Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT AND TECHNOLOGY**
Name of the head of the Institution	**Dr. Alok Kumar Jain**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**07713501600**
Mobile no.	**9425555593**
Registered Email	**principal@ssipmt.com**
Alternate Email	**info@ssipmt.com**
Address	**Old Dhamtari Road, P.O.: Sejabahar, Mujgahan Pin Code: 492015, Raipur, Chhattisgarh**
City/Town	**RAIPUR**
State/UT	**Chhattisgarh**

Pincode	**492015**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**DR. NAVEEN JAIN**
Phone no/Alternate Phone no.	**07713501601**
Mobile no.	**9617060000**
Registered Email	**n.jain@ssipmt.com**
Alternate Email	**m.chande@ssipmt.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://ssipmt.com/data/naac/SSR%20Cycle%20-%20I.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://ssipmt.com/naac.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**2.78**	**2021**	**08-Feb-2021**	**07-Feb-2026**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**20-Jul-2018**

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

Participation in NIRF Ranking	11-Jun-2020 1	969
Participation in ARIIA Ranking	18-Aug-2019 1	145
Establishment of IIC council	30-Aug-2019 1	7
International conference organized	10-Jan-2020 2	200
MOU with Coursera for on line certification courses for faculties and students	15-Apr-2020 180	367
state level Hackathon in collaboration with CSVTU	17-Oct-2019 2	200
Implementation of ERP modules in institute	16-Sep-2019 365	1712
Academic and Administration Audit	25-Jul-2019 7	70
MOU with Intel Technology India Private Limited	12-Dec-2019 1825	65
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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.DHIRENDRA SING KSHATRI	TEQIP III	MHRD	2019 365	200000
Dr. Manish sakhlecha	TEQIP III	MHRD	2019 365	300000
Dr. Rakesh Singh Dhundhel	TEQIP III	MHRD	2019 365	150000
Mr. Atul Chakrawarti	TEQIP III	MHRD	2019 365	250000
Mr. Sumit Kumar Roy	TEQIP III	MHRD	2019 365	150000
DR. MANOJ KUMAR CHANDE	TEQIP III	MHRD	2019 365	130000
Dr. Hemlata Sinha	TEQIP III	MHRD	2019 365	160000
Dr. NAVEEN JAIN	TEQIP III	MHRD	2019 365	100000
DR. SEEMA ARORA	TEQIP III	MHRD	2019 365	150000
Mr. Upendra Soni	TEQIP III	MHRD	2019 365	250000

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)

Multi disciplinary innovation ecosystem in institute, TEQIP III /Collaborative Projects, NBA accreditation (Mechanical Engineering and Computer Science Engineering Branch), Organizing International conference Learning Management system in Institution (ERP).

[View File](#)

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
Starting Value Added/ Certificate Courses	**Successfully Conducted**
AAA Internal and External Audit	**Completed**
NBA Accreditation (Mechanical and Computer Science Engineering	**Completed**
ERP Establishment	**Partially Implements (Few Modules)**
IIC Establishment in Institution	**Completed**
Organizing International Conference	**Completed**
Availing Collaborative Projects	**Completed**
[View File](#)	

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 ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	29-May-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)	Shri Shankracharya institute of Professional Management and Technology, Raipur is committed to conserve the environment and firmly believe on establishing a paperless working system in the institution. The IQAC of the institute took this hand in task and signed agreement with Netcampus on 16 September 2019 for establishing various modules consolidating all information at single place and use the resources available in optimal manner. The modules working are 1) Front office management : visitor management , help desk management, certificates and transcriptions 2) Fees management : facility to accept the fees, fees exemption, fee receipt printing, fees reconciliation with banks, and integration with accounts 3) Academics: attendance management, time table management , online class scheduling, assignments and notes management, class test and marks management 4) Library management: book list, journal list, barcode generation and accession, book search, stock maintenance, 5) Employee management : personal details and service master, payroll management, 6) Attendance system: thumb and face recognition based attendance system for faculty and staff.

<div align="center">Part B</div>

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

Shri Shankaracharya Institute of Professional Management and Technology (SSIPMT), Raipur has been known for its academic leadership. The University results and its overall alignment with the industry bear testimony to this fact. The Institute is affiliated with state technical University CSVTU, Bhilai. The curriculum prescribed by the University are strictly adhered to and are further enriched with regular Guest lectures, Seminars, Industrial Visits, Training Programs, Certificate Courses, Workshops, and Student Development Programs to make students industry-ready. The Teaching-Learning process (TLP) aims at creating an eco-system that strives to achieve the academic and professional development of the students. Apart from the prescribed curriculum, the institute has strategized ways and means to strengthen the TLP in following ways: • Planning of academic activities and freezing of Institute academic calendar in alignment with the academic calendar of the University. • Formulation of objective-driven teaching plan at the beginning of the semester. • Imparting of quality education through ICT tools. • Updated library facilities with e-journals and books. • Maintenance of Course Files by faculty members which contains a Lesson Plan, Notes, Question Bank and performance details of the students. • Modern Learning Techniques in addition to the traditional lecture method such as Peer Learning, Group Discussion, NPTEL Lectures, Case Studies, Projects, Surveys, Quizzes, etc., in the delivery of the Object Base Education. • Creating a meaningful mentor-mentee pool with the objectives of creating a conducive environment for the students to excel on the path of excellence. • SSIPMT has a strong industry institution linkage through MOU's, Industry visits, and lectures of industry experts in institutions which helps in bridging the industry-academia gap. Further, it helps to equip the students with the latest technical know-how of industrial trends and practices. • Course allotment to faculty based on experience and performance in previous years. • Time table framed with provision for Value Added Courses and library hours. • The Principal and HODs do a periodical review of the coverage of syllabus by the faculty members and also the student's attendance. • Monitoring of course delivery and syllabus completion through a formal and informal feedback system to ensure that Course Outcome (CO) and Program Outcome (PO) are met to the highest possible extent. • The systematic examination process, comprising of the preparation of question papers according to Bloom Taxonomy, proper and prompt evaluation, and dissemination of results to all stakeholders. • Provision of state of the art labs to facilitate practical knowledge. • Encouraging students to do innovative project work for the Centre of Excellence. • Motivating students for doing research work, present papers in Seminars / Conferences and publish in journals. • Adopting effective delivery of curriculum towards "Outcome-Based Approach" through case studies, minor and major projects, internships for all UG and PG students. • Question papers for the internal tests are so designed to facilitate the assessment of the attainments of the CO. • The Principal conducts interminable meetings with the HODs/faculty to develop strategies for effective implementation of the curriculum.

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
INTERNET OF THINGS	Nil	05/08/2019	7	Employability	Hardware and Coding Skills
PCB Designing	Nil	19/01/2020	5	Employability	PCB Hardware Soldering, Etching

REACT AND NODE JS	Nil	20/01/2020	6	Employability	Front End Designing of web
INTEL INTELIGENCE SYSTEM	Nil	20/01/2020	5	Employability	IOT

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
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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
BE	Civil Engineering	28/12/2019
Mtech	Structural Engineering	19/08/2019
Mtech	Production Engineering	19/08/2019
MBA	Marketing, Finance, Human Resource, Systems, Production Management	16/08/2019
BE	Mechanical Engineering	28/12/2019
BE	Information Technology	28/12/2019
BE	Computer Science and Engineering	28/12/2019
BE	Electronics and Telecommunication	28/12/2019

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

	Certificate	Diploma Course
Number of Students	434	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
Software training on MX Road	06/11/2019	17
My Anatomy Test	03/10/2019	39
SSIPMT Spellbinder Toastmasters International Club	01/07/2019	26
SSIPMT Spellbinder Toastmasters International Club	01/01/2020	26
Campus Requirutment Training	27/01/2020	55

Advance Digital Logic Design	28/08/2019	35
Training on Chip Testing	20/06/2019	25
Internet of Things	20/01/2020	15
Personality Development Program	05/08/2019	52
Personality Development Program	16/01/2020	52
	[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	Computer Science Engineering	17
BE	Mechanical Engineering	44
BE	Electronics and Telecommunication	6
BE	Civil Engineering	27
BE	Information Technology	21
MBA	Management	21
	[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

Shri Shankaracharya Institute of Professional Management and Technology, Raipur believes in regular self-development and to take every criticism in a positive way and make continuous improvements in the process. This is a two way method and involves all the stakeholders in the institute. The main entities which play an important part in providing feedback are the current students and, the alumni who once were part of this institute and have now become the ambassadors of the culture and tradition they have inculcated in their days at institute. This also involves the parents of these children as they have believed in the institute and have entrusted us with the future of their children. The Faculty also plays an important part in providing their valuable thoughts and inputs to improve the academic facilities of the institute. The process of seeking feedback is initiated once the student is promoted to the next session of his academic life, wherein they have to provide their feedback on TLP, facilities like, hostel, canteen, transportation etc. The process of taking the response

is now done online unlike in past where paper document was used to take their response. The online method has improved the process of compiling and analyzing data, by reducing the time period of response collection and increasing the efficiency of the whole process. From this academic year onwards, every student is provided the link which is used to access an interface where a student can record and submit their responses. The student can login with the credentials provided to them from institute and the form provides them with a set of questions and they can choose the most appropriate response based on their own will. These results are analyzed from the point of view for further improvement. The process of complete analysis and decision making on further improvements is made in review meeting conducted with all the head of departments. All the metrics are discussed upon and suggestions are taken from the concerned coordinators and in-charges by the Principal, who is responsible for discussing these issues with the management of Institute. The management reviews all the suggestions and decides on those agendas which need immediate action and provide required support, including financial and structural. This whole process of seeking feedback and acting upon the suggestions has helped management of the institute in improving its facilities provided to the student, teaching learning process, library, learning facilities, and other auxiliary services like hostel, transportation and mess. In last couple of years institute has increased number of books, better internet connection, providing facilities for students to become entrepreneurs.

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
BTech	Mechanical Engineering	90	22	22
BTech	Computer Science Engineering	120	125	125
BTech	Information Technology	60	61	61
MBA	Finance, HR, Marketing, System, Production Management	54	52	52
Mtech	Structural Engineering	30	26	26
Mtech	Production Engineering	16	4	4
BTech	Electronics and Telecommuni cation	120	26	26

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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	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers

	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2019	1390	152	96	8	8

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
112	112	27	20	2	6

[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)

SSIPMT, Raipur possesses a meticulous mentoring system which serves as the most emphatic means not merely for grievance handling of students but also provides thorough development in personal and professional realms. This system establishes an open channel communication between students and mentor and also connects all the pillars essential for student's growth i.e. teachers, parents, resource person with students themselves. Mentoring activity is carried out as an integral part of student's progression towards excellence during all sessions of four year under graduate degree programm. Each faculty is required to cogently administer a given number of students and a meeting for the same is held at definite time intervals . Academic progress of the mentee are reviewed primarily based on the previous end semester examination and class test results, which if found unsatisfactory, the reasons behind it are explored and assistance as required is facilitated by mentor and the respective subject teacher, which includes additional classes for doubt clearing and assignments for better problem solving. If the results are found satisfactory, students are encouraged to aspire for more like campus recruitment training and various job and higher study opportunities in public and private sector. During recurring meetings, attendance monitoring is done to assure that students are receptive enough and do not miss out on the quality content being delivered druing classroom interaction. Participation in extracurricular and co-curricular activities is galvanized among the mentee. Based on the expertise and inclination of the individual, the mentor promotes the mentee for participative learning by being part of cultural and technical fests organized within and outside the institution and the region. Mentee are encouraged to publish research papers in reputed journals to enhance their technical thinking and writing competency. Mentee are invigorated to undergo trainings and internships in regarded industries and organizations and also to weave strong social bonds by being part of activities under the banner of NCC, NSS. Students mentoring system at SSIPMT, Raipur, strives to nurture the mental, physical growth of students by promoting them to involve in sports, yoga, meditation activities as well. This system serves as a medium to enable students to channelize their short term and long term plans into actions to prepare them towards the realization of their selected career avenues thereby imbibing the qualities of an acknowledged technocrat and a responsible citizen. Along with these mentioned activities being carried out by the mentor and mentee, the students can bring forth their academic and personal problems, if any, in the knowledge of mentor for timely solution. This system involves periodic reporting of minutes of the meeting to head of every department. Students mentoring system enables to identify the tacit expectations and needs of the students from the faculty and institution, thereby assisting in formulation of course of action for the future.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1542	112	1:14

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

145	112	33	31	24

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. MANOJ KUMAR CHANDE	Associate Professor	NPTEL BELIEVER
		[View File](#)	

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
Mtech	5050	2nd/2019-20	10/11/2020	10/12/2020
Mtech	5042	2nd/2019-20	07/11/2020	10/12/2020
BE	3020/3022/3033/3028/3037	5th/2019-20	19/12/2019	27/01/2020
BE	3020/3022/3033/3028/3037	3rd/2019-20	17/12/2019	29/01/2020
BE	3020/3022/3033/3028/3037	1st/2019-20	22/01/2020	28/02/2020
MBA	5076	1st/2019-20	30/12/2019	02/02/2020
MBA	5076	3rd/2019-20	10/01/2020	13/02/2020
Mtech	5042	1st/2019-20	06/01/2020	17/03/2020
BE	3020/3022/3033/3028/3037	8th/2019-20	29/09/2020	09/11/2020
BE	3020/3022/3033/3028/3037	7th/2019-20	29/11/2019	10/01/2020
		[View File](#)		

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

SSIPMT is affiliated to CSVTU and as per the University norms 2 Class Tests (CTs) are conducted every semester. The question paper pattern is based on end semester exam. The first CT is conducted on first two units and followed by the second CT with remaining three units. The questions are framed as per the Blooms taxonomy and are mapped with course outcomes in order to enhance student skills in terms of understanding and application. To help students for preparation, unit wise question banks are provided for all subjects. Answer key is prepared by every subject teacher before Valuation. Valuation of answer sheets is done by subject teacher within the stipulated time. Compiled marks are communicated to students through Learning Management System and to parents through Parents Teacher Meeting. The students can see their evaluated answer sheets and discuss the same with concerned faculty. Marks of students are also shared with mentors for Remedial Classes. Faculty also conducts activities like surprise test, Assignments, MCQ, quiz etc for assessing the student

performance. Continuous evaluation is done for practical subjects too. Internal Practical Examination is conducted at departmental level. Based on the above academic activities and attendance Teacher Assessment marks are decided. Additional measures for reforms in CIE are: 1. Final Year Projects are evaluated through Presentation and Synopsis by respective guides, DAC committee and Project in charge and based on that final evaluation sheet is prepared. 2. CT/Practical Internal/Assignments were conducted through online modes during the Covid-19 Pandemic period.

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

The Academic calendar is prepared by every department at the beginning of each academic session that contains plan for curricular and co-curricular activities based on the University academic calendar. It is reviewed by IQAC before implementation. This includes date wise schedule of classes, internal assessments, End semester examination (ESE), co-curricular and extracurricular activities. In general, departments plan for induction program at the beginning of session. For internal assessment of teaching - learning, two class tests are planned for each subject. Adhering to the concern of overall development of students, schedules for industrial visits, workshops, seminars/webinars, campus recruitment training, personality development programs and other co-curricular activities are added. Various technical, cultural, management events like Hackathon, Tech-Fest, Pyramid, Annual day and list of holidays are indicated in the calendar on appropriate dates. Days of National importance such as Independence Day, Republic day also Festivals like Saraswati Puja, Ganesh Festival etc. are celebrated. With reference to the University Academic Calendar, Schedule for ESE is also mentioned. In the beginning of the academic session, students are apprised of academic calendar and the same is displayed on notice boards as well as on college website. Also each faculty prepares lesson plan in accordance to the academic plan and decides the pedagogy to be used by faculty indicating the teaching - learning aids and methodology to be used, number of lectures required and the course content to be delivered. Head of the departments then monitors the implementation of lesson plan and suggests corrective actions, if required.

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)

https://www.ssipmt.com/civil-engineering.php

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
5042	Mtech	PRODUCTION ENGINEERING	1	1	100
5050	Mtech	STRUCTURAL ENGINEERING	9	9	100
5076	MBA	MBA	44	41	93.18
3037	BE	MECHANICAL ENGINEERING	106	101	95.28
3033	BE	INFORMATION	52	51	98.08

3028	BE	ELECTRONICS AND TELECOMMUNICATION	59	59	100
3020	BE	CIVIL ENGINEERING	84	79	94.05
3022	BE	COMPUTER SCEINCE	77	73	94.81
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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)

https://ssipmt.com/pdf/sss%2007-Oct-2021%2015-37-32.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
Any Other (Specify)	30	SUDA raipur	3.42	3.42
		No file uploaded.		

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
One Day Workshop on Intellectual Property Rights :Technology trends Tools	Institute innovation Cell (IIC)	11/09/2019
One Day Interactive session on IPR	Institute innovation Cell (IIC)	23/12/2019
Student Development program on IoT	Computer Science Engineering/ Information Technology	05/08/2019
PCB Design Training Program	Computer Science Engineering/ Information Technology	19/01/2020
React and Node JS	Computer Science Engineering/ Information Technology	20/01/2020
Intel Intelligence System	Computer Science Engineering/ Information Technology	20/01/2020
WORKSHOP ON PROBLEM SOLVING/DESIGN THINKING/IDEATION	Institute innovation Cell (IIC)	20/09/2019

WORKSHOP/ CAMPUS HACKATHON ETC		
DEMONSTRATION OF POC of INNOVATIVE PRODUCTS	Institute innovation Cell (IIC)	30/09/2019
State level Hackathon in collaboration with state university	Institute innovation Cell (IIC)	17/10/2019
FIELD/EXPOSURE VISIT TO DESIGN CENTRE/MAKERS' SPACE/FAB LAB - 36 Inc	Institute innovation Cell (IIC)	28/12/2019

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
Vidyut - An Electric Two Wheeler	Sagar Sahu	TEQIP - III Cell	18/10/2019	Automobile
Smart Wheel Chair	Akasnsha Pandey	TEQIP - III Cell	18/10/2019	Health
Smart Solution for Blind - The Third Eye	Abhinav Kumar	TEQIP - III Cell	18/10/2019	Health
Seed Sowing Machine	Anubha Sinha	TEQIP - III Cell	18/10/2019	Agriculture
Electric Car	Varun Mishra	TEQIP - III Cell	18/10/2019	Automobile
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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
Nill	Nill	Nill	Mor Garage	Service Provide	25/08/2019
Nill	Nill	Nill	Lamhe Studio	Video Recording	05/07/2019
Nill	Nill	Nill	Fit Filter Service Private Limited	Service Provide	24/10/2019
Nill	Nill	TEQIP-III	Everex E-Bike	Electrical Vehicle	08/08/2019
[View File](#)					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
54	00	12

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

Name of the Department	Number of PhD's Awarded

NIL	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)
National	Computer Science Engineering	14	3.07
International	Computer Science Engineering	19	0
International	Electronics Telecommunication	2	1.7
National	Chemistry	1	1
International	physics	1	1.33
International	Mathematics	1	0
International	Mechanical Engineering	4	3.29

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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	1

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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
A literature Review on Energy Value Stream Mapping (EVSM)	Mrs. Neha verma	International Journal of Advanced Science and Technology	2019	0	SSIPMT, Raipur	Nill
An Experimental Research in Sustainability Analysis in Industries based on lean green and six sigma using AHP and Fuzzy	Mrs. Neha verma	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2	SSIPMT, Raipur	2

AHP						
Evaluating the Environmental Impact Score of a Residential Building Using Life Cycle Assessment	Dr. Manish Sakhlecha	International Journal of Social Ecology and Sustainable Development	2019	0	National Institute of Technology, Raipur, India	Nill
Experimental evaluation of a long still with gavanised iron sheet as condensing cover at different basin water flow rate: study of heat and mass transfer	Dr. Mayank Sharma	International journal of Ambient energy	2019	2	NIT Raipur	2
Optimized structural and optical behavior of Dy3 ions doped SrS nano-powders for thin film fabrication	Dr. Shubhra Mishra	Functional Materials Letters	2019	0	SSIPMT, Raipur	Nill
[View File](#)						

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
Experimental evaluation of a long still with gavanised	Mr. Mayank Sharma	International journal of Ambient energy	2019	2	2	NIT RAIPUR

iron sheet as condensing cover at different basin water flow rate: study of heat and mass transfer						
An Experimental Research in Sustainability Analysis in Industries based on lean green and six sigma using AHP and Fuzzy AHP	Mrs. Neha verma	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	3	2	SSIPMT, Raipur
A literature Review on Energy Value Stream Mapping (EVSM)	Mrs. Neha verma	International Journal of Advanced Science and Technology	2019	3	Nill	SSIPMT, Raipur
Sustainable supplier selection under must-be criteria through Fuzzy inference system	Dr. Naveen Jain	Journal of Cleaner Production	2020	6	42	NIT RAIPUR
Sustainable supplier selection criteria classification for Indian iron and steel	Dr. Naveen Jain	International Journal of Sustainable Engineering	2020	6	11	NIT RAIPUR

industry: a fuzzy modified Kano model approach						
IoT Based Automated Dry And Wet Waste Segregator	Dr. J P PATRA	Journal of Advanced Research in Dynamical and Control Systems	2020	Nill	Nill	SSIPMT, Raipur
Image Re storation Techniques Used in the Field of Remote Sensing Network and Applic ation: A Review	Dr. J P PATRA	Solid State Technology	2020	Nill	Nill	SSIPMT,R AIPUR

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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/Semi nars/Workshops	23	27	10	Nill
Presented papers	20	6	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
Awarness Campaign and Nukkad Natak at Village Julum	Unnat Bharat Abhiyan	5	40
Cleanliness Awarness Rally	Unnat Bharat Abhiyan	5	50
(GGSY 2019) SOLAR AMBASSADOR WORKSHOP	National Service Scheme	2	25
NSS FOUNDATION DAY	National Service Scheme	1	25
AWARENESS CAMPAIGN and NUKKAD	National Service Scheme	2	40

SADBHAVANA DIWAS	National Service Scheme	1	45
Swachhata Pakhwada	National Service Scheme	1	50
Launching of FIT India Movement in India:-	National Service Scheme	1	80
PLANTATION WORK	National Service Scheme	1	10
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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
No file uploaded.			

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
Health Awarness	National Service Scheme	Organized Rally and various sports on Under Fit India	1	25
Social Awarness	National Service Scheme	National Youth Week,2020	1	15
Social Awarness	National Service Scheme	Celebration of Indian Constitution Day	1	30
Social Awarness	National Service Scheme	(GGSY 2019) SOLAR AMBASSADOR WORKSHOP	2	25
Social Awarness Sports competition	National Service Scheme	NSS FOUNDATION DAY	1	25
Social Awarness	National Service Scheme	AWARENESS CAMPAIGN and NUKKAD	2	40
Environmental Awarness	National Service Scheme	PLANTATION WORK	1	10
Health Awarness	National Service Scheme	Launching of FIT India Movement in India:-	1	80
Swachhta	National	Swachhata	1	50

Bharat Mission	Service Scheme	Pakhwada		
Social Awarness	National Service Scheme	SADBHAVANA DIWAS	1	45

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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
Collaborative Research Project	MR. AMRENDRA KUMAR SINGH, BIT DURG	TEQIP III , CSVTU, Bhilai	365
Collaborative Research Project	Mr. Vidhata Poddar (CEC, BILASPUR) & M. Robert Mard (GGU Bilaspur)	TEQIP III , CSVTU, Bhilai	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
Industry/Institute	Internship	Chhattisgarh State Power Distribution	11/07/2019	22/08/2019	1
Industry/Institute	Internship	Ml Soni Chambers	15/07/2019	30/08/2019	1
Industry/Institute	Internship	Hathway CCN Multinet Pvt.Ltd.	01/07/2019	15/08/2019	1
Industry/Institute	Internship	Dainik Bhaskar, Raipur	01/07/2019	31/08/2019	1
Industry/Institute	Internship	Exposys Data Labs	29/05/2020	29/06/2020	1
Industry/Institute	Internship	TechnoScripts Pune	16/12/2019	31/01/2020	1
Industry/Institute	Internship	NIELIT	24/06/2019	29/07/2019	1
Industry/Institute	Imaprting training and exposure to student engineering	Jaiswal Neco Industries Limited	01/01/2019	31/12/2020	0
Industry/Institute	Techanical	Simplex	01/01/2019	31/12/2020	0

nstitute	Support and Guidance	Castings Ltd			
Industry/Institute	Summer Training/Internship	KALPTARU Power Transmission Limited	01/01/2019	31/12/2020	3

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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
Intel Technology India Private Limited,	12/12/2019	To conduct workshops on Intel Embedded systems under the Intel College Excellence Program	65
Coursera for Campus	15/04/2020	To help SSIPMT Raipur provide curated online learning experience to students of the institute	369
SAARC MAST Technologies	16/09/2019	ERP Establishment	1712

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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
40	49.4

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

Classrooms with Wi-Fi OR LAN	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
Library Management Software	Partially	3	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	20020	4955443	128	38648	20148	4994091
Reference Books	3597	144828	31	18778	3628	163606
e-Books	89856	Nill	21856	Nill	111712	Nill
Journals	708	1603379	104	264710	812	1868089
e-Journals	1650	2574643	275	682297	1925	3256940
Digital Database	8	1725324	1	282310	9	2007634
CD & Video	1973	Nill	Nill	Nill	1973	Nill
Library Automation	1	12000	Nill	Nill	1	12000
Weeding (hard & soft)	14	4370	2	480	16	4850
Others(specify)	337	539246	44	148435	381	687681
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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. Pranjali Sharma	Mathematics	Youtube Channel	02/04/2020
Mr. Pradeep Kumar Sahu	Paddy Ploughing Machine	Youtube Channel	20/02/2020
Mr. Pradeep Kumar Sahu	Gear Shifting Mechanism	Youtube Channel	01/04/2020
Mr. Pradeep Kumar Sahu	Rotary Mechanism	Youtube Channel	31/03/2020
Mr. Pradeep Kumar	Reciprocating	Youtube Channel	22/05/2020

Sahu	Eccentrics Rod Mechanism		
Mr. Pradeep Kumar Sahu	Angular Transmission Mechanism	Youtube Channel	29/04/2020
Mr. Pradeep Kumar Sahu	Constant Speed with Variable Parallel Distance Axis Mechanism	Youtube Channel	07/05/2020
Mr. Pradeep Kumar Sahu	Arandela Mechanism	Youtube Channel	02/04/2020
Mr. Pradeep Kumar Sahu	Gearless Transmission Mechanism	Youtube Channel	24/05/2020
Mr. Pradeep Kumar Sahu	SolidWorks Tutorial For Beginner | Use of Arc, Rib,Extrude, Mirror and Rib command | Exercise-17	Youtube Channel	23/03/2020
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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	644	432	644	30	30	45	55	200	52
Added	5	4	5	0	0	0	1	0	0
Total	649	436	649	30	30	45	56	200	52

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

200 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
VIDEO LECTURE RECORDING ROOM	https://ssipmt.com/vlcs.php
Lecture Capture system (lecture recording studio)	https://youtu.be/feYhPIYljeUhttps://youtu.be/feYhPIYljeUhtthttps://youtu.be/feYhPIYljeUps://youtu.be/feYhPIYljeU
Vlive	https://www.youtube.com/channel/UCqpDXwqlRWtmvhztJE_VYhg/playlists

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
118.65	136.06	450.26	385.24

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 has standard established systems and procedures for maintaining the physical, academic and support facilities. Institute level committees look after the various aspects of the utilization and maintenance of the physical, academic and support facilities. The college gives great prominence to creation maintenance and upkeep the entire infrastructure necessary for effective teaching learning development and efficient maintenance. In the Institute the teaching departments has adequate infrastructure facilities like class rooms, faculty rooms, wash rooms, common rooms, and laboratories. The effective usage of all the facilities is ensured by introducing exclusive hours for sports and Central Library through allocating periods in time table. As maintenance is ongoing process, requirement for maintenance is prepared by the concern department and forwarded through HOD to concern member. The maintenance In-charge ensures that desired work is carried out meticulously and report to Principal about completion of work. The Institute has Maintenance Cell that oversees the overall maintenance of buildings, classrooms and laboratories and Campus. The maintenance cell has two major groups' i.e. civil maintenance and Electrical maintenance cell. A dedicated team is responsible for maintenance, managing and repair of CCTV, internet facility, computers, printers, computer and other electronic peripherals. General electric maintenance is done by electrician resident on-campus. Adequate in-house staff is employed to maintain cleanliness of the campus so as to provide a congenial learning environment. Classrooms, Staff rooms, Seminar halls and Laboratories, etc. are cleaned and maintained regularly. Wash rooms and common rooms are well maintained. Dustbins are placed on every floor at identified places. Library is cleaned daily as students frequently visit it. Institute boasts of a huge sports area, with basketball and tennis court beside each other and volleyball court near to these two. With a huge cricket ground, regular maintenance of these facilities is carried out by sport officer of the Institute with help from support staff. A few specific initiatives undertaken to improve the physical ambience in the last four years are: organizing the parking area, coloring of buildings, changing window pane glasses, renovation of washrooms, planting of new trees. Fire extinguishers are installed at critical places, Labs and inspected from time to time. Institute has its own 125 KVA generator for power backup, solar power generating batteries which help in reducing electrical breakdowns.

https://www.ssipmt.com

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	Freeship	39	933380
Financial Support from Other Sources			
a) National	Minority, GATE, Merit, Technical,	402	10971325

		etc.		
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
Bridge Course - PCB Design Training Program	19/01/2020	150	indeyes infotech pvt ltd bhopal
Bridge Course - Student Development progem on IoT	05/08/2019	160	indeyes infotech pvt ltd bhopal
Mentoring	28/09/2019	327	In house
Remedial Classes	19/11/2019	170	In house
Remedial Classes	12/09/2019	125	In house
Bridge Course -Multidisciplinary Class - Arduino	09/09/2019	91	In house
Bridge Course -Multidisciplinary Class - C language	09/09/2019	91	In house
Soft skill Devlepment Classes	29/01/2020	27	Imperial Education, BHILAI
Personality and presentation skills contest	21/04/2020	534	In House

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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 passedin the comp. exam	Number of studentsp placed
2019	GATE	46	Nill	8	Nill
2019	Campus Recruitment Taining	44	84	1	31
2019	SOFT SKILL	27	27	Nill	Nill
2019	Carrer Guidance for UPSC and other State Level Examinations	43	Nill	Nill	8
2019	Career opp	Nill	38	6	Nill

| 2019 | First Naukri - Mock Assetment Test | 36 | Nill | Nill | Nill |
| 2019 | Mock Group Discussion / Personal Interview | 45 | 45 | 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
TEK Systems, Asahi Glass, BYJUs, Collabera, Doubtnut, Magure Software, Lentra AI, TRAY, Schindler, TIOT SYSTEM PVT. LTD.	1075	36	Capgemini, Cognizant, Tech Mahindra, ExtraMarks, Globussoft, Persistent, Tech Mahindra, 3G Solution, Acuvate Software Pvt.Ltd., Accenture, Concentric, Global Logic, IBM, Infosys, TCS, Technovert Keka, Qsp Technology, NB Digital, Smile Boats, Wipro	2207	151

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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	BE	ET&T	SSIPMT Raipur	MBA
2019	1	BE	Mechanical	NIT Raipur	M.Tech
2019	1	BE	Mechanical	IIM Tiruch irappalli	MBA
2019	3	BE	Computer Science and Engineering	IIT Banglore,IIT Gandhinagar, DTU	M.Tech.
2019	2	BE	CIVIL	KALINGA University Raipur	M.Tech.
2019	1	BE	CIVIL	SSIPMT Raipur	M.Tech.
2019	1	BE	CIVIL	SSTC Bhilai	M.Tech.
2019	1	BE	CIVIL	NIT, Rourkela	M.Tech.
2019	1	BE	CIVIL	G. H. Raisoni College of Engineering	M.Tech.
2019	1	BE	CIVIL	Coventry University, England	M.Sc. Buisness management

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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	5

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

Activity	Level	Number of Participants
Inter - College Competition PYRAMID - A Triangular Quest - Management Games, Cultural Fest	Inter - college	500

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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	Certificate of Merit	National	Nill	1	30330281 8019	Nidhees Raj Goyal
2019	Certificate of Merit (IIT Bhilai)	National	Nill	1	30330201 8081	Aditya Singh Bhuwal
2019	Certificate (AIU)	National	1	Nill	30330201 8106	mohd. anas danish khan
2019	Certificate (NIT Raipur)	National	Nill	1	30330221 9125	Zeenat Saba
2019	Certificate (IIT Bhilai)	National	Nill	1	30330221 9125	Zeenat Saba
2019	Certificate of merit (NIT Raipur)	National	Nill	1	77064714 04467	Diwakar Sahu
2019	Certificate of merit (IIT Bhilai)	National	Nill	1	77064714 04467	Diwakar Sahu
2019	Certificate of merit	National	Nill	1	30330221 9009	Adabala Navneeta
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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)

SSIPMT being student centric involves students in every sphere of its work. The Institute teaches the students to focus on ethical principles and adhere to professional ethics and norms of Engineering. Each department in the institute has a student association for conducting various activities and programs. The various associations are ELEXA in ETT, MEA in Mechanical Engineering, iTECH in Information Technology, CSA in Computer Science, ACE in Civil Engineering and M2M in Department of Management Studies. All students of a branch are the members of their departmental association, and few students hold various portfolio for smooth working of associations. These associations extend their supporting hands to the organizers of various events like Hackathons, Annual sports, Annual function, workshops/Seminars/conferences etc. It aims to develop the personality, organizational skills and career of the students through involving them in co-curricular and extracurricular activities. Every department nominates a class representative for proper co-ordination in all activities. Institute has a student council which acts as a platform for the student community to address various academic and administrative aspects. Student council have positions like President, Vice-President, Secretary and Joint Secretary. The members of student council also represent the Institute at University level Student Council. At both level student council brings out the

opinions and requirements of the students to the authorities and act as a link between the administration and students. The Institute has National Service Scheme (NSS) unit which sensitize students towards community issues, gender disparities, social inequity, and inculcate ethical values and commitment towards society. Under NSS Wing, a nearby village has been adopted, where several activities are organized at regular intervals. An NCC Girls Wing is also operational in the institute. The institute also actively organizes campaigns under Swachh Bharat Abhiyan and Unnat Bharat Abhiyan from time to time. The institute organizes various awareness programs for community services and addressing societal issues in the neighborhood community. The institute strongly understands the need and responsibility of not only creating successful professionals but also inculcating the values, integrity and ethics in them. Students are encouraged to address societal issues and challenges, to make them realize their responsibilities and duties towards the society and nation at large. In this regard SSIPMT organizes special social activities such as Blood Donation camps, rural development activities, Campus Cleanliness Camp and to maintain good social environment under the umbrella of NSS and Students association of all the departments. Students actively involves in institute level activities such as celebrating national festivals and birth/ death anniversaries of the great Indian personalities, Independence Day, Republic Day, Gandhi Jayanti, Teacher's Day, Engineer's Day, Mandir Patotsav, Vishwakarma Jayanti, Basant Panchami, Shri Krishna Janmashtami, Ganesh Puja, Hareli, International Women's Day, International Yoga Day, Sports Day, Teachers Day, Fresher's Day, Alumni meet and Farewell in a joyful and harmonious manner in the campus.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Shri Shankaracharya Institute of Professional Management Technology Alumni Association is registered under Chhattisgarh Society Registration Act, 1973. The same was registered on March 27, 2014.

5.4.2 – No. of enrolled Alumni:

546

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1

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)

SSIPMT, Raipur upholds the principle of inclusive management and encourage participation of all the stakeholders for a smooth working of the institute. These values have been the building base of the institute and has been practiced since its inception in 2008. Still a young organization of the region, it has achieved many feats with collective efforts of the management and employee equally, which in itself proves the efficacy of such policies. The Institute is governed by the Shri Gangajali Education society (SGES). The Society consist of visionaries from various fields like, academics, industry and business, who strive to provide best support and guidance to the students

of the institute. The society members provide the students much needed motivation to pave a path for their own success and provide a stepping stone for the next generation of budding engineers and managers. The institute in itself practices inclusivity to its core and every member of the institute is provided avenues to give their input, which creates fluidity and transparency in the everyday functionalities of the institute. Although, the final decision rests with the management of institute and the members of governing society, the suggestions and inputs from all the stakeholders is taken into consideration before reaching final consensus. Firstly, the institute has divided its main tasks and works into various portfolios and has appointed in-charges who coordinate and monitor smooth execution and overall functioning of various bodies. The portfolio is prepared every year, before commencement of upcoming academic year, which, after proper authorization from Principal is circulated to get formal acceptance from the office bearers as per the cells and committees mentioned therein, which in turn gives the coordinators and the corresponding team, idea about the forthcoming roles and responsibilities. One such example of distribution of duties is evident in the events which were organized by the various cells and organizations currently active in the institute. Secondly, the whole institute although working as a single entity, is divided into various units, which take their own decisions and work as per the policies. The one instance of this practice is when the department of Mechanical Engineering (ME) and Computer Science Engineering (CSE) received their NBA accreditation under Internal Quality Assurance Cell (IQAC). The IQAC acted as the focal point of storing and sharing of data within the institute from central departments to both CSE and ME, which streamlined the whole process and ME and CSE were able to file their SAR successfully, on time. IQAC charted a roadmap for these departments to follow with predefined milestones and a set timeline. The departments were regularly prompted and supported to collect and document the necessary data, which were verified by the IQAC before final submissions could be made. This whole process though endearing at times and tedious in action, proved to be fruitful and both these departments successfully presented themselves and got NBA accredited for three years from July'2019 to June'2022.

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

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
Admission of Students	The institute offers state-of-the-art facilities and opportunities to the students who aspire for engineering studies after schooling. To this effect, every year bright students from all over the country and state take admission to the institute. The institute has a dedicated Admission Team that conducts career counseling sessions for students of classes 10th to 12th to help them make the right career choice. Institute organizes hackathons and invites students from schools to participate and thus inculcate flair for innovation.
Library, ICT and Physical	SSIPMT has a well-equipped Central

Infrastructure / Instrumentation	Library that encourages both students and faculty to keep them abreast with the latest Technology and also to encourage R D. Library is having an adequate Text/reference books Journals/e-journals, Magazines, and Newspapers. All the students and faculty members are registered in National Digital Library (NDL) portal. Library Staff participated in various online sessions organized by NDL during the pandemic. The institute has a separate video lecture capturing studio where faculty can develop e-content for teaching-learning. The classrooms were already equipped with ICT facilities which helped faculty during pandemic for conducting online classes.
Examination and Evaluation	Centralized Examination Cell conducts internal and external examinations as per academic calendar. In 2019-2020, the internal assessments tests and university examinations were conducted through online mode. The performance of the students in internal examinations is evaluated through appearing in two class tests, assignments, debates, quizzes, presentations, projects, internships, trainings, laboratory works and viva voce. The End Semester Examination is conducted by CSVTU, and evaluation methods are followed as per the University norms. The progress of final year students' project work is assessed at various stages and final project viva voce is conducted by external examiners.
Curriculum Development	SSIPMT is affiliated with Chhattisgarh Swami Vivekananda Technical University, and is a non-autonomous college so has to strictly adhere to the Syllabus approved by CSVTU. However, faculty members are nominated as members on the Board of Studies in the university, who when required put forward their constructive suggestions to be incorporated for curriculum development. Apart from this, faculty and students enroll themselves in self-learning electives through MOOCs like NPTEL, Coursera, etc. In the current academic year the institute introduced various value added courses and certificate courses for students. Expert from industries take lectures to equip students with latest know how.

Teaching and Learning	In this academic session, due to the pandemic, the institute following the new normal has shifted from offline to online mode of teaching-learning. The internal tests and practical were conducted online and video lectures were prepared by faculties to impart the knowledge. The process is monitored regularly with the subject teachers and feedback from the students. Analysis of Class Tests results and other assessment tests is done periodically and corrective measures are taken for improvement. Besides, classroom interactions, the institute have organized expert lectures, webinars, etc. to upgrade the student and faculty knowledge.
Research and Development	The institute has Centers of Excellence to give impetus to R D. During the academic year, Innovative ideas were implemented by faculty and students like Sanitization tunnel, Touchless Sanitizer, face shield etc. During this academic year the number of papers publishing in SCI and Scopus indexed journals has increased. Collaborative research projects under TEQIP are granted to various faculty members. The faculty members are also preparing to file patent on their work. Paper publications by faculty are awarded incentives to promote research culture. The institute has MHRD's Institutions Innovation Council (IIC) and EDC which helps to promote innovation culture.
Human Resource Management	During the pandemic, when the whole world was going through an economic crisis, the institute retained its human resource by rendering wholehearted support to its faculty and staff. The institute has recruited an adequate number of faculty members, technical staff and support staff members as per the guidelines mandated by the apex bodies. The Registrar is the Administrative Head of the Institute. The administrative structure comprises 4 broad divisions: (i) Academic, (ii) Finance, Accounts and Audit, (iii) Personnel and Administration, and (iv) Infrastructure Development and Support. The recruitment is done as per the university and AICTE guidelines.

Industry Interaction / Collaboration	SSIPMT focuses on the overall development of students as per industry needs. The institute has inked an MOU with Intel Technology India Private Limited to conduct workshops on Intel Embedded systems under the Intel College Excellence Program. The institute has also signed MOU with Coursera for Campus for providing online learning experience to students and faculty of the institute, with SAARC MAST Technologies for Automation in Academic and Administrative functioning.

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

E-governace area	Details
Planning and Development	At the start of every session various portfolios are assigned to every faculty members. Its intimation is done through email and several WhatsApp groups are formed for better communication and quick disposal of work allotted. Academic Calendar is being prepared by every department with the schedule of various activities other than academics. Faculty prepares lesson plan before the start of the session and the same is uploaded in their ERP portal. Unit wise notes of the course are also uploaded in the ERP so that students can access the same.
Administration	• ERP is used for administrative purpose also like Biometric attendance monitoring for Employees. • Notices and circulars are uploaded in the ERP and communicated to different departments through e-mail from the office of the Principal. • CCTV surveillance is used to monitor for security purpose. • The whole college campus is Wi-Fi enabled
Finance and Accounts	The Account department uses Tally ERP 9 and Microsoft excel software for maintenance of yearly budget of the institute pertaining to all the developmental activities, payment of bills of expenses incurred by both external and internal agencies, and handling petty cash required for unspecified expenses. Students also pay their fees through online mode and their receipts are generated through ERP. Salary of faculty members and staff is transferred directly to the bank account.
Student Admission and Support	For admission the institute follows

	the guidelines laid down by the DTE, Chhattisgarh. Admission is granted on the basis of qualifying examination. The students attend the online counselling session as per the seats allotted to the institute. Post-admission details are filled by the student in the form provided to them by the institute. These details were filled manually into the database, but with development of ERP, It is gradually being transferred to online mode. Students are provided with email ID and password which they can use to communicate with their HOD, Class in charges.	
Examination	At the start of every session academic calendar is prepared with dates and time line for conducting class test I and II. The results of class test are displayed in the ERP. End semester Examination forms are filled online and their admit card is generated online in university portal. Marks of Class test, Teacher assessment and Practical of the students are filled online on the university portal in the stipulated time. Final exams are conducted by the university. The pandemic of Covid-19 has transformed the whole process of teaching-learning onto blended mode and this holds true for the examinations also.	

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
2019	Dr. Manoj Kumar Dewangan	National Conference on Recent Trend in applied and computational mathematics.(NIT Raipur)	Nill	1200
2020	Navdeep Khare, Hitesh Sahu, Sunil Dewangan, Ashish Trivedi	5 days Classroom Session on Train the Trainer, Automation Anywhere software Pvt.	Nill	25000

	Ltd. Prestige Trade Tower, 12th floor, High grounds, Sampangi Rama Nagar, Bengaluru, Karnataka 560001			

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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)
2019	Online training program for ICT tools for labs	Nill	08/04/2020	08/04/2020	3	10

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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
FDP on evolution from offline to online teaching	2	30/05/2020	03/06/2020	7
FDP on Moodle Learning Management System	3	23/06/2020	27/06/2020	7
e-workshop on Virtual Labs organized by SSIPMT,Raipur and IIT, Guwahati 16-May-20	45	16/05/2020	16/05/2020	1
Finite Element Methods	2	22/11/2019	24/11/2019	3
Foundation on Thermal and fluid Engineering	3	17/09/2019	21/09/2019	5

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):			
Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
112	112	54	54

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
ICICI GROUP HEALTH INSURANCE, Maternity and Paternity Leaves, Marriage Leaves and Gifts, EPF Scheme as Per Government Norms.	ESIC Scheme, PF Scheme, Marriage Leaves and Gifts, Maternity and Paternity Leaves.	Group Insurance form ICICI Lombard.

6.4 – Financial Management and Resource Mobilization

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

In every financial year the college conducts internal audit through the staff and external audit by the statutory Auditors. The process begins with the preparation of budget taking into consideration the recurring and non-recurring financial requirements of every department such as equipment, consumables required and maintenance of equipment for the next academic session. The budget proposed by the department is reviewed by the Management for approval. Internal audit is conducted and at the end of financial year statutory audit is conducted by appointed "Chartered Accountant" as per the Income Tax Act 1961.

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	Nil
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6.4.3 – Total corpus fund generated

40536652.00

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	Yes	Nill	Yes	Senior Faculty of Management
Administrative	Nill	Nill	Yes	Senior Faculty of Management

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

• Parent's feedback is taken during the academic session of each year which has developed a strong relationship between the parents and teachers. • Parent's teacher meeting is conducted every semester after class test – 1 to discuss on

the students progress and overall conduct of the student. • Parents of the new students are invited for interaction with the Principal and faculty on Orientation/Induction program for college. • On the occasions like annual fest and alumni meet Parents are also invited so that they can witness their ward's excellence in extracurricular activities also.

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

1. Training on Fire Fighting equipments for support staff 2. Computer Training Programme for support staff. 3. Health Insurance of support staff through Group Health Insurance Policy. 4. Support staff Insurance under Employee State Insurance Corporation (ESIC). 5. Encouraging Support Staff to attend Staff Development Program (SDP) under TEQIP-III.

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

1) Establishment of Drone Lab for Enhancing Multi Disciplinary Innovation Ecosystem. 2) Introduction of Certificate/Value added Courses. 3) Motivating Faculty to explore IPR related works like Patent, Copyrights etc. 4) Innovative Products development to fight CORONA virus during Covid -19 pandemic scenario 5) Guava Plantation in the campus 6) Establishing Vermi Composting Plant for Enhancing Eco Friendly Campus.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
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	Participation in NIRF Ranking	11/06/2020	11/06/2020	11/06/2020	140
2019	Participation in ARIIA Ranking	18/08/2019	18/08/2019	18/08/2019	145
2019	Establishment of IIC Council	30/08/2019	30/08/2019	30/08/2019	7
2020	International Conference Organized	10/01/2020	10/01/2020	10/01/2020	200
2020	MOU with Coursera for on line certification courses for faculties and students	15/04/2020	15/04/2020	15/04/2020	367
2019	State level Hackathon in	17/10/2019	17/10/2019	17/10/2019	200

| 2019 | Implementation of ERP modules in Institute | 16/09/2019 | 16/09/2019 | 16/09/2019 | 1712 |

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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
Womans Day Celebration	09/03/2020	09/03/2020	21	5

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
57.14

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Scribes for examination	Yes	Nill
Rest Rooms	Yes	Nill
Physical facilities	Yes	Nill
Provision for lift	Yes	Nill
Ramp/Rails	Yes	Nill

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	Nill	1	24/01/2020	1	Celebration of Balika Diwas	Awareness	45
2020	1	Nill	25/01/2020	1	MATDATA DIWAS Celebration at SSIPMT	Awareness	45
2020	Nill	1	13/02/2020	1	Blood Donation Camp at SSIPMT	Social Awareness	67

2020	1	Nill	26/02/2020	7	NSS Seven Day Camp at Palaud Village	Social Welfare	50
2019	Nill	1	14/09/2019	1	CLEANLINESS AWARENESS RALLY	Health and Hygiene	50
2019	Nill	1	20/09/2019	1	AWARENESS CAMPAIGN and NUKKAD NATAK at village Julum	Awareness	40
2019	Nill	1	01/09/2019	15	Swachhata Pakhwada	Health and hygiene	50
2019	Nill	1	20/09/2019	1	SADBHAVANA DIWAS	Harmony	45
2019	Nill	1	20/09/2019	1	AWARENESS CAMPAIGN and NUKKAD	Awareness	40

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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)
Handbook of Information on Policies / Rules/ Processes	18/03/2019	All the employees must abide by the general terms, conditions, and code of conduct of the institute as enumerated below: a. All teaching and non-teaching staff must refrain from subjecting any student to fear, trauma, anxiety, mental, emotional, physical harassment, and gender abuse. b. In addition to studies, teaching staff must inculcate and stimulate in the minds of students, sense of values such as social ethics, intellectual aptitude, and moral binding. etc. c. All teaching and non-teaching staff must be impartial to all

students, irrespective of
their caste, creed,
religion, gender,
economic status,
disability, language, and
place of birth.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Sadbhavna Diwas	20/09/2019	20/09/2019	45
Celebration of Constitution of India	26/11/2019	26/11/2019	30
induction Program (1st Year)	22/07/2019	14/08/2019	306
Republic day celebration	26/01/2020	26/01/2020	200
Independence day	15/08/2019	15/08/2019	250
YOGA Day	22/06/2020	22/06/2020	84
Teachers Day	05/09/2019	05/09/2019	80
Tree Plantation	27/07/2019	27/07/2019	10
Fit India Movement Launch	29/08/2019	29/08/2019	80

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

Rain Water Harvesting and Water Recharging A water harvesting system has been executed to overcome the water issues raised in campus in past years. The campus has a well-maintained water harvesting system comprising two percolation tanks of storing capacity of 28,260 liters each. Also, groundwater is being recharged by the rooftop rainwater harvesting structure through soak pits. Two recharging pits in the campus are also fulfilling the water demands for daily usage. This effort of the institute has effectively contributed to improving the groundwater table of the Village Mujgahan. The optimization of water uses and proper managing through water harvesting by the institute lead to maintain sustainability in the environment.

Public Transport The institute is well connected with Raipur City by the state highway road. The institute has its own bus facilities which are used by the majority of students, faculty, and staff members. Public transports i.e., bus, taxi, cab services, etc., are also available at the regular interval with pick and drop at the location. The campus has a well-paved tar/concrete road and footpath with tree lining on both the sides and bushes planted in the divider which gives the comfort and green atmosphere.

Use of Renewable Energy The institute has installed 2 solar panel plants on the rooftop of buildings which helps to reduce the carbon footprint as well as to generate a great deal of power. Adequate glass windows and ventilation in the institute campus provide the proper daylight and fresh air which results in the reduction of operation cost of the institute.

Vermicompost Pit The institute monitors the effective disposal and utilization of garbage and bio-waste. Australian earthworms are used to prepare the vermicompost from bio-waste for enriching the soil nutrients and structure. Regular maintenance of the vermicompost pit is carried out by skilled persons.

The college canteen waste food is also used to make organic manure for gardening.

Green Practices: SSIPMT promotes the concept of Green Practice in campus. The institute is located around 13 km from the center of the city having a peaceful and green atmosphere. Institute has a rose garden, fruit garden, medicinal garden, and one-acre plantation of guava fruit plants within the campus which makes the environment healthy and green. Several programs for the tree plantation inside and outside of campus are also conducted to maintain the greenery and to promote awareness amongst society. Separate dustbins are also maintained for reducing waste accumulation and the students are made aware of the waste reduction. Energy-efficient atmosphere and energy conservation is our topmost priority. The use of renewable energy resources, proper utilization, and minimal wastage of resources is our main working approach. Institute is making special efforts to get rid of or diminish plastic usage in the campus. The institute works towards creating a better, safe, and sustainable environment.

Use of E-resources and Electronic System: The institute is giving a special effort to minimize the use of paper in routine work. All the Offices and departments are using ERP and e-mails for notice, orders, brochures, etc., for rapid circulation. Faculties and students are also getting benefitted from the availability of e-book and e-journals from the institute. The institute is providing an electronic system embedded with ERP software and a non-contact bio-metric machine to record the daily attendance of the employee. ERP software system also provides the comprehensive information regarding student data (attendance, marks, notes, etc.,) and employee data through online mode.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title: Student Mentoring Practice Objective: • The Student Mentoring Practice followed in the institute aims to provide timely guidance and mentoring to its students. This practice has been introduced to establish a better and effective mentor-mentee relationship. It helps to fill the gap between mentor-mentee relationships, builds trust, worthiness and guides the mentees in academic, personal as well as in career enrichment. The mentors keep motivating the students to participate and excel in the curricular and extra-curricular activities, by ensuring that their psycho-social challenges are taken care of. This is ensured by holding counselling sessions and motivational programs in regular intervals with students facing such challenges, which affects their performance in the institute. • The Student Mentoring System helps to: ? Promote academic success and build student confidence ? Build transferable knowledge and discipline-based skills ? Enlighten students about careers fields/disciplinary areas ? Offer students an arena to receive advice and counsel about college, such as positive aspects, how to succeed, potential pitfalls, and misconceptions. ? Encourage students to pursue their studies and Co-curricular activities in an effective and meaningful way ? Helps the students to discuss and take advice on personal issues ? Promote innovation and research culture among the students. Mentoring Process: • Through the Student Mentoring Practice mentors are in regular contact with their mentees. Every mentor effectively interacts with their assigned mentees regarding their performance in academics, personal concerns, ambition and career development. A mentee can approach their mentor for personal counseling in case of any difficulties. As per the need of a mentee, the mentor counsels and motivates the mentee to resolve their issues and move ahead with his normal routine. • The students who find it difficult to learn and perform well, due to lack of self-motivation and poor grasping power in regular learning methods are encouraged by the mentors to increase mentees' self-confidence, learning, and listening abilities. • Besides, the system enables to identify the latent

talents of the students in various aspects of academics, co-curricular and extracurricular so that they can be encouraged to participate in various activities for their holistic development. • The teacher mentor does monitoring of attendance and performance of each mentee at regular intervals and identifies irregular and academically weak students. • The Mentors maintain the Student Progress Report of each mentee from first year onwards in a prescribed format under the following heads ? Personal Information ? Parent details ? Academic Performance ? Attendance ? Overall Personality ? Technical activity and Verification. The mentors meet the students periodically/as and when needed and monitor their performance and activities. • Mentor –Mentees Ratio: The batch size is not more than 15 students. The mentors help to solve problems of the students in academics, career advancement, campus/hostel, personal issues, etc. • In the academic session 2019-2020 due to Covid – 19, the physical mentoring practice shifted to an online mode for monitoring mentee's progress both in academics and unusual living conditions. Students are encouraged to participate in various online webinars, workshops, Hackathons, and other skill development programs, as well as preparation of online examinations for their academic credentials. Suggested Mentoring Practices There is no single formula for good mentoring. There are varied ways to make the mentor-mentee relationship meaningful and beneficial. The following practices are suggested for the mentors to initiate in order to maintain an effective mentoring relationship. • Welcome students into your classroom/lab/worksite. • Recognize positive effort tell the student when he/she is doing well. • Work with the student to set and achieve specific goals • Encourage your student to be accountable. • Praise the student for success. • Help your students build networks and identify meaningful contacts. • Challenge students to develop critical thinking skills, self-discipline, and good study habits. • Be sensitive to different cultural backgrounds. Examine yourself for cultural biases or stereotypical thinking. The strong Mentor-Mentee relationship at the institute has resulted in enhancing the participation and academic excellence of students. 2. Title of the Practice: SSIPMT SPELLBINDERS TOASTMASTERS CLUB Toastmasters International Club is a worldwide non-profit educational organization that empowers people to become more effective communicators and leaders. SSIPMT Spellbinders Toastmasters Club was chartered by the institute in 2018 to develop in its students the most effective, dynamic, high value, experiential communication and leadership skills making them ready to face the global world. The objective of the Practice: ? Improve public speaking skills ? Build leadership skills ? Practice writing speeches and presenting in a group setting ? Gain a competitive advantage in the workplace ? Work on networking in a small and supportive environment ? Build self-confidence and self-awareness ? Unlimited personal growth ? Maximize your potential The members of the SSIPMT Spellbinders Toastmasters club have chosen different pathways as per their requirements to achieve new heights in their personal and professional life. Pathways show the members of the club right and a very well-structured path to bring the best out of them. As the club is filled with young engineers having creative and brilliant minds, pathways also motivate them to work off their limits so they can share what their young and innovative minds have by writing a blog or even going for podcasting as it not only makes them an excellent speaker but also a very good writer. There are 11 Paths in toastmaster education pathways. Each path has 5 levels where each level comprises different projects. These projects help the person to learn new techniques and methods of effective communication. Activities and Achievements: Following are the various activities of Toastmaster Club: • SSIPMT Spellbinders Club organized MOC (Master Orator Championship) Season 3 on 5th August 2018 at Shri Shankaracharya Institute of Professional Management and Technology. Master Orator Championship is a hunt for the best orator in the college circuit of the two states of Telangana, Andhra Pradesh, Nagpur, and Raipur. The students are sieved through multiple rounds of selection starting from qualifiers to the finale where 10

contestants from across colleges deliver 5 to 7-minute speeches that are mentored and evaluated by a panel of experienced Toastmasters. Millions of students churned out from colleges every year are not entirely equipped to face the global competition prevailing today in terms of communicative competence. To cater to this need, Master Orator Championship attempts to cultivate and nurture their thirst to excel in oratory skills. MOC is open to all students with a valid college ID and an enrolment number between the age groups of 18 to 24 years. SSIPMT Spellbinders Club organized MOC- Season 3 on 5th August 2018 at Shri Shankaracharya Institute of Professional Management and Technology. More than 50 students participated in the championship from different colleges viz, Hidayatullah National Law University, Raipur, National Institute of Technology Raipur, Government Engineering College, and many more. As MOC is conducted for non-toastmasters members three of the students secured winning positions out of which two students were from SSIPMT (Nidhees Raj Goyal and Tirna Mitra). The judges were the senior toastmasters TM Divesh (area director EFGH) TM Shivangi (division director of division H). • SSIPMT Spellbinders members have participated in various Speech contests like HSC (Humorous Speech Contest), ESC (Evaluation Speech Contest), International Speech Competition (ISC), and Table topic speech Contest (TSC). • In the time of Pandemic also the club members were active through online mode and participated in various contests that brought Loral to SSIPMT Spellbinders. • Some SSIPMT Spellbinders members were allowed to visit VIRTUSA HYDERABAD (an information technology consulting and outsourcing firm) and were allowed to visit and observe the area-level competition. LOCATION LEAD AWARD FOR ORGANIZING MOC SEASON 4 SSIPMT SPELLBINDERS is a herd of energetic students who want to be better in every field. They have shown their enthusiasm by hosting two seasons of MOC consequently (MOC season 3 and season 4). MOC season 4 has calibrated more than 100 participants from different colleges like IIIT Naya Raipur, IIT Bhilai, Nit Raipur, HNLU, etc. One of the driving forces that made MOC a huge success is Dr. Seema Arora. She was awarded Location lead for being the founding member and her undeniable efforts to make MOC successful. Following are the various achievements of Members of SSIPMT Spellbinders Club: • Kuldeep Singh Thakur and Aakarsh Shrivastava secured 1stposition in HSC and ESC respectively held at Rungta Bhilai. • In HSC (Humorous Speech Contest) and ESC (Evaluation Speech Contest) held In online platform.TM Chetna Arya won in HSC and TM Rhea Jain won in ESC in club contest. • TM Rhea Jain brought laurel to SSIPMT Spellbinders by securing the Second position in Division Level. • TM Kuldeep took part in HSC Area level contest and won the second prize. • ChetnaArya and Kuldeep Singh Thakur secured 1stposition in HSC and ESC respectively at IIM Raipur. • TM Aakarsh secured the first position in both ISC AND TSC held at SSIPMT Raipur. • TM Kuldeep Singh Thakur (2nd rand in ISC) and Shubhi Srivastav (3rd rank in TSC) participated in Area level contest in Hyderabad.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
www.ssipmt.com/toastmaster.php

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

Shri Shankaracharya Institute of Professional Management Technology strives to inculcate in its students the spirit of service along with professional/ technical skills for their overall development. Following attributes are instilled in the students over their tenure of studies in the institute: Ethics and Virtues The virtues of trust, respect, individual self-determination, and obedience encourage social and economic exchange as well as production and entrepreneurship. We keep guiding our students to be ethical in their academic

work as well as future careers. Community Outreach Through the Community Outreach programs in the form of NSS, UBA, SBA we teach our students how to give back to society. We make students volunteer their services in the local vicinity to create awareness about health, hygiene, literacy, water conservation, etc. Nation Building Students are taught that they need not become a soldier to contribute to the country. A taxpaying, rule-abiding citizen contributes equally to nation-building. Thus, if the students are serious and sincere towards their careers, they can surely contribute their share towards paving the nation on the path of progress and development. Eco-friendliness The students are given a vivid understanding of current environmental/ contemporary issues and through its various efforts such as energy conservation, solid waste management, rainwater harvesting urges them to become eco-friendly citizens. Gender Equality The institute makes relentless efforts towards empowering the girl students, in particular, for making them contribute equally towards national development. Entrepreneurship The institute strongly believes that entrepreneurs help drive change with innovation where new and improved products/ services enable new markets to be developed. Through the EDC in the institute, we foster the same spirit in our students. Continuous Self Development We inculcate in our students the urge for continuous self-development so as to achieve the right mix of personal and professional goals throughout their active work life. Wise Use of Resources Restoring and maintaining the health of renewable and non-renewable resources are the key elements of sustainable development. We make our students realize the imperativeness of the 3 R's- Reduce, Reuse and Recycle. Leadership and Team Spirit The institute believes it is not enough for a student to decide that he/ she want to be a leader. The institute teaches them that leadership skills are not inherited, they have to be developed consciously over time, by working in teams and groups. A student should understand the importance of fundamental aspects such as Communication skills, Decision-making skills, Organizing skills, Action planning, Strategic thinking, Risk management, etc. Secular Ethics This is another thrust area of the institute. We imbue in our students a secular attitude wherein multi-racial and multi-religion compatibility is taught and developed in the students. Sense of Ownership and Belongingness The institute creates an environment for students to feel that they are valued members of the SSIPMT fraternity. This feeling of oneness helps students perform better academically and are more motivated to learn. Similarly, we make them feel connected with their native land so as to contribute to the local economy.

Provide the weblink of the institution
https://www.ssipmt.com

8.Future Plans of Actions for Next Academic Year

SSIPMT Raipur has always been able to establish thought leadership in delivering quality education to the students and making them industry-ready. The outbreak of the COVID 19 pandemic in the Year 2019-2020 saw the conventional education imparting methodology going for a toss overnight. SSIPMT Raipurs faculty members and students rose to the challenge and adapted themselves to the online teaching-learning methods in quick time. So much so that apart from the theory classes, practicals were also conducted with flair online. The excellent results of end semesters examination validate the efforts of all. While the pandemic seems to be persisting, SSIPMT, Raipur too has geared itself up to continue to excel on path of excellence and delivering quality education and training to its students. For the academic year 2020-2021, the goals set are- 1) Alignment with Industry – To bridge the industry-academia gap, the institute will focus more on strengthening and augmenting industry-institute relations. The main focus will be on imparting industry-recommended training to the students. The institute plans to expose the students of CSE and IT branches with hands-on training on the latest technologies

like AI and ML. Mechanical and Electronics department students will be provided with the know-how of drones and robotics. 2) Making students industry-ready - The institute plans to uplift the skill set of its students to further enhance placements in quantity as well as quality. Students of circuit branches will be exposed to training on competitive coding, while students of Civil and Mechanical Engineering branches will be exposed to training on software such as Primavera, PTC Onshape, Staad Pro, etc. 3) Creating a Multi-disciplinary ecosystem - More recently, the institute along with its committed faculty members and career-minded students created several innovative products. Going forward, the institute plans and commits itself to strengthen this ecosystem by creating a well-chalked-out IPR policy and rewards system to provide the necessary impetus to this activity. 4) Ramping up quality publications — Research is a prominent focal point of the institute. For the year 2020-2021, the institute plans to increase the publication in journals of repute (SCI /Scopus). To this objective, a plan will be developed to increase the number of patents from faculty members and students. 5) Meaningful accreditations - The institute currently has two programs (Mechanical Engineering and CSE) NBA accredited. To achieve the highest level of quality in teaching the institute plans to bring in of its programs into the NBA net. 6) Better rankings and recognitions - Next academic year the institute has set the goal of achieving a higher ranking in Atal Ranking of Institutions on Innovation Achievements (ARIIA) and National Institute Ranking Framework (NIRF). 7) Collaborative Projects and Consultancy services — Presently, consultancy tasks and collaborative RD projects from industry and other organizations are a concern area for the institute. The institute has set for itself the goal of applying for projects under DST/ CG COST and other funding agencies. This will provide the necessary fillip and bolster the entire research and innovation ecosystem.