies is prime task, decided by the institute this year. Due to the Covid-19 situation, still, the government has not given permission to start the college for students. Hence the online teaching-learning process is adopted to overcome this situation. IQAC has promoted all faculty members to utilize MOODLE and Google classroom for Journal submission, Google Meet for online lectures. Institute has decided to upgrade the online platforms with some