Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**PANKAJ LADDHAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**
Name of the head of the Institution	**Dr. Pradip M.Jawandhiya**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**09422880399**
Mobile no.	**9422880399**
Registered Email	**principal_plit@rediffmail.com**
Alternate Email	**plitprincipal@gmail.com**
Address	**Chikhli Road Buldana**
City/Town	**Buldana**
State/UT	**Maharashtra**
Pincode	**443002**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Mr. K.R.Sontakke**
Phone no/Alternate Phone no.	**09822938547**
Mobile no.	**9822938547**
Registered Email	**pmjawandhiya@gmail.com**
Alternate Email	**plitiqac@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://plit.ac.in/wp-content/uploads/2021/07/AQAR-18-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://plit.ac.in/wp-content/uploads/2022/01/4..pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.35**	**2018**	**02-Nov-2018**	**01-Nov-2023**

6. Date of Establishment of IQAC	**03-Jul-2017**

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
FDP on ICT Tools in	**13-Jan-2020**	**40**

Teaching and Learning Process	5	
University level Technical Symposium Avishkar	10-Jan-2020 1	211

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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
Institute	State Government Scholorship	State Government	2020 365	7122377

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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 :	4
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)

Strengthening Training and Placement Organizing Expert Lectures Promoting Staff and students for new skills Developing Industry and Institution interaction MOUs with industry

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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	Achivements/Outcomes

Promoting quality Research.	Research Lab proposal submitted to the university and university committee visited.
Faculty Development programs for staff	Central Government Funded FDP was organised on ICT Tools
Faculty encouragement for active participation in research	More than hundred webinars, conferences, online FDP attended.
Promoting students for Technical competitions	University level Technical competition was organised at college.
social responsibility activity	Programs organised through NSS
Internal Academic Audit	Conducted for all the departments
[View File](#)	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College Development Committee	07-Jun-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	28-Sep-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	23-Mar-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	1. Library Automation Software 2. Student Section Fee collection Software 3. Financial Accounts 4. Exam Section 5. Store Purchase software 6. Academic Monitoring 7. Establishment Attendance 8. Payroll Processing 9. SMS Maintenance 10. Grivience Redressal

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

1. The institute follows the curriculum and academic calendar prescribed by the university. The printed copies of curriculum and syllabi/handbook are distributed among students and faculty members and uploaded on website. 2. The action plan is decided by all HoDs and Principal. 3. Principal proposes the academic calendar in line with universities academic calendar. 4. Workload is prepared by individual head of department referring university syllabi. 5. Subjects are allocated to faculties taking into consideration their qualification, their subject specialization, experience and his/her willingness. 6. Time table is prepared by the department, its formal approval is obtained from the Principal and it is notified. 7. Individual faculty prepares lesson plan in line with academic calendar. Course file containing notes, transparencies, soft power point presentations, laboratory manuals, frequently asked questions, are prepared by individual faculties. These course files are reviewed by respective head of departments. 8. All the course material is made available to students by uploading it on faculty webpage along with the lesson plan. 9. Timely feedback is taken by academic dean to monitor the effective implementation of academic calendar. 10. Mid term, assessment examinations such as unit tests are conducted by department as per schedule in academic calendar. 11. Students are encouraged to refer/utilize the resources such as NPTEL videos, syllabus, question papers, dissertation reports etc available in library. 12. Mid Term feedback, mid term evaluation and mid term review meetings with HoDs and the Principal are conducted to monitor the academic progress and to observe effective execution of the academic plan.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Arduino Based Project Technologies	NIL	02/01/2020	7	Employabil ity	Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill
No file uploaded.		

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
BE	Computer Science and Engineering	17/06/2019
BE	Electronics and Telecommunication Engineering	17/06/2019
BE	Civil Engineering	17/06/2019
BE	Mechanical Engineering	17/06/2019
BE	Electrical Engineering (Electronics & Power)	17/06/2019

ME	Computer Science and Engineering	19/08/2019
ME	Electrical Power System	19/08/2019
ME	Mechanical Engineering(CAD/CAM)	19/08/2019
ME	Civil Engineering(Structure)	19/08/2019

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

	Certificate	Diploma Course
Number of Students	20	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
Arduino Based Project Technologies	02/01/2020	10
[View File](#)		

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	Mechanical Engineering	10
BE	Civil Engineering	5
ME	Civil Engineering	1
ME	Mechanical Engineering	2
[View File](#)		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
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

Summarized Reports of the Alumina Feedback 1. Recent requirements of the employers vary to a great extent than the syllabus designed by the Universities. 2. There should be some linkage between the educational institutions and the industries through industry institute interaction for syllabus designing. 3.The universities must take into consideration the recent trends and requirements prior to deciding the course contents for the technical education. Summarized Reports of the Students Feedback 1. Contemporary technical skills/knowledge should be imparted in the institute to meet the requirements of the industries. 2. Students should be refined as per contemporary requirements to cope up with the latest industry needs. 3.

Syllabus should be industry friendly. Summarized Reports of the Teachers Feedback 1. The institute is affiliated to Sant Gadge Baba Amravati University, Amravati and follows the prescribed curriculum. Still feedback regarding curriculum is taken by the respective subject teachers regarding suggestions on improvement of the syllabus. 2. Sant Gadge Baba Amravati University organizes workshops time to time on improvement of the syllabus if any, and then our faculty members are participating in the same to give curriculum feedback. 3. Similarly, suggestions are submitted to the BOS (Board of Studies) Committee. Summarized Reports of the Parents Feedback 1. The programme offered to the students is well demanding. 2. Curriculum has potential to boost students ability in communication, problem solving and creativity. 3. Project work and internships offered under the program is challenging and constructive. Actions taken: 1. Feedback collected are analysed and summarized reports pertaining to syllabus were forwarded to the University through the college representatives (Syllabus Restructuring Committee Members) involved in the syllabus framing. 2. The suggestions from the alumina were discussed at length in the Board of Studies meeting convened for framing of syllabus. Emphasis by the college representatives was given on the suggestions to enable the students of the region to withstand in the cutthroat competition. 3. With reference to the discussion certain amendments were made in the syllabus by the University.

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
BE	Electrical and Power Engineering	30	2	2
BE	Electronics and Telecommunication Engineering	30	Nill	Nill
BE	Computer Science and Engineering	30	1	1
BE	Mechanical Engineernig	30	2	2
BE	Civil Engineering	30	6	6
ME	Structural Engineering	13	11	11
ME	Computer Science and Engineering	18	3	3
ME	Electrical and Power System Engineering	18	3	3
ME	CAD CAM	13	3	3
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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	50	20	41	4	10

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	Numberof smart classrooms	E-resources and techniques used
55	43	8	8	8	10

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)

Institute is having Teacher Guardian Scheme, where students from each class are divided into groups of 15 to 25 students and each group is provided with faculty called Mentor for individual attention. Such student group remains under the same faculty all through the four years till the students get graduated employed. By taking periodic meetings between students mentor, this scheme also helps to understand and identify the area of interest of the students and to find out their problems at personnel professional level to develop themselves and expanding their horizons at global level.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
424	55	1:8

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
55	55	Nill	Nill	4

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	Nil	Assistant Professor	Nil

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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	Date of declaration of

			semester-end/ year-end examination	results of semester-end/ year- end examination
BE	138	year	30/10/2020	09/11/2020
ME	139	year	26/07/2020	25/08/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The system of Evaluation process is having two parts conducted at Institute and at University level. Institute level: Sessional examinations are conducted twice a semester. As the first year students are not familiar with university examination pattern a pre-university test is conducted for them. Evaluation of practical is done in the succeeding turn of laboratory work. Evaluation of subject assignments is done. The students which having less marks in sessionals and the students which are absent for sessionals, for them Improvement Sessional is conducted. Weak students are continuously monitored by the guardian teacher. University level: Paper setting conduct of examination, evaluation and declaration of results is done by SGBAU Amravati University. In case of grievances related to university question papers the same is communicated to university through the Director of examination and Evaluation within stipulated time. After declaration results by the University, students can apply for either photocopy of answer sheets, which are provided by the University on payment of fees or directly for reassessment. Student having grievance after receiving photocopy of answer sheet, can apply for revaluation to the University.

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

The committee consisting of Principal and Head of Departments prepare the academic calendar well in advance before the commencement of the semester as per the guidelines of University Academic Calendar. The calendar outlines the semester class work schedule, internal examination schedule and external examination schedule. The faculty members of the concerned department gather the lists of courses for the coming semester. The head of the department finalizes the course allocation for the faculty members based on their choice and area of interest or expertise. The faculty members are prepares the lesson plan before the commencement of semester, indicating the topics to be covered lecture wise including the evaluation process for each subject and approved by the head of the department. It is then, made available to the students. Timetable in-charge of each department prepares the timetable as per the guidelines of respective statutory bodies for the number of credit hours for each subject prior to the commencement of the semester. Time-table is uploaded on the system and displayed in the respective department notice boards. The performance of the students is assessed on a continuous basis by conducting two class exams per semester where the average is taken of both. In addition to the tests, assignments, mini-projects and quiz are also the part of Continuous Internal Evaluation. The evaluated answer books are returned to the students and an opportunity is given to the students to discuss the evaluation with the teacher. The teacher rectifies any error on the spot, if any. Finally the Internal Assessment is carried out for 20 marks.

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://plit.ac.in/wp-content/uploads/2022/01/main.pdf

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
113029210	ME	Electrical Power System	3	3	100
113060420	ME	CAD CAM	4	4	100
113021220	ME	Structural Engineering	2	2	100
113024210	ME	Computer Science and Engineering	6	6	100
113035610	BE	Electrical and Power ENgineering	20	20	100
113037210	BE	Electronics and Telecommunication Engineering	1	1	100
113024210	BE	Computer Science and Engineeing	8	8	100
113061210	BE	Mechanical Engineering	21	21	100
113019110	BE	Civil Engineering	60	60	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://plit.ac.in/wp-content/uploads/2022/01/2.7.1-final.pdf

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
Nill	Nill	NIL	Nill	Nill
[View File](#)				

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
SCILAB PROGRAMMIMNG	COMPUTER SCIENCE	28/02/2020

		ENGINEERING		

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
NIL	NIL	NIL	Nill	NIL

View File

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
NIL	NIL	NIL	NIL	NIL	Nill

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
COMPUTER SCIENCE AND ENGINEERING	1
ELECTRICAL (ELECTRONICS POWER) ENGINEERING	Nill
CIVIL ENGINEERING	Nill
MECHANICAL ENGINEERING	Nill
ELECTRONICS TELECOMMUNICATION ENGINEERING	Nill
APPLIED SCIENCE HUMANITIES	Nill

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	COMPUTER SCIENCE ENGINEERING	12	6.07
International	ELECTRICAL (ELECTRONICS POWER) ENGINEERING	15	7.4
International	CIVIL ENGINEERING	13	4.5
International	MECHANICAL ENGINEERING	4	7.4
International	ELECTRONICS TELECOMMUNICATION ENGINEERING	Nill	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

COMPUTER SCIENCE AND ENGINEERING	Nill
ELECTRICAL (ELECTRONICS POWER) ENGINEERING	Nill
CIVIL ENGINEERING	2
MECHANICAL ENGINEERING	Nill
ELECTRONICS TELECOMMUNICATION ENGINEERING	Nill
APPLIED SCIENCE HUMANITIES	Nill
View File	

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 Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Design and Implementation of performance Evaluation of Routing Protocol Under Different Model in Manet	Dr. Pradeep M. Jawandhiya	International research journal of engineering and technology.	2019	0	Pankaj Laddhad Institute of Technology Management Studies, Buldana	Nill
A Review on an Adaptive Software Fault Prediction using Decision Tree Algorithm	Dr. Pradeep M. Jawandhiya	International journal of advent research in computer and electronics	2020	0	Pankaj Laddhad Institute of Technology Management Studies, Buldana	Nill
Adaptive Software Fault Prediction using Decision Tree Algorithm	Dr. Pradeep M. Jawandhiya	International journal of advent research in computer and electronics	2020	0	Pankaj Laddhad Institute of Technology Management Studies, Buldana	Nill
A Survey of Edaphic Factor Using Machine Learning	Dr. Pradeep M. Jawandhiya	International journal of advent research in	2020	0	Pankaj Laddhad Institute of Technology Management	Nill

		computer and electr onics			Studies, Buldana	
Design I mplementat ion of Edaphic Factor and Crop Growth Using Machine Learning Approach	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2020	0	Pankaj Laddhad Institute of Technology Management Studies, Buldana	Nill
Review of Design and Implement Revolving Flywheel Pin Entry Method to Prevent Shoulder Surfing Attacks	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2020	0	Pankaj Laddhad Institute of Technology Management Studies, Buldana	Nill
Secure Cloud Storage and Quick Keyword Based Retrieval System	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2020	0	Pankaj Laddhad Institute of Technology Management Studies, Buldana	Nill
Review of Design and Implement Revolving Flywheel Pin Entry Method to Prevent Shoulder Surfing Attacks	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2020	0	Pankaj Laddhad Institute of Technology Management Studies, Buldana	Nill
Design and Implement Revolving Flywheel Pin Entry Method to Prevent Shoulder	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2020	0	Pankaj Laddhad Institute of Technology Management Studies, Buldana	Nill

Surfing Attacks						
Voice Based E-Mail For Blind	Dr. Pradeep M. Jawandhiya	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2020	0	Pankaj Laddhad Institute of Technology Management Studies, Buldana	Nill
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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
Voice Based E-Mail For Blind	Dr. Pradeep M. Jawandhiya	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2020	Nill	Nill	Pankaj Laddhad Institute of Technology Management Studies, Buldana
Design and Implement Revolving Flywheel Pin Entry Method to Prevent Shoulder Surfing Attacks	Dr. Pradeep M. Jawandhiya	International journal of advent research in computer and electronics	2020	Nill	Nill	Pankaj Laddhad Institute of Technology Management Studies, Buldana
Review of Design and Implement Revolving Flywheel Pin Entry Method to Prevent Shoulder Surfing Attacks	Dr. Pradeep M. Jawandhiya	International journal of advent research in computer and electronics	2020	Nill	Nill	Pankaj Laddhad Institute of Technology Management Studies, Buldana
Secure	Dr.	Internat	2020	Nill	Nill	Pankaj

Cloud Storage and Quick Keyword Based Retrieval System	Pradeep M. Jawandhiya	ional journal of advent research in computer and electr onics				Laddhad Institute of Technology Management Studies, Buldana
Review of Secure Cloud Storage and Quick Keyword Based Retrieval System	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2020	Nill	Nill	Pankaj Laddhad Institute of Technology Management Studies, Buldana
Design Implementat ion of Edaphic Factor and Crop Growth Using Machine Learning Approach	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2020	Nill	Nill	Pankaj Laddhad Institute of Technology Management Studies, Buldana
A Survey of Edaphic Factor Using Machine Learning	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2020	Nill	Nill	Pankaj Laddhad Institute of Technology Management Studies, Buldana
Adaptive Software Fault Prediction using Decision Tree Algorithm	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2020	Nill	Nill	Pankaj Laddhad Institute of Technology Management Studies, Buldana
A Review on an Adaptive Software Fault Prediction using Decision Tree Algorithm	Dr. Pradeep M. Jawandhiya	Internat ional journal of advent research in computer and electr onics	2019	Nill	Nill	Pankaj Laddhad Institute of Technology Management Studies, Buldana

| Design and Implementation of performance Evaluation of Routing Protocol Under Different Model in Manet | Dr. Pradeep M. Jawandhiya | International research journal of engineering and technology. | Nill | Nill | Nill | Pankaj Laddhad Institute of Technology Management Studies, Buldana |

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	49	Nill	Nill
Presented papers	44	Nill	Nill	Nill
Resource persons	Nill	2	Nill	Nill

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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
AIDS awareness program	National Service Scheme	4	100
swatch bharat abhiyan in antriteli village	National Service Scheme	5	100
Blood Donation Camp	National Service Scheme	5	30
Disater Management awareness in village	National Service Scheme	4	100
Soak pit creation in Antriteli Village	National Service Scheme	5	100

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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
NIL	NIL	NIL	Nill

	View File			

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 activites	Number of students participated in such activites
National Service Scheme	NATIONAL SERVICE SCHEME	Aids Awareness	4	100
Swachh Bharat Abhiyan	PLITMS BULDHANA	Clean Antriteli Village	5	100
Swachh Bharat Abhiyan	PLITMS BULDHANA	Clean campus	20	200

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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
Industrial Visit	20	Self finance	1
field project for UG students	10	Self finance	365
field project for PG students	02	Self finance	365

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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
Field project	Field project	Operand Technology, www.operandtechnologies.com	01/09/2019	31/08/2020	2
Field project	Field project	Trigya Industries Chikhali. Contact no. – 9689331658	01/08/2019	31/07/2020	10

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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 students/teachers participated under MoUs

TCS	01/04/2019	Online Examination of State Government and Central Goverment	2000

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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
4	1.61

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

View File

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
Sackinfo	Fully	2.6	2009

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
e-Books	2000	Nill	Nill	Nill	2000	Nill
Text Books	14424	636422	Nill	Nill	14424	636422
Reference Books	1008	460330	Nill	Nill	1008	460330
Journals	54	126973	Nill	Nill	54	126973
e-Journals	363	13570	Nill	Nill	363	13570
CD &	626	626	Nill	Nill	626	626

Video						
Library Automation	1	350000	Nill	Nill	1	350000
Weeding (hard & soft)	66	38650	Nill	Nill	66	38650

[View File](#)

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
NIL	NIL	NIL	Nill

[View File](#)

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	426	12	100	1	1	1	6	100	0
Added	0	0	0	0	0	0	0	0	0
Total	426	12	100	1	1	1	6	100	0

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

<div align="center">

100 MBPS/ GBPS

</div>

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
NIL	Nill

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 incurredon maintenance of physical facilites
40	1785553	4	161093

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)

All the Departments and various functioning units of the college are provided with all the required infrastructure facilities like class rooms, faculty rooms, girls waiting halls, laboratories etc. The effective usage of all the facilities is ensured by introducing exclusive hours for sports, extra lab hours, exclusive hours to visit advanced labs and Central Library in the regular time table itself. Students can avail the facility of yoga training

every week. During these slots concerned class in-charges / faculty members will ensure the presence and utilization of facilities by the students. A separate computer maintenance team is available which handles the departmental requirements. For every computer centre, a Programmer / Technician are recruited and a faculty member is made in-charge of the centre. An exclusive department with 04 hardware engineers is functioning in the college to cater to the needs of day-to-day computer maintenance. However, minor software and hardware problems are being handled by the concerned lab technicians. Central library has its dedicated human resource and the departmental libraries are taken care of by the department office assistant and a faculty In-charge of the concerned department. All the departments take care of timely maintenance of the laboratory equipment. Most of the maintenance work is completed during summer break and a close monitoring of maintenance activities is a prime responsibility of heads of the departments.

http://plit.ac.in/wp-content/uploads/2022/01/4.4.2.jpg

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	PLIT Merit Scholarship	5	31450
Financial Support from Other Sources			
a) National	Religious Minority , Scholarship(OBC, NT,SC,SBC,EBC,ST, VJ/NT)	235	6972376
b)International	NIL	Nill	0
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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 implemetation	Number of students enrolled	Agencies involved
INTERNATIONAL YOGA DAY	21/06/2019	30	NSS Officer
Pariksha Pe Charcha 3.0	20/01/2020	109	Prof.S.M.Dandage, PLITMS
Techno Fest-2020	07/06/2020	120	Prof.S.M.Dandage, PLITMS
Scilab One day Workshop	28/02/2020	30	Prof.S.M.Dandage, PLITMS
View File			

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	Number of benefited students by career	Number of students who have passedin the comp. exam	Number of studentsp placed

| 2019 | NIL | Nill | Nill | Nill | Nill |

[View File](#)

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
NIL	Nill	Nill	ACC cement Bangar cement Fiat technology Radical Technologies Pune Ambuja Cement Shri Ganesh Coorporates Gujrat John Deer Pune Innobox System Hyderabad	11	11

[View File](#)

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
2020	1	B.E. Computer Science and Engineering	Computer Science and Engineering	Pankaj Laddhad Institute of Technology and Management Studies,yelgaon,Buldana	Master of Engineering(Computer Science and Engineering)
2020	6	B.E. Civil Engineering	Civil Engineering	Pankaj Laddhad Institute of Technology and Management Studies,yelga	Master of Engineering(Structural Engineering)

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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
NET	Nill
SET	Nill
SLET	Nill
GATE	Nill
GMAT	Nill
CAT	Nill
GRE	Nill
TOFEL	Nill
Civil Services	Nill

View File

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

Activity	Level	Number of Participants
GANESH FESTIVAL	Intra College	110
DAHI HANDI FESTIVAL	Intra College	100
ANNUAL GRATHRING (DZIRE-20)	Intra College	90
ANNUAL SPORTS (DZIRE-20)	Intra College	100

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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	Nil	National	Nill	Nill	Nil	Nil
2020	Nil	International	Nill	Nill	Nil	Nil

View File

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

Pankaj Laddhad Institute of Technology and Management Studies, Buldana provides Multidisciplinary Engineering and management educations systems like Computer Sciences and Engineering, Electronics and Telecommunications Engineering, Civil Engineering, Mechanical Engineering and Electrical Engineering. Hence to give the undergraduate students exposure and to show their talents and skills, students Council is formed. This council is taking place under student activity organization. This council builds better relationships between the undergraduate student and faculties, administrative bodies. This council

provides a platform for students to support, share and excel in potential qualities. This association includes various clubs individually by each branch. The Computer science and Engineering have formed "CSI Student Chapter" under which various activities such as guest lectures, workshops etc. for students are arranged which leads to widening of the horizons of students personality. The civil engineering department has its student body as "Student Chapter – Institution of Engineers" in which guest lectures and site visits are arranged which add to practical knowledge of the students. Mechanical engineering students have established "MESA" i.e. Mechanical Engineering Students Association under which various departmental activities and day's celebration are carried out. We have also formed IEI i.e. Institution of Engineers (India) Student chapter under which various activities are carried out. The representations of students are not only limited till their academics but also in administrative level like Magazine Committee, Canteen Committee and National Service scheme. All round personality include the mental, moral physical development of student this platform is given to them by N.S.S. Our college has such a mixture of sports, studies, social activities such as N.S.S. which makes a PLIT'S student different from other college student. N.S.S. Means "National Service Scheme". It means giving service to another person who really deserves it. Under the heading of N.S.S. there are so many different activities taken in our college. Such as in each year one blood donation camp is held in our college in that camp college student, lecturers donate the blood. To make this camp successful team of expert doctors from Buldana took very much effort. Nowadays percentage of rainfall is decreasing the reason behind is cutting of forest in earth someone says "Save Tree Save Life". In N.S.S. tree plantation activity is done in college campus. NSS wing of the institute is doing a valuable work by aiming at nurturing social awareness among students through its various activities .Various activities conducted by NSS are Blood Donation Camps, Cleanliness Drive Camps, and Rural development camps.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

195

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1(http://plit.ac.in/wp-content/uploads/2022/01/5.4.4-compressed.pdf)

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)

All the teaching, administrative sport departments of the college works under the supervision of Principal. HOD's monitors Day-to-day activities of the departments.Principal conduct the meeting with HODs of respective department timely wherever necessary. Many times Faculty members along with HOD interacts with principal decide the strategies for smooth conduction of work. Similarly Incharges of various committees along with committee members conducts the meeting with principal to decide the course of action. After the meeting,

minutes of the meeting are conveyed through appropriate mechanism and with the approval of Principal for implementation. Student centric activities are mostly initiated after in depth discussion of committee, HOD and Principal.

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
Human Resource Management	Institute has prominent System to look after various domain under supervision of principal and IQAC. There are six head of departments who interacts with head of Training, Placement and alumina. The Heads of Departments (HODs) also look after the Department and faculty and non teaching staff. Classes are managed by the teachers appointed as Class coordinator who is assisted by Teacher-Guardian (TG). Registrar is head of the office staff. Librarian is head of the library staff.
Curriculum Development	Although the Institute is affiliated to Sant Gadge baba Amaravati University, Amaravati and implements the curriculum developed by it, it takes up the following activities for curriculum enhancement: • Experienced faculty members are appointed in the Board of Studies of the SGBAU Amaravati, from the Institute. They get involved in the process of curriculum development for the enrichment of the curriculum keeping in view the Industry trends. • Project exhibitions are conducted for the students. • Soft skills programs are organized for all students. • Feedbacks from Alumni, Industry Experts, and Visiting Faculties are taken for their inputs for the development of curriculum. • Contents beyond syllabus and Experiments beyond syllabus are also conducted
Industry Interaction / Collaboration	Efforts by Training and Placement office • The Institute has linkages with various top Industry recruiters. • The heads of Training, Placement and Industry Interaction visits various companies for interaction and extending invitation for campus visits. • Top executives and entrepreneurs are invited for interactions with students and faculty. • Feedbacks from employers

	and companies visiting for campus recruitment is solicited for inputs on efforts to be undertaken for improving employability of the students. Efforts by Industry Institute interaction cell • The Institute has formed an Industry Institute Partnership Cell (IIIC) with the aim of fostering better industry institute interactions. The Industry Institute Partnership Cell (IIPC) strives to enhance industry interaction with students and bridge the gap between academic and corporate world. • The following activities are regularly followed to enhance IIIC activities
Admission of Students	• Admission process is conducted by Competent Authority appointed by State Government through CAP (Centralised Admission Process). • The eminent faculty from institute visits various Junior colleges for career guidance sessions to empower students to make informed decisions about their future education and career.
Teaching and Learning	• Effective teaching methods like, Interactive teaching to create interest in the students, power point presentations, live demos are in place. • Tutorial classes help students to enhance their knowledge in the subject. • Remedial classes are offered for slow learners. • Assignments are given on theory and practical components. • Mentoring and counseling of slow learners are part of teaching and learning process. • Unit-wise Question banks and university Old question papers are discussed in the Discussion hours. • Guest lecturers from industry experts, Seminars by students on current trends, Techno-cultural fest help the students to enhance their knowledge. • Special labs have been developed to expand the horizons of the students apart from curriculum. •Faculties are encouraged to regularly attend FDP's and Workshops to update their knowledge from time to time which helps in teaching learning process. • All the students are given internet facility and access for online journals. • Digital library section at the central library with internet access facility to access to DELNET,NPTEL.
Examination and Evaluation	• Examinations are conducted and evaluated as per the norms of Sant

	Gadge baba Amaravati University, Amaravati • Two internal assessment tests in each semester are in place to evaluate the student's performance. • In addition to theory, practical exams,Project Seminars are also conducted and evaluated. • Class tests are also conducted on the units as specified in the syllabus. • Results are communicated to stakeholders through proper mechanism.
Research and Development	• A separate Research and Development cell functions with a Incharge R D appointed to develop the research culture in the Institute. • Faculty are constantly encouraged to present research Papers in International and National Journals / Conferences. • Monetary incentives and awards are instituted for faculty and staff for presenting papers in journals and presenting papers at various national and international conferences. • Faculty and students publish research papers in peer reviewed National and International Journals • New research laboratories are under development for research work of faculty members, which are available for students and staff for their research work. • Sharing of percentage of the consulting revenue to the consultancy team. • The Institute sponsors candidates pursuing higher education and grants study leave, duty leave wherever applicable. • The Institute provides financial assistance for attending seminars conferences, workshops in India and abroad. • The institute gives away monetary awards to faculty publishing research articles in journal of repute. • The Institute provides a platform for faculty to take up research endeavors through its MOUs with prominent research organizations. • Regular training programs areconducted for the staff for knowledge up gradation and skill development. • Effective performance appraisal system for assessing their performance for future career growth.
Library, ICT and Physical Infrastructure / Instrumentation	Every year new books and journals are added in the Central library as per the recommendations of faculty, students and norms. • Library automation Software is provided for personal assistance to each and every user while accessing the library books. • DELNET,

NPTEL,NDL online library resources are also present in the library. • Digital library has also been set up for the convenience of the students and staff to enable them to refer to e-journals. • Fully computerized bar-coded circulation services • On-site use to Textbooks, Reference books Back volumes and Print/Online journals inside the library • Reference Services (Encyclopedia, Dictionary, Year-books, Handbooks and Previous year question papers) • On-line full text access to international journals • DELNET(Developing Library Network) Service • Reprography(Xerox, Scanning, Print-out) • Open Access System Reading room facility is available. • CCTV surveillance system • Display of information regarding new arrivals • Current Awareness Service Physical Infrastructure The institute hasadequate infrastructures which includes, seminar Halls equipped with projector with seating capacity of 200 members, Faculty rooms, smart room, conference rooms, Admin Office, Board room, hostel, Class rooms, Tutorial rooms, Boys common rooms, Girls common rooms, Laboratories equipped with necessary hardware and software, communication Laboratory, Research Laboratory, Library, Internet and wi-fi facility in the entire building along with transport and banking facilty. Internet facilities • The Institute has a dedicated Internet of 40 Mbps for Students and Staff available 24 hour free to access. Wi-Fi facilities The Institute is also covered with a 24 hour Wi-Fi network which is available for access throughout the campus. ICT Infrastructure LCD projectors, Desktops, printers, Internet switches, UPS, application software and systems software's in adequate numbers as per and above norms are available throughout the Institute. Each department has smart room and equipped with necessary instruments. Features of IT infrastructure • Campus networking • Completely Wi-Fi in campus with Wireless Access points. • 40 Mbps Bandwidth for internet with dedicated leased line. • 200 systems supported by Servers. Sports The institute has several sports facilities for indoor and outdoor sports like Play grounds

	for the games like Football, Basket Ball, and Shuttle are separately available.

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

E-governace area	Details
Planning and Development	The intuition has achieved new heights in its academic performance after NAAC peer team visited, Our Institution had earned the NAAC accredited with Grade B. The road map for the next year includes focus on funding research facilities, strengthening of teaching skills, expansion of student amenities.
Administration	College has ICT enabled transparent, accountable responsive administration services. College has SackInfo software to conduct administrative activities. College has Library automation software for circulation of books and other works. The college uses SackInfo software for establishment section,Staff attendance Student section of administrative department.
Finance and Accounts	As our institution is self financing. The finance and account are audited regularly as per the guidelines of affiliating and recognizing bodies. All are transparent. Sack-Info software is used for finance account.
Student Admission and Support	The admission procedure of the candidates is taken place with the help of SackInfo software. The registration and other support work of the admitted candidates is carried out with the help of this software.
Examination	The college is affiliated to Sant Gadge Baba Amaravati University, Amravati and the semester exams are conducted by the university for this college uses the university software.

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. P.M.Jawandhiya	ICT Tools for Teaching Learning Process and Institutes	ISTE Workshop Fees	750

2020	Mr. S. M. Dandage	ICT Tools for Teaching Learning Process and Institutes	ISTE Workshop Fees	750
2020	Dr.A.A.Bhusari	ICT Tools for Teaching Learning Process and Institutes	ISTE Workshop Fees	750
2020	Mr. S.V.Raut	ICT Tools for Teaching Learning Process and Institutes	ISTE Workshop Fees	750
2020	Mr.S.S.Jayalwal	ICT Tools for Teaching Learning Process and Institutes	ISTE Workshop Fees	750
2020	Mr. Mandar M. Joshi	ICT Tools for Teaching Learning Process and Institutes	ISTE Workshop Fees	750
2020	Mr. Swapnil A. Deshmukh	ICT Tools for Teaching Learning Process and Institutes	ISTE Workshop Fees	750
2020	Mr.S.S.Agrawal	ICT Tools for Teaching Learning Process and Institutes	ISTE Workshop Fees	750
2020	Mr.M.O.Sharma	ICT Tools for Teaching Learning Process Institutes	ISTE Workshop Fees	750
2020	Mr.K.R.Sontakke	ICT Tools for Teaching Learning Process Institutes	ISTE Workshop Fees	750
		View File		

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	Title of the administrative training programme organised for	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

	teaching staff	non-teaching staff				
2020	ICT Tools for Teaching Learning Process and Institutes	ICT Tools for Teaching Learning Process and Institutes	13/01/2020	17/01/2020	23	8
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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
Esim	1	21/09/2019	21/09/2019	01
New Challenges Issue of Indian Electricity Market for Upcoming Decade-2030	2	11/05/2020	15/05/2020	05
Machine Learning usingPython	1	06/05/2020	06/05/2020	01
Python 3.4.3	3	20/04/2020	25/04/2020	06
ICT Tools for Teaching Learning Process Institutes	23	13/01/2020	17/01/2020	05
Career Edge-knockdown the lockdown	2	11/04/2020	16/04/2020	06
Intellectual Property Rights(IPR)	1	26/04/2020	26/04/2020	01
Way to do Research in 5G Communication Beyond, Eskills and Research Tools	1	04/05/2020	06/05/2020	03
Renewable Energy Sources	1	15/05/2020	21/05/2020	07
Signal Processing Perspective in wireless Communication	1	19/12/2019	28/12/2019	10

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
37	36	2	20

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• 3 months Maternity leave for female faculty members. • 12 days casual leave. • Duty leaves for attending conferences / seminars / research activities and examination purpose and industrial training. • vacation leave • Recommendation for getting personal loan from the bank at lowest interest rates. • Free Halth checkups and other health services. • Provision of EPF facility for the faculty members	• 3 months Maternity leave for female faculty members. • 12 days casual leave. • Duty leaves for attending conferences / seminars / research activities and examination purpose and industrial training. • vacation leave • Recommendation for getting personal loan from the bank at lowest interest rates. • Free Halth checkups and other health services. • Provision of EPF facility for the faculty members	• Government scholarships • Financial awards for meritorious student. • Learn and earn scheme for economically weaker students. • Transport facility to the college campus • Book Bank scheme at nominal charge. • Cash award for semester toppers • Best outgoing student award • Placement assistance for existing and passed out students • Counseling services for physical, mental, emotional well being.

6.4 – Financial Management and Resource Mobilization

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

In each financial year the college leads internal audit through departmental staff and also external audit by the statutory Auditors. The internal money related book keeping would be finished before tenth of each month thinking about all the earlier month exchanges. After culmination of the month to month accounts the same records would be examined by the interior evaluators designated by the administration. While checking passages, on the off chance that any errors/weaknesses recognized/saw the same could be amended around the same time by the concerned offices. After corrections assuming any, the report would be put together by interior reviewers to the governing Body for endorsement. The external statutory inspectors might visit the institute office twice in a year for vouching review and presenting the last audit report. After finish, the last statutory audit report should be submitted to the Governing body for endorsement in the period of June consistently. After endorsement, the monetary records, reports could be utilized for all statutory purposes.

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
Nil	0	NA

6.4.3 – Total corpus fund generated

0.0

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	Constituted Committee
Administrative	Yes	Deutsche Accreditation Board, Germany	Yes	Constituted Committee

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

There is no Parent - Teacher Association exist in the institute whereas •Regular parents meetings are conducted by every department. • Parents provide valuable inputs for the efforts taken by the Institute for the overall development of the students. • Parents provide feedback about the activities carried out in the Institute. The feedback acts as a precursor for renewed efforts being taken up for student development.

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

1)ICT Tools for Teaching Learning Process Institutes, 2)Fire safety training programme 3)Cyber safety awareness programme Health care programme

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

1) Submitted proposal to Sant Gadage Baba Amaravati Univasity,Amravati for PhD Research Lab in Computer Science Engineering. 2) Conducted International Conference 3) Taken Organisational membership of National Cyber Defence Research Centre (NCDRC). 4) Applied for AICTE Margadarshan Scheme.

6.5.5 – Internal Quality Assurance System Details

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

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	University level Technical competition Avishkar	10/01/2020	10/01/2020	10/01/2020	211
2020	Meity Central Government of India sponsored FDP on ICT tools for Teaching Learning process	13/01/2020	13/01/2020	17/01/2020	30

| 2020 | Visit of BCUD commitee for aproval of Research Centre in Computer Science engineering | 18/03/2020 | 18/03/2020 | 18/03/2020 | 4 |
| 2020 | STTP,Webinar,FDP by faculties in Covid Pandemics | 11/04/2020 | 05/09/2020 | 05/09/2020 | 103 |

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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
International Women's Day Program	08/03/2020	08/03/2020	44	56
Workshop on Women Feticide	10/10/2019	10/10/2019	33	48

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
Maximum power requirement to college is 67KW. Power requirement met by installed renewable energy sources is 25KW. Percentage of power requirement of college met by renewable energy sources 70 to 80 when expenditure spent in 2015 -16 without renewable energy source is compared with billing in 2019-20 with installed renewable energy sources.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	4
Ramp/Rails	Yes	1
Rest Rooms	Yes	11

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	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

		community					
2020	1	1	15/02/2020	1	Sant Sevalal Maharaj Jayanti	To spread the importance and information of life of sant sevalal maharaj.	30
2020	1	1	08/03/2020	1	Women's day celebration	To celebrate the Day as Girl-child, Mother, Sister, wife, and every aspect of society. Without Women's the Mankind could not be survived.	100
2019	1	1	22/08/2019	1	Student Induction Program	To welcome newly admitted students.	100
2019	1	1	24/08/2019	1	Dahi Handi Program	To celebrate the birth anniversary of lord krushna.	100
2019	1	1	05/09/2019	1	Teachers Day Celebration	To celebrate the birth anniversary of Sarvapalli Radhakrushnan.	100
2019	1	1	16/09/2019	1	Expert Talk on Arts	To create the awareness regarding Arts.	100

2019	1	1	09/10/2019	1	Softskill Program	To create the awareness of softskill amongst the students.	81
2020	1	1	23/01/2020	1	Netaji Subashchandra Bos Jayanti	To motivate student by giving information about the successful life of Netaji Subashchandra Bos.	100
2020	1	1	28/01/2020	1	Awareness Program on HIV AIDS.	To create the awareness regarding safety of HIVS AIDS.	100
2020	1	1	05/02/2020	1	Vasant Panchami	To create and awareness amongst students importance of vasant panchami.	100

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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)
Code of Conduct and Ethics	10/06/2019	Prepared hand book of code of conduct and ethics for teachers and students. Distributes to all at the beginning of every academic year.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day	15/08/2019	15/08/2019	100
Student Induction	22/08/2019	22/08/2019	100

Program			
Dahi Handi Program	24/08/2019	24/08/2019	100
Teachers Day Celebration	05/09/2019	05/09/2019	100
Expert Talk on Arts	16/09/2019	16/09/2019	100
Softskill Program	09/10/2019	09/10/2019	81
Netaji Subashchandra Bos Jayanti	23/01/2020	23/01/2020	100
Republic Day Celebration	26/01/2020	26/01/2020	100
Awareness Program on HIV AIDS.	28/01/2020	28/01/2021	100
Vasant Panchami	05/02/2020	05/02/2020	100
[View File](#)			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Tree plantation.
Use of renewable energy (solar power generation).
Plastic free campus.
Paperless office.
PLITMS Bicycle club.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Title: Teacher Guardian Scheme 1. Objectives of the Practice: 1. To strengthen bonds of appreciation and affection that exists between staff and students. 2. To provide guidance to students in their study habits and help them to be more focused to set academic target and reduce their grievances. 2. The Context: A significant decline in enthusiasm to attend lectures was observed by teachers which they thought could be attributed to general indiscipline among students. However, the results of survey revealed shows majority of our students lacked requisite motivation to pursue the courses with kind of seriousness they deserved. Students just by having opportunity to talk with about their problems get helped and feel less stressed. 3. The Practice: Every faculty is entrusted with task of mentoring 15-20 students. Initially questionnaire is used to elicit information from students with regard to their personal details. Each student meets his/her Teacher Guardian regularly. Issues which arise are looked into with an adequate level of seriousness. After each month Teacher Guardian session is held to monitor progress in implementation of goal. Finally report is prepared by each department which is tabled and submitted for necessary action. 4. Evidence of Success: Students are counseled to become better human beings and advised. Academically weak students are given special attention and guided. Socially and economically disadvantaged students are supported with scholarships, fee reimbursement and concession facilities. 5. Problem encountered and resources required: 1. Continuous workshops and Expert counseling needed to orient student and parents 2. Time and commitment of the faculty. 6. Teacher Guardian Scheme: 1) One guardian teacher for 15 to 20 students. 2) To introduce him/her to senior students 3) To campaign against

ragging. 4) To enlighten the students on professional ethics and conduct. 5) To ease the trauma of transfer to a new place. 6) Teacher guardian monitors academic performance of students. 7) Poor performance of students is improved by way of counseling. 8) If required, teacher guardian calls the parents by phone on the basis of monthly monitoring. Direct telephone lines in the office and SMS system through cell phone is made available. Toll free number facility has been provided by the college to have free communication from parental end to college end. 9) Progress letters are generated and informed to parents every month to have the awareness of their wards related to academic performances. 10) In addition to this there is a facility to have immediate communication to the students through emerging technology through social media like Whatsapp etc. 11) Teacher guardian solves the domestic problems of students. 12) In consultation with HOD, teacher guardian gives academic work/assignments to student for improvement of academic performance of student. Best Practice 2: Title: Green and Clean Campus 1. Objectives of the Practice: 1. To create awareness and social obligation relating to environment protection and its maintenance. 2. Making campus clean and plastic free and other hazardous free substances. 2. The Context: The Institute is very conscious towards conservation and safety of environment. Nurtures plant and greenery both inside and outside of the campus. All classrooms and Library of the Institute are well structured with natural illumination. It supports conservation of environment and joining the movement against pollution ozone layer depletion. 3. The Practice: The college has always tried to make green and clean campus and continuous steps are taken towards it. From the various event and programs which tries to create environment consciousness making ecofriendly environment. 4. Evidence of Success: The college has 'NSS' and Green Army units which conducts activities related to green and clean campus. A large numbers of tree species have been planted in college campus for making the green campus. 5. Problem encountered and resources required: Green Army and NSS students have planted 100 samplings in the campus and they have planted approximately 500 samplings nearby Buldana .In recent times, students have designed a campus clean drive under Swacchata Bharat Abhiyaan. The college have dream to make such awareness throughout region, state and national level that will need public participation and government funding. We do have several other best practices like Free of cost Book bank facility, Cellular Organizational Structures, Dress Code with ID, National Anthem, Scholarship to toppers and Meritorious students of University list.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://plit.ac.in/wp-content/uploads/2022/01/7.2.1.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

To achieve the excellence in professional education and research, Pankaj Laddhad Institute of Technology and Management Studies (PLITMS), Buldana, has been taken the following action. (A) Incremental improvement in UG and PG courses: The objective of the added courses is to have the incremental improvements in academics as well as to provide opportunities to do the post-graduation for students of this region. The college has been started UG courses in year 2009 with 4 branches Mechanical Engineering, Computer Science Engineering, Electrical (Electronics Power) Engineering and Electronics Telecommunication Engineering. In the academic year 2010-11 one more UG course introduced as Civil Engineering. Two PG courses ME (CAD/CAM), ME (Structural Engineering) has been introduced in academic year 2013-14. In academic year 2014-15 college has introduced two more PG courses in Electrical (Electrical

Power System) Engineering, Computer Science Engineering with Lateral entry intake for direct second year student for Civil Engineering. With these incremental improvement in five UG Four PG courses college serves the society for higher education. The objective of the added courses is to have the incremental improvements in academics as well as to provide opportunities to do the post-graduation for students of this region. (B) Establishment of Professional Societies: To bridge the gap between curriculum and industry requirements, PLITMS has started India's leading professional societies devoted to the advancement of Science and Technology like Institution of Electronics and Telecommunication Engineers (IETE), Indian Society for Technical Education (ISTE), Computer Society of India(CSI), Institution of Engineer of India(IEI) for Electronics and Telecommunication, Electrical, Mechanical, Civil, Computer Science and Engineering . (C) Online Courses and Certification: NPTEL (National Programme on Technology Enhanced Learning) is a joint initiative of the IITs and IISc includes online courses and certification in various topics. The basic objective of science and engineering education in India is to devise and guide reforms that will transform India into a strong and vibrant knowledge economy. PLITMS recognized as 'A' grade NPTEL local chapter which includes active participation of faculty and students. (D) Memorandum of Understanding: To develop and expand a framework of co-operation between two parties to boost the existing skills, MOU has been signed in between PLITMS and several companies/institutes. (E) Support to society: To provide the facility for rural students Faculty members, college has started activities as follows: 1. Nodal Resource Centre (NRC) for spoken tutorial project-IIT Bombay for Buldana district region. 2. NPTEL Local chapter IIT Madras, IIT Bombay Remote centre for STTP programs for Buldana District from December 2016. 3. Social awareness programs like blood donation, fund donation for cancer, blind persons, physically deprived people orphans and so on are initiated with the participation of students. In future we are planning to complete permanent affiliation of university, completion of 2(f) and 12(B) certification and to develop research Laboratory.

Provide the weblink of the institution
http://plit.ac.in/wp-content/uploads/2022/01/7.3.1-compressed-1.pdf

8.Future Plans of Actions for Next Academic Year

1. To achieve higher placements compared to previous years 2. Organization of Seminars/ Workshops, National and International Conferences, Faculty Development Programs, Industrial Visits and Inplant Trainings, Field trips fro stake holders 3. Improving students admission through counseling and guidance sessions 4. Strengthening Industry- Institute and Institute-institute interaction through III cell for industrial visit, internship and implant training, various workshop and MOU. 5. Proposal to be submitted for PhD research laboratory to Sant GadgeBaba Amravati University, Amravati. 6. Strengthening Academic Activity by implementing outcome based Education. 7. Strengthening social awareness through NSS 8. Getting associated with International Professional societies like IEEE to organize International conference 9. Strengthening ED cell to conduct the workshop for students to create budding Entrepreneurs.