



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	SURYODAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR
Name of the head of the Institution	Dr. Vithal G. Arajpure
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	918888823166
Mobile no.	9423612120
Registered Email	scetngp@gmail.com
Alternate Email	scet4613@gmail.com
Address	117/1 & 117/3, Virgaon, Umrer Road, Nagpur 441204
City/Town	Nagpur
State/UT	Maharashtra
Pincode	441204

2. Institutional Status																			
Affiliated / Constituent			Affiliated																
Type of Institution			Co-education																
Location			Urban																
Financial Status			Self financed																
Name of the IQAC co-ordinator/Director			Prof. Ram Rameshwar Wayzode																
Phone no/Alternate Phone no.			918087084544																
Mobile no.			8087084544																
Registered Email			scetngp@gmail.com																
Alternate Email			scet4613@gmail.com																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			https://scetngp.com/naac_agar/																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			https://scetngp.com/naac-academic-calendar/#																
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.08</td> <td>2017</td> <td>27-Nov-2017</td> <td>26-Nov-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.08	2017	27-Nov-2017	26-Nov-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.08	2017	27-Nov-2017	26-Nov-2022														
6. Date of Establishment of IQAC			21-Apr-2016																
7. Internal Quality Assurance System																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>Student mentoring program</td> <td>01-Aug-2019 365</td> <td>732</td> </tr> </tbody> </table>						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	Student mentoring program	01-Aug-2019 365	732					
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries																	
Student mentoring program	01-Aug-2019 365	732																	

Regular meeting of Internal Quality Assurance Cell (IQAC)	18-Oct-2019 1	17
Regular meeting of Internal Quality Assurance Cell (IQAC)	22-Aug-2020 1	17
Feedback from all stakeholders collected, analysed and used for improvements	08-Apr-2020 6	732
AQAR 2018-19 timely submission to NAAC	23-Mar-2020 365	82
NPTEL online course on Outcome based pedagogic principles for effective teaching	24-Feb-2020 30	24
FDP on Research Methodology	13-Dec-2019 3	85
Webinar on NIRF Ranking System	19-Nov-2019 1	82
International Conference on New Trends in Engineering Science, Management and Technology (Tech Trends-2019)	28-May-2020 2	750
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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
SURYODAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR	STTP UNDER AQIS 2019-20 (Current and future trends of advances in material science and technology)	AICTE	2019 21	287667
SURYODAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR	STTP UNDER AQIS 2019-20 (Application of IOT and smart manufacturing in engineering)	AICTE	2019 21	318333
SURYODAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR	"Building awareness on intellectual property rights for MSMEs" under CLCS-TUS	AICTE	2019 21	25000

	for organizing webinars on IPR for MSMEs			
SURYODAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR	Skill and personality development programme centre for SC/ST students	AICTE	2019 1095	614195
SURYODAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR	Acknowledgement for sanction of proposal under the scheme "PRERNA"	AICTE	2019 730	534667
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
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)
<p>1. Periodical meetings with staff members are initiated to formulate the plan of action. The implementation of action plans are reviewed in the subsequent meetings. 2. International Conference on "Tech Trends2019" organized in the Institute. 3. Encourage faculty for Industry Institute interaction for applying industrial projects, consultancy, Research Fellowships. 4. Internal Academic Administrative Audit conducted in the year 2019. 5. Introductory talk to students on the need and utility of a mentoring program. 6. Institute organized NPTEL online course on Outcome based pedagogic principles for effective teaching for all the teaching faculties. 7. Respective academic departments conducted faculty development programmes for its faculty members. 8. IQAC organized a webinar on NIRF Ranking System</p>

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
STTPs, FDPs, NPTEL Courses for faculty development	Various Faculty development programmes, training programmes etc. were organized by the academic departments during the year. Faculties have also attended STTPs, FDPs outside the Institution. This has enhanced the faculty's skill sets and has introduced them to the modern happenings of their respective field.
Student feedback and analysis to be made online	Student feedback has been collected online and the same has been uploaded on website
Encouraging teachers to develop on line learning platforms, e content development	Teachers have developed e content. The lockdown from March 16th 2020 resulted in teachers communicating with students through Webex, google class room, zoom app
Strengthening of IQAC	Session with Dr. V. G. Aragpure on NAAC Revised Methodology on 20th November 2019.
Conduction of various workshops, seminars, webinars etc., activity for students development.	Various workshops, seminars, webinars etc. were conducted for the betterment and overall development of the students.
Conduction of Campus recruitment training programmes	Such training programmes helped students enhance their soft-skills and has improved their employability quotient.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	07-Dec-2020

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	17-Feb-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The operational modules currently in MIS are as follows: 1. Student Module This module is used to maintain various student details, their updation, admission related information. 2. Employee Module This module is used to maintain various employee details, their updation. 3. Registration Module Newly admitted student details are added online through this module, at the time of admission. 4. Accounts Module Accounts related information such as income incurred, expenses occurred, maintenance of balance sheet, payments done through cash, cheques, and vouchers etc. are done through this module. 5. Fees Module Student's regular fees, outstanding fees, fees incurred from scholarship, concession provided etc. are done through this module.</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Delivery of curriculum is on the basis of program set by the University relating to examinations. Planning the delivery is done by the institution in a structured manner to complete it in time.

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
SOLAR Charger making (EE)	NA	15/01/2020	3	YES	YES
Hands on Auto CAD (CIVIL)	NA	06/12/2019	4	YES	YES
Workshop on "Technical Skill Improvement" (COMP)	NA	08/02/2020	3	YES	YES

Workshop on Knowledge, Aptitude Personality Enhancement (COMP)	NA	02/06/2020	15	YES	YES
E- Internship on IIoT (COMP)	NA	25/06/2020	30	YES	YES
Introduction to numerical computation software scilab(ETC)	NA	13/07/2020	2	YES	YES
Application of 3D modelling (ME)	NA	15/01/2020	3	YES	YES
Nex Gen Technologies - Webinar Series by Industry experts on Industry 4.0 (TP)	NA	29/05/2020	3	YES	YES

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NA	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	Electrical Engineering (Elective Course)	22/07/2019
BE	Computer Engineering (Elective Course)	22/07/2019
BE	Electronics & Telecommunication Engineering (Elective Course)	22/07/2019
BE	Mechanical Engineering (Elective Course)	22/07/2019
BE	Civil Engineering	22/07/2019

(Elective Course)

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

	Certificate	Diploma Course
Number of Students	1780	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
CREO PYRAMATRIC (ME)	12/07/2019	43
3day workshop, "Connect with Work" (TP)	13/02/2020	312
3day workshop, "Connect with Work" – Enhancing Life skill, program supported by Barclays and conducted by Rubicon Specialist Institutional Business, Pune (EE)	13/02/2020	64
Seminar on Entrepreneurship as a Career option by Mr. Deepak Deshpande, Consultant, ACE Business Solutions, Nagpur(EE)	18/01/2020	64
Certificate Course on line Tender Filling(CIVIL)	11/07/2019	41
3 days workshop on "Technical Skill Improvement"(COMP)	08/02/2020	50
E-workshop on knowledge ,Apptitude and Personality Enhancement (COMP)	02/06/2020	50
E-Internship on IIoT (COMP)	25/06/2020	41
Aptitude Test (Logic, math, Reasoning, Data Analysis, GK and verbal) (ETC)	08/07/2019	19
Industry 4.0 (IIOT Manufacturing using IIOT) (TP)	08/06/2020	250
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Electrical Engineering (Elective Course)	7

BE	Computer Engineering (Elective Course)	46
BE	Electronics & Telecommunication Engineering (Elective Course)	12
BE	Mechanical Engineering (Elective Course)	56
BE	Civil Engineering (Elective Course)	34
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Institute conducts feedback by the student every semester, after the end semester examination. The student's gives feedback for all the theory and practical courses taught to them in the semester. The general assessment points of the feedback based on question based syllabus, adequacy of syllabus, assessment of answer books, Satisfaction about teaching methodology, Teachers approach ability towards students, Teachers ability to teach subject and control the class, Syllabus coverage organization of lectures use of modern tools of Pedagogy etc. on a grade of 5 scale with number 5 meaning excellent and zero meaning poor performance. The results are circulated among the teachers. Feedback of parents and teachers analysis is consider as input for improvement in Teaching Learning and central facilities. The Employer and Alumni feedback are helpful in improvement for training and placement.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	MECHANICAL ENGINEERING (FY)	120	16	16
BE	COMPUTER ENGINEERING (FY)	60	42	42
BE	ELECTRICAL ENGINEERING (FY)	60	5	5

BE	CIVIL ENGINEERING (FY)	60	19	19
BE	ELECTRONICS & T ELECOMMUNICATIO N ENGINEERING (FY)	30	1	1
BE	MECHANICAL ENGINEERING (DSY)	84	50	50
BE	COMPUTER ENGINEERING (DSY)	18	14	14
BE	ELECTRICAL ENGINEERING (DSY)	40	32	32
BE	CIVIL ENGINEERING (DSY)	32	31	31
BE	ELECTRONICS & T ELECOMMUNICATIO N ENGINEERING (DSY)	29	18	18
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	732	Nil	82	Nil	82

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e- Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
82	82	7	6	3	5
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)

Yes. There is a mentor for a group of 20-25 students which is allotted by the First Year Student will have mentors from the department of science and second, third and fourth year student will have mentors from the respective engineering department. Principal. Mentors meet their mentees on a weekly basis which is incorporated in their

academic time table. During this meeting the mentors interact with their mentees to discuss their needs or support required. A Data is maintained by each mentor with the details of the mentee, including a passport-size photograph and also incorporates details of all interactions and functions carried out in the same. Further, a quarterly meeting also takes place of all the mentors with the Vice-Principal and the Principal of the institution to update them on the student progress and to discuss issues, if any. The parents are requested to contact the mentor to know the academic progress and attendances of the ward and guidance related to setting goals for their ward.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
732	82	1:9

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
80	82	Nil	Nil	3

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
2020	Prof. Prasanna Titarmare	Assistant Professor	Trust worthy Award by NRDRS, Nagpur
2020	Dr. Vivek Parhate	Vice Principal	Trust worthy Award by NRDRS, Nagpur
2020	Prof. Ram Wayzode	Assistant Professor	Trust worthy Award by NRDRS, Nagpur
2020	Prof. Vijay Nagpurkar	Assistant Professor	Trust worthy Award by NRDRS, Nagpur
2020	Prof. Amit Bankar	Assistant Professor	Trust worthy Award by NRDRS, Nagpur
2020	Prof. Amol Musale	Assistant Professor	Trust worthy Award by NRDRS, Nagpur
2020	Prof. Astashil Bhambulkar	Assistant Professor	Trust worthy Award by NRDRS, Nagpur
2020	Prof. Shailesh Birthariya	Assistant Professor	Trust worthy Award by NRDRS, Nagpur
2020	Prof. Vivekanand Thakre	Assistant Professor	Trust worthy Award by NRDRS, Nagpur

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	461361210, 461319110, 461329310, 461324510, 461337210	VIII	21/10/2020	12/11/2021
BE	461361210, 461319110, 461329310, 461324510, 461337210	VI	31/07/2020	09/09/2020
BE	461361210, 461319110, 461329310, 461324510, 461337210	IV	31/07/2020	08/09/2020
BE	461361210, 461319110, 461329310, 461324510, 461337210	II	31/07/2020	05/09/2020
BE	461361210, 461319110, 461329310, 461324510, 461337210	VII	27/11/2019	31/12/2019
BE	461361210, 461319110, 461329310, 461324510, 461337210	V	26/11/2019	31/12/2019
BE	461361210, 461319110, 461329310, 461324510, 461337210	III	27/11/2019	21/12/2019
BE	461361210, 461319110, 461329310, 461324510, 461337210	I	13/12/2019	10/01/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Evaluation is as per time-table and norms set by the University

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

words)

An academic calendar is prepared by the Incharge at the beginning of odd and even semester. This includes the academic activities at the college level. The draft calendar is discussed in HOD's meeting and all the suggestions which are approved in the meeting is incorporated before releasing the calendar to all departments by the principal. All the internal assessment tests are conducted centrally as per the academic calendar. All other activities Cultural day, Technical Events etc. are conducted as per the plan. In case of any emergency a particular event may be rescheduled with the permission of the head of the institution.

2.6 – Student Performance and Learning Outcomes

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

<http://scetngp.com/mechanical-department/>

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
461361210	BE	MECHANICAL ENGINEERING	59	59	100
461337210	BE	ELECTRONICS & TELECOMMUNICATION ENGINEERING	14	14	100
461329310	BE	ELECTRICAL ENGINEERING	28	28	100
461324510	BE	COMPUTER ENGINEERING	36	36	100
461319110	BE	CIVIL ENGINEERING	64	64	100
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2.7 – Student Satisfaction Survey

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

<https://scetngp.com/naac-students-satisfaction-survey-sss/#>

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
Students Research Projects (Other than compulsory by the	180	NRDRS, Nagpur	0.1	0.1

University)				
Students Research Projects (Other than compulsory by the University)	365	NRDRS, Nagpur	0.03	0.03
Students Research Projects (Other than compulsory by the University)	210	NRDRS, Nagpur	0.08	0.08
Students Research Projects (Other than compulsory by the University)	240	NRDRS, Nagpur	0.03	0.03
Interdisciplinary Projects	180	Crescent Web Technology, Nagpur	0.03	0.03
Industry sponsored Projects	180	Crescent Web Technology, Nagpur	0.03	0.03
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Learn the science of Flying Building Drones by Techfest IIT Bombay	COMPUTER ENGINEERING	14/09/2019
One day workshop on Ethical Hacking by Jetking	COMPUTER ENGINEERING	28/02/2020
Workshop on "Awareness on Intellectual Property Rights Workshop " by By Mr. Piyush Lende, Assistant Controller of Patents Designs	ELECTRICAL ENGINEERING	27/08/2019
Entrepreneurial Skill I5 Concept by Prof. (Dr.) Chandrahas C. Handa, Member, National Executive Council, ISTE, New Delhi, Professor Head, Mechanical Engineering, KDKCE, Nagpur	ELECTRONICS TELECOMMUNICATION ENGINEERING	07/02/2020

Webinar on Career Opportunities in IOT with Digital Business Head of ARINATH Group, Mr Dharmendra Kumar on Saturday, 11th July at 11am.	ELECTRONICS TELECOMMUNICATION ENGINEERING	07/11/2019
Webinar on Step by Step designing power supply for various applications using power integration by Mr. Himmat Parmar, Application Manager, Power Integration	ELECTRONICS TELECOMMUNICATION ENGINEERING	29/05/2020
Webinar on Career in Semiconductor, Global Evolution in Semiconductor Applications by Shri. Deepak Sharma , Director, ICTI Technologies Pvt. Ltd. Shri. Satish Chauhan , Director, Power Switch Solutions.	ELECTRONICS TELECOMMUNICATION ENGINEERING	29/05/2020
Webinar on Application of Embedded Electronics in Automotive Vehicles by Mr. Uday Wasule , Sr. Tech. Adviser, Millenium semiconductor	ELECTRONICS TELECOMMUNICATION ENGINEERING	01/06/2020
Guest Lecture on Entrepreneur as a career option	MECHANICAL ENGINEERING	08/01/2020
Guest Lecture on Fuel and fuel transportation for powerhouse	MECHANICAL ENGINEERING	14/08/2019
Guest Lecture on Recent trends in CAD/CAM	MECHANICAL ENGINEERING	30/07/2019
Two days Workshop on Auto CAD	MECHANICAL ENGINEERING	17/01/2020
3day workshop, "Connect with Work"	TRAINING AND PLACEMENT DEPARTMENT	13/02/2020
Workshop on "Awareness on Intellectual Property Rights	TRAINING AND PLACEMENT DEPARTMENT	27/08/2019
Regular program on Employment Enhancement Skill Development for 2nd, 3rd and final year students 2nd year: English Grammar Communication skills 3rd year: Aptitude	TRAINING AND PLACEMENT DEPARTMENT	01/09/2019

Development 4th year: GD Interview Skills		
Guest Lecture on Future Cloud Technology SALESFORCE.	TRAINING AND PLACEMENT DEPARTMENT	29/12/2019
Seminar on Entrepreneurship as a Career option	TRAINING AND PLACEMENT DEPARTMENT	08/01/2020
Seminar on Resume Building and GD/PI	TRAINING AND PLACEMENT DEPARTMENT	08/01/2020
Seminar on SAP and Data Science	TRAINING AND PLACEMENT DEPARTMENT	09/01/2020
One day Workshop on Aptitude Development	TRAINING AND PLACEMENT DEPARTMENT	29/01/2020
Seminar on Career Counselling on Competitive Exams	TRAINING AND PLACEMENT DEPARTMENT	12/02/2020
Career in Merchant Navy	TRAINING AND PLACEMENT DEPARTMENT	27/04/2020
Vital Skill for Employability	TRAINING AND PLACEMENT DEPARTMENT	09/05/2020
Nex Gen Technologies - Webinar Series by Industry experts on Industry 4.0 Topic: Step by step designing of power supply for various applications using power integration semiconductors Topic: Career in semiconductor, Global evolution in semiconducto	TRAINING AND PLACEMENT DEPARTMENT	29/05/2020
Nex Gen Technologies - Webinar Series by Industry experts on Industry 4.0 Topic: BLDC Motor Drive Applications, Topic:- Nex Gen IoT Applications, Topic: Technical Design Techniques of Automotive sensors, ECU Electronics Fuel Injections	TRAINING AND PLACEMENT DEPARTMENT	30/05/2020
Nex Gen Technologies - Webinar Series by Industry experts on Industry 4.0 Topic: Application of embedded electronics in automotive vehicles Topic: LED Lighting Technology solution by semiconic	TRAINING AND PLACEMENT DEPARTMENT	01/06/2020

devices		
Workshop Industry 4.0 (IIOT Manufacturing using IIOT)	TRAINING AND PLACEMENT DEPARTMENT	08/06/2020
Internship for students of RTMNU on 1. Design Automation 2. Smart Water Management	TRAINING AND PLACEMENT DEPARTMENT	25/06/2020

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Automatic Hand Wash Machine by ETC Dept. students at Public Place	1. Sayyam Bhusari 2. Prajwal Kawale 3. Vinay Mahule	Appreciation By NMC, Nagpur Mayor	14/08/2019	Innovation
Circuit Making Competition	1.Mr. Amit Bhoyar 2. Ganesh Deulkar	Conducted by Government College Of Engineering, Nagpur	01/02/2020	Educational
PhD Awarded, Design and Development of Multioperationa l Physiotherapy Treatment Table for Optimal Per formance.(ME)	Dr.Vivek G.Parhate	Rashttrasant Tukdoji Maharaj University, Nagpur	30/12/2020	PhD
Rubber dam: an innovative economical alternative to K.T weirs.(Civil)	Best Project Paper	SCET, Nagpur	28/02/2020	Project
Sahyadri Shikshan Ratna Puraskar-19	Shri. Deepakji Chafle	Sahyadri Udyog Samuha, Ahmednagar	05/11/2019	Educational
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	NA	NA	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
4	2	0

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

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	1
Basic Science Humanities	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ELECTRICAL ENGINEERING	11	5.87
International	CIVIL ENGINEERING	27	5.87
International	COMPUTER ENGINEERING	27	3.4
International	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	8	5.87
International	MECHANICAL ENGINEERING	13	5.87
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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
MECHANICAL ENGINEERING	1
ELECTRONICS AND TELECOMMUNICATION ENGINEERING	1
COMPUTER ENGINEERING	14
CIVIL ENGINEERING	1
ELECTRICAL ENGINEERING	11
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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
Ear Based Biometric Identification Detection	Prof.Vivekanand P. Thakare	(Journal of Emerging Technologies and Innovative research (JETIR)),	2020	0	Suryodaya College of Engineering Technology, Nagpur	Nil
Analyzing Drivers Behavior For Rash Driving Ov	Prof.Vivekanand P. Thakare	(Journal of Emerging Technologies and Innovative	2020	0	Suryodaya College of Engineering Technology, Nagpur	Nil

erspeeding Using Smart phone: A Survey		research (JETIR)),				
Review On Programming Structuring Used For Open Source Development In The Game Engine	Prof. Pradip O. Balbudhe	(International Journal of Management , Technology And Engineering,	2020	0	Suryodaya College of Engineering Technology, Nagpur	Nill
Live Bus Tracking System With Exact Location	Prof. Pradip O. Balbudhe	international Journal of Research in Computer Information Technology (IJRCIT),	2020	0	Suryodaya College of Engineering Technology, Nagpur	Nill
"Design Implementation Of Real-Time Crop Management System By Using Arduino Iot"	Prof. Pravin O. Balbudhe	International Journal of Research in Computer Information Technology (IJRCIT),	2020	0	Suryodaya College of Engineering Technology, Nagpur	Nill
Design Implementation Of Real-Time Crop Management System By Using Arduino Iot	Prof. Pravin O. Balbudhe	Journal of Emerging Technologies and Innovative Research (JETIR)	2020	0	Suryodaya College of Engineering Technology, Nagpur	Nill
Design Implementation Of Interactive Projector Screen Handling With Hand Gestures	Ms. Ruchira Selote	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER AND COMMUNICATION ENGINEERING (IJARCCE)	2019	0	Suryodaya College of Engineering Technology, Nagpur	Nill

Access Android Remotely With A Sms	Mr. Ansar Isak Sheikh	Journal of Emerging Technologies and Innovative Research (JETIR)	2020	0	Suryodaya College of Engineering Technology, Nagpur	Nill
Remote Android Access Via SMS	Mr. Ansar Isak Sheikh	ICONIC RESEARCH AND ENGINEERING JOURNALS (IRE Journals)	2020	0	Suryodaya College of Engineering Technology, Nagpur	Nill
Cluster-Based Tracking And Discovery Of Target In Wireless Sensor Network	Ms. Mohini Gawande	Journal of Emerging Technologies and Innovative Research (JETIR)	2020	0	Suryodaya College of Engineering Technology, Nagpur	Nill

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Municipal solid waste collection routes optimized with arc GIS network analyst	Ashtashil Bhambulkar	(IJAEST) INTERNATIONAL JOURNAL OF ADVANCED ENGINEERING SCIENCES AND TECHNOLOGIES Vol No. 11, Issue No. 1, 202 - 207	2019	Nill	Nill	Suryodaya college of Engineering Technology, Nagpur
"Design and Development of Wheel chair with Mechanics of Stair Climbing for Physical Disabled Persons"	Dr.Vivek G.Parhate	IJMTE (International Journal of Management Technology and Engineering)	2020	Nill	Nill	Suryodaya college of Engineering Technology, Nagpur

"A Critical Review on Stair Climbing Wheel Chair"	Dr.Vivek G.Parhate	IJMTE (International Journal of Management Technology and Engineering)	2020	Nill	Nill	Suryodaya college of Engineering Technology, Nagpur
"Review on Performances and Evaluation of Coconut Vending Machine"	Prof. Ram R. Wayzode	JETIR (Journal of Emerging Technologies and Innovative Research)	2020	Nill	Nill	Suryodaya college of Engineering Technology, Nagpur
"A Review on Design and Modification of Grass Cutting Machine"	Prof.Nitin P. Padghan	JETIR (Journal of Emerging Technologies and Innovative Research)	2020	Nill	Nill	Suryodaya college of Engineering Technology, Nagpur
"Productivity Improvement For Machining Process By Using Time Motion Study	Prof.Ketan k. Tonpe	JETIR (Journal of Emerging Technologies and Innovative Research)	2020	Nill	Nill	Suryodaya college of Engineering Technology, Nagpur
DUAL AXIS SUN TRACKING FOR SOLAR PV MODULES WITH AN AUTOMATED CLEANING SYSTEM	Prof. PrasannaTatamare	JETIR (Journal of Emerging Technologies and Innovative Research)	2020	Nill	Nill	Suryodaya college of Engineering Technology, Nagpur
Dual Axis Sun Tracking with an Automated Cleaning System for Pv Modules	Prof. PrasannaTatamare	IOSR Journal of Engineering (IOSRJEN)	2020	Nill	Nill	Suryodaya college of Engineering Technology, Nagpur
Fault Monitoring and Protection of Three Phase Load	Prof.AnuragUkande	JETIR (Journal of Emerging Technologies and Innovative Research)	2020	Nill	Nill	Suryodaya college of Engineering Technology, Nagpur

		s and Innovative Research)				gy, Nagpur
AUTOMATIC FAULT DETECTION AND PROTECTION OF THREE PHASE DEVICES	Prof. Anurag Ukande	JETIR (Journal of Emerging Technologies and Innovative Research)	2020	Nil	Nil	Suryodaya college of Engineering Technology, Nagpur
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	127	49	76
Presented papers	49	14	Nil	Nil
Resource persons	1	5	Nil	1
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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
Tree Plantation(ME)	NSS Suryodaya college of Engineering Technology, Nagpur	56	200
International Yoga Day(ME)	NSS Suryodaya college of Engineering Technology, Nagpur	25	50
National Voters day(ME)	NSS Suryodaya college of Engineering Technology, Nagpur	15	100
National Youth Day(ME)	NSS Suryodaya college of Engineering Technology, Nagpur	5	150
Blood Donation (EE)	Rotary club Mihan, Nagpur.	26	24
International Yoga day(EE)	Suryodaya college of Engineering Technology, Nagpur	50	70

Guest Lecture on Entrepreneurship Development (EE)	NGO Yuvak Biradari (Bharat).	3	45
Jal Jagruti Saptah (EE)	Z. P. School, Vihirgaon and Pragat Highschool , Vihirgaon	5	5
Paryavaran Purak Ganesh Visarjan at Sakardara Lake, Nagpur to promote Swach Bharat (ETC)	Suryodaya college of Engineering Technology, Nagpur	3	36
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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
Demonstration of working Model of Automatic Hand Wash Machine by ETC Dept. students at Public Place	NMC Appreciation Letter By Nagpur Mayor	Nagpur Municipal Co-orporation Nagpur	3
Awareness about Various Career Opportunities	Certificate	NRDRS, Nagpur	250
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Covid-19 Pandemic	Suryodya College of Engineering Technology, Nagpur	Demonstration of working Model of Automatic Hand Wash Machine by ETC Dept. students at Public Place	4	3
Swachh Bharat	Suryodya College of Engineering Technology, Nagpur	Paryavaran Purak Ganesh Visarjan at Sakardara Lake to promote Swach Bharat by ETC Dept. students at Public Place	7	46
AatmaNirbhar Bharat	Suryodya College of	Poster Making Contest on the	8	87

	Engineering Technology, Nagpur	occasion on Teacher's Day on theme "Invention Innovation for AatmaNirbhar Bharat" by ETC Dept. students at Public Place		
Swachh Bharat Mission	Suryodya College of Engineering Technology, Nagpur	"NO SPITTING" in Public Places.	4	20
NSS Extension Activity	Suryodya College of Engineering Technology, Nagpur	Swacchhata Abhiyan Swachh Bharat Abhiyan at Anganwadi Kendra, Adyali	5	58
Workshop	NSS Unit with GOE, nagpur	Student Solar Ambassador Workshop	3	70
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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
Faculty Exchange - Seminar by - Prof. Vivekanand P. Thakare	Students	Nagarjuna Institute of Engineering, Technology Management, Nagpur.	1
Partial Replacement Of Cement By Marbl Powder	Students	Aashray Associates	365
Workshop on patents	Staff & Students	Self-finance	1
MoU signed with Dysmech Competency Services, Pune for Training, Internship, Research and product development of student and faculty	Student & Faculty	Self-finance	1460
Training	Students (Learn the Science of Flying & Building Drones - organized in association with Techfest IIT Bombay	Self-finance	1
Research	Student (Workshop	Self-finance	1

	on "Sustainable Solar Application")		
Training	Students (Seminar by Mr. Yogesh Hedao, Area Manager, Programming Hub (Rightsol Pte Ltd) a Singapore based company, on awareness about e-Learning platform and e-certification for knowledge enhancement)	Self-finance	1
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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
Project Work(Comp)	Workshop on Android Development	Prof. R.S. Pant Faculty Advisor Techfest, IIT Bombay	03/01/2020	05/01/2020	4
Project Work (Comp)	National level project competition	Mr. Akhilesh Bharti Dipex 2020	06/03/2020	09/03/2020	4
Stabilization of Black Cotton Soil by Adding Fly Ash(Civil)	Stabilization of Black Cotton Soil by Adding Fly Ash	Aashray Associates	05/02/2019	10/01/2020	5
Training/ Internship/Project Work/research facilities (TP)	Memorandum of Understanding	Dysmech Competency Services, Pune	24/02/2020	31/12/2021	350
Training/ Internship/Project Work/ (TP)	Memorandum of Understanding	Future Counsellor, Nagpur	18/09/2019	31/12/2021	100
Training/ Internship/Project Work	Memorandum of Understanding	Maharashtra Center for E	04/10/2019	31/12/2021	30

(TP)		ntreperneurship Development, Aurangabad			
Understand ing the Process Carried out in the company in Electrical Engg. (EE)	Understand ing the Process Carried out in the company in Electrical Engg.	INDORAMA Synthetics Ltd. Nagpur	06/06/2019	13/06/2019	4
INPLANT Training (EE)	INPLANT Training	SONALI POWER EQUIPMENTS PVT.LTD	06/06/2019	21/06/2019	1
CSTPS Chandrapur Industrial Traning (EE)	CSTPS Chandrapur Industrial Traning	MAHARASHTRA STATE POWER GENERATION COMPONY LTD.	17/05/2019	17/06/2019	1
Internship (ETC)	Vacation Training	Maharashtra State Power Generation, Co-op Ltd,Koradi Training Cen tre,Koradi,N agpur (MAHAGENCO)	21/05/2019	17/06/2019	1
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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
Maharashtra Center for Entreperneurship Development, Aurangabad (TP)	10/04/2019	Training/ Internship/Project Work	30
Future Counsellor, Nagpur (TP)	18/09/2019	Training/ Internship/Project Work/	100
Jetking, Nagpur	10/07/2019	Training/ Internship/Project Work/	39
Programming Hub, Mumbai, M.S. (TP)	17/09/2019	Training/ Internship/Project Work/	63
Dysmech Competency	24/04/2020	Training/ Internship/Project	350

Services, Pune (TP)		Work/research facilities	
Reliance Animation ETC)	30/09/2017	To make the students technically strong ,providing Technical Training Program by the Experienced faculties of RAN and Vendors of RAN for SCET students, Regular Industrial Visits	40
ASPECT IIT,NAGPUR	15/09/2017	Exchange of Technical Ideas /Knowledge/Skills Bridging the Gap between Industry Institute	46
A.R.COMM.TELEVENTURE PVT LTD ETC)	01/11/2017	Sponsoring R D projects which may be carried out wholly at SCET or at the premises of ARC ,Training of Company Personnel through Continuing Education Program conducted by Institute in the areas of Interest of Company Sponsoring Student Projects	46
Techfest, IIT Bombay ETC)	22/08/2019	Organization of Investor Education Workshop in association with Suryodaya College of Engineering Technology, Nagpur	150
Programming Hub, Mumbai, M.S.(ETC)	17/09/2019	E-certification courses for students and faculty on latest industry required technologies	50
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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
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80	62.59
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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	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing
No file uploaded.	

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
SOFTLIB (SYNCHRONIK SOFTWARE)	Fully	5.5	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	11399	4094637	1640	223558	13039	4318195
Reference Books	1390	424995	95	7091	1485	432086
e-Books	308	43641	218	13570	526	57211
Journals	656	486339	44	80362	700	566701
e-Journals	349	43641	80	13570	429	57211
Digital Database	1095	43641	102	13570	1197	57211
CD & Video	440	38318	13	4530	453	42848
Library Automation	4	143641	1	13570	5	157211
Weeding	234	16380	38	3040	272	19420

(hard & soft)						
Others(s pecify)	149	Nill	Nill	Nill	149	Nill
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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
NA	NA	NA	Nill
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidth (MBPS/ GBPS)	Others
Existin g	420	8	420	1	1	14	6	50	1
Added	21	5	21	0	0	0	0	0	0
Total	441	13	441	1	1	14	6	50	1

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

50 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
1) e-Content Comprises for overall personality development for students as well as academics 2) Centre for skill and Entrepreneurship development (CSED) to import industry skills related to industry 4.0 in two domain a) IOT b) Desi	https://www.youtube.com/channel/UCza-H-RARiVcCJOOs-EGXPQ

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
350	29050428	15	977885

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)

1. Library:- Library is providing open shelf system for its users. Student need to present their valid photo ID for facilitating check out. They can

borrow three books for Fifteen days and faculty can borrow five books at a time Library is providing OPAC facilities to users to searching the books available in the library. book bank Facility for students Library staff work with academic staff who are subject experts to select appropriate resources and books to support student learning and research. The maintenances and upkeep of the infra facilities are carried out with the support of the heads of the particular infrastructure department (civil maintenance incharge, supervisor water and sewage, supervisor building, supervisor carpentry, supervisor gardening supervisor electric etc. 2.Laboratory Equipment :- The equipment and machines in the laboratory are maintained by the lab- incharge with the advice of HOD. The Do and Don't in every Lab at display ins available. All the Practical List to be Perform is available in 3. Computer software UPS :- The computer are maintained in the institution by support of Computer Engineering Department , This Department provide the integrated IT services like smooth running of automation, up-gradation and maintenance of websites, biometric , hardware , networking equipment etc . 4 . Vehicles transport :- The buses are plying covering all the routes for the use of students, Monthly fees is charged for availing transport facility by student. Emergency van is available in the college 24x7 hours for students and faculty at the time of emergency. 5. Sport Department :- This department is facilitating students to make the play in sports ground and providing play kits. Varies games, cricket, volleyball, Badminton, Indoor game like T.T, carom, chess. 6. Health care :- Medical officer is available for any emergency treatment.

<https://scetngp.com/naac-policy-for-infrastructure-maintenance/>

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	NIL	0	0
Financial Support from Other Sources			
a) National	Scholarship	672	29667763
b) International	NIL	Nil	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
Employment Enhancement Skill Development	11/06/2019	100	Suryodaya College of Engineering Technology, Nagpur
Remedial Class IV(EVEN SEM)	11/02/2020	78	Suryodaya College of Engineering Technology, Nagpur
Remedial Class II (EVEN SEM)	11/02/2020	32	Suryodaya College of Engineering Technology, Nagpur
Remedial Class III (ODD SEM)	28/08/2020	56	Suryodaya College of Engineering

			Technology, Nagpur
Remedial Class I (ODD SEM)	28/08/2020	28	Suryodaya College of Engineering Technology, Nagpur
Bridge Course(In dustry4.0)	08/06/2020	198	Suryodaya College of Engineering Technology, Nagpur
Bridge Course (NextGen Technology)	29/05/2020	197	Suryodaya College of Engineering Technology, Nagpur
Yoga (SH)	22/08/2019	81	Kuber Foundation
Soft Skill Development	13/02/2020	200	Rubicon Pvt. Ltd., Pune
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	PRERNA-Scheme for preparing students for Higher Education	200	200	3	73
2020	Skill & Personality Development Program	200	200	2	73
No file uploaded.					

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
1	1	10

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Ronch Polymer	45	18	Talentio Solutions Pvt. Ltd	13	Nil
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE	Mechanical Engineering	IIT Delhi	M.Tech Biomedical Engineering
2019	1	BE	CIVIL Engineering	YCCE, Nagpur	M.Tech in Structures
2019	1	BE	ELECTRICAL Engineering	TGPCE, Nagpur	Post Graduate Programme
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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	2
Civil Services	1
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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
Singing (Boys Girls)	Intercollegiate	32
Dance (Boys Girls)	Intercollegiate	56
Kho Kho (Girls)	Intercollegiate	48
Tug of War (Girls)	Intercollegiate	56
Badminton (Girls)	Intercollegiate	24
Badminton (Boys)	Intercollegiate	24
Carrom (Boys Girls)	Intercollegiate	24
Chess (Boys Girls)	Intercollegiate	24
Volleyball (Boys)	Intercollegiate	48
Cricket (Boys)	Intercollegiate	84
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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	Bharatna tyam Yuvarang 2020 organized by RTMNU,	National	Nil	1	20191023 726557	Miss. Komal Mhaisbadve

	Nagpur (Civil)					
2019	Debate "Yuvarang 2020 organized by RTMNU, Nagpur" Participation (ETC)	National	Nill	1	20181023 741289	Miss. Suhasini patil
2019	Western Solo dance "Yuvarang 2020 organized by RTMNU, Nagpur" Participation	National	Nill	1	20201034 423429	Miss. Anshika Rajak
2019	1st Prize, Debate, GCOEN (ME)	National	Nill	1	20181023 741180	Mr. Akshay Sawansukha
2019	Skit "Yuvarang 2020 organized by RTMNU, Nagpur" 3rd rank (Comp)	National	Nill	1	20181023 741170	Mr Pritesh Dhole
Nill	Box Cricket, GCOEN Participation	National	1	Nill	20181023 741183	Mr. Aniket Humne
Nill	Robo Soccer, GCOEN Participation	National	1	Nill	20191023 726502	Mr. Jayant Maundekar
Nill	Born Psycho, GCOEN Participation	National	1	Nill	20181023 741187	Mr. Prajwal fating
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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)

The Institute has well established student representative council which organizes the various co curricular and extra curricular activities for overall development of the students at the Institute Level. Every department has its own departmental forums. Student Council is formed by nomination out of each Department. It is an official body to look after the welfare of the students, give voice to student grievances and to suggest improvement and augmentation of academic and physical infrastructure. These council and forums are

professionally organized, managed and owned by the student's community. Each class has CRs as their Class Representative, students and alumni are the members of the IQAC.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

201

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Annual Meet

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)

The college authorities are very open for any suggestions and are always ready for discussion. They are always ready to implement the suggestions if they are fruitful and effective. Decentralized functioning mechanism empowers the departments to function with a greater flexibility and at the same time they share the responsibilities. 1. Principal level The Governing Body delegates all the academic and operational decisions based on policy to the various monitoring committees headed by the Principal in order to fulfil the vision and mission of the institute. 2. Head of Departments functions independently with their roles and responsibilities. 3. Faculty level Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular and extracurricular activities. They are given authority to conduct seminars/workshops/conferences/FDP's. 4. Student level Students are empowered to play an active role as coordinator of co-curricular and extracurricular activities, social service group coordinator. 5. One of the most important managerial concepts the college has implemented is the participation of faculty members in the decision making process in matter related to academic and non academic nature. This has created a sense of involvement and responsibility among all the staff members resulting in efficient administration of the college. Various Committees consisting of staff from various departments provide efficient coordination among team members in coordination with decision making authority.

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
Curriculum Development	Curriculum is developed and framed by

	the University, The institution does not have any say in It.
Teaching and Learning	New and modern methods of teaching and learning like field trips, films PPTS etc. are utilized and regular feedback from students is obtained
Examination and Evaluation	Examinations are decided by the university including evaluation procedures.
Research and Development	Allocation of funds for research in the annual budget. This is used for supporting selected student and departmental/faculty research projects financially, in addition to procurement of and maintenance of equipment's for research and subscription to various research resources by the central library.
Library, ICT and Physical Infrastructure / Instrumentation	It is always maintained and constantly upgraded.
Human Resource Management	All departments are adequately staffed with the right skill sets for efficient performance. Good performance is duly recognized.
Industry Interaction / Collaboration	The institution continues to propagate industry connect through: 1) Technical talks / Invited seminars 2) Industry visits / tours 3) Students' project work / internships 4) MOU(Memorandum of Understanding)
Admission of Students	Admissions are purely on Merit and there is no management quota (which has been surrendered to the college for allotment on merit)The procedure of the admission is governed by guidelines issued by the Govt. of Maharashtra and University of Nagpur.

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

E-governance area	Details
Planning and Development	Not implemented
Administration	Yes, Circulars/Communication through Email.
Finance and Accounts	Tally and other related software's are used by the accounts department for accounting purpose.
Student Admission and Support	The data is maintained by the admission cell of the admitted students. The data is maintained as per the area of specialization and class wise. This helps the admission department to keep track of the students admitted to the college and

	seats lying vacant in the institute.
Examination	In the university examination the online question papers system is adopted by the University. The Online valuation system is adopted and executed which returns results the fast declaration of the University results. All the Internal examinations marks are online submitted to the university.

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	Prof. S. G. BIRTHARIYA (ETC)	Two Days Workshop on "Machine Learning Techniques for Time Series Data Analysis including Application over Stock Market Data"	Department of Computer Science and Engineering, Visvesvaraya National Institute of Technology, Nagpur-440010, Maharashtra, India.	1500
2019	Prof. Rasika Chafle (ETC)	23rd World Conference on Applied Science Engineering and Technology, Melbourne, Australia	Institute for Engineering Research and Publication (IFERP)	20000
2019	Prof. Manjeet Gajbhiye (ME)	ISHMT	ISHMT	1500
2019	Prof. Vivekanand Thakare (Comp)	TWO DAYS WORKSHOP ON MACHINE LEARNING TECHNIQUES FOR TIME SERIES DATA ANALYSIS INCLUDING APPLICATION OVER STOCK MARKET DATA	NIL	400
2019	Prof. Vivekanand Thakare (Comp)	One Day Workshop on IPR Patent Filing	NIL	400
2019	Prof. P. P. Titarmare (EE)	Machine Learning and Deep Learning Applications in	Machine Learning and Deep Learning Applications in	2000

		Engineering and Science (MLDLAES - 2020) (Sponsored by Technical Education Quality Improvement Program -III)	Engineering and Science (MLDLAES - 2020) (Sponsored by Technical Education Quality Improvement Program -III)	
2019	Prof. Ashtashil Bhambulkar (Civil)	Certificate for test on spoken tutorial technology	NIL	1500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Training Program for teaching and non-teaching staff on Microsoft Office Tools	Training Program for teaching and non-teaching staff on Microsoft Office Tools	11/01/2020	11/01/2020	20	10
2019	One Day Workshop on "Learn The Science of Flying Building Drone"	NA	14/09/2019	14/09/2019	6	Nil
2020	Workshop on Circuit Designing	Workshop on Circuit Designing	21/10/2020	22/10/2020	11	3
2020	Seminar on Massive Open Online Course Platform (MOOC) courses "SWAYAM" at	NA	21/09/2020	21/09/2020	20	3

	Suryodaya College of Engineering Technology ,Nagpur					
2019	NA	2-Days Orientation Workshop on MS-Office 2019	23/08/2019	24/08/2019	Nil	21
2019	NA	1-Day Workshop on Effective Electronic Communication Tools	02/12/2019	02/12/2019	Nil	13
2019	1 Day Workshop on "Writing a Research Paper for A Reputed Journal"	NA	09/07/2019	09/07/2019	54	Nil
2020	1 Day Orientation Program on "Smart Manufacturing"	NA	03/02/2020	03/02/2020	Nil	20

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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 Advances in civil engg(Civil)	5	26/05/2020	30/05/2020	5
One Day Workshop on "Learn The Science of Flying Building Drone" (Comp)	6	14/09/2019	14/09/2019	1
FDP on matlab application in engineering and science(Civil)	1	17/05/2020	01/06/2020	14

Industry 4.0 Industrial Internet of Thing Manufacturing using IOT (EE)	2	08/06/2020	13/06/2020	6
One week Online Faculty Development Programme on "Moodle" (ETC)	1	11/05/2020	16/05/2020	6
One Week Online Faculty Development Program On "ARDUINO" (ETC)	1	20/05/2020	24/05/2020	5
One Week TEQIP-Online Faculty Developmnt Program on MATLAB Appllication in engineering ans science (MAES-2020)	1	27/04/2020	01/05/2020	5
Online Faculty Development Program on Renewable energy Sources: A way Ahead organised CUMMINS college of engineering for women nagpur	1	15/05/2020	21/05/2020	6
One Week Short Term Training Program on Latest Trend in Mechanical Engineering Technology organized by Priyadarshini Bhagwati College of Engineering, Nagpur	2	26/05/2020	31/05/2020	5

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	82	Nill	57

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Insurance Scheme, Medical Leaves, Transport Facility, Sick room facility, Fee Concession for ward of faculty member admitted in the Institution.	Insurance Scheme, Medical Leaves, Transport Facility, Sick room facility, Fee Concession for ward of faculty member admitted in the Institution.	Transport Facility, Sick room facility, Canteen Facility, Sports facility, Gym Facility, Institute Level need based and merit based scholarship, Financial aid provided by the Institution for Significant Projects.

6.4 – Financial Management and Resource Mobilization

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

Yes .Internal Audit is conducted by in-house staff and External Audit is conducted by independent External Auditor.

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
NRDRS, Nagpur	21000	Support to Student and Staff Development Program
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6.4.3 – Total corpus fund generated

35000

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	External Independent Agency	Yes	Academic Audit Committee
Administrative	Yes	External Independent Agency	Yes	Administrative Audit Committee

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

a. Parent Teacher meeting is organized once in each semester. b. Students attendance and internal examination results are Send to parents for regular monitoring of their wards progress. c. Parents are encouraged to be a part of institutional committees for student's welfare.

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

a. Workshops for support staff b. Financial Aid on case to case basis c. Personal Counselling

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

1. Formation of IQAC committee of the Institute. 2. III AQAR uploaded 3. Strengthening of feedback mechanism from all stake holders for continuous improvement. 4. Regular Internal Academic and Administrative Audits.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	International Conference on New Trends in Engineering Science, Management and Technology (Tech Trends-2019)	28/05/2020	28/05/2020	29/05/2020	750
2019	Webinar on NIRF Ranking System	19/11/2019	19/11/2019	19/11/2019	82
2019	FDP on Research Methodology.	13/12/2019	13/12/2019	15/12/2019	85
2020	NPTEL online course on Outcome based pedagogic principles for effective teaching	10/02/2020	10/02/2020	10/02/2020	24

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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	Period from	Period To	Number of Participants
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programme				
			Female	Male
Rangoli Competition on the topic "Save Girl Child"	08/11/2019	08/11/2019	52	8
Guest lecture on the topic "Promotion of equal Opportunities for Men and Women in Society"	07/02/2020	07/02/2020	69	45
Women's Day Celebration- "Healthy Women for Healthy Society" online	08/03/2020	08/03/2020	119	Nill

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
The Institute campus is clean and green with well maintained trees, bushes, lawns, landscaping's, etc. The Institute has undertaken green initiatives and has installed 50 KW rooftop solar power plant in its premises, has a rainwater harvesting project has been implemented.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Braille Software/facilities	No	Nill
Rest Rooms	Yes	6
Scribes for examination	No	Nill
Special skill development for differently abled students	No	Nill
Any other similar facility	No	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

2019	1	1	21/06/2019	1	International Yoga Day	Importance of Yoga	75
2019	1	1	01/07/2020	1	Tree Plantation	Importance of Tree Plantation	50
2020	1	1	12/01/2020	1	National Youth Day	Youth responsibilities	155
2020	1	1	25/01/2020	1	National Voters day	Importance of voting	115
2019	1	1	15/08/2019	1	Independence Day	Flag Hoisting	150
2020	1	1	26/01/2020	1	Republic Day	Flag Hoisting	178
2019	1	1	29/07/2020	1	International Tiger day	Conservation of Tigers	100
2020	1	1	16/03/2020	7	Jal jagruti Saptah	Save Water	300

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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)
Aarambh 2019	02/08/2019	"Aarambh 2019" is a hand book provided to the first year inducted students. It contains information and Institutional details that are essential to them.
Code of Conduct For Teaching and Non-Teaching Staff	01/06/2020	Code of Conduct is a hand book provided to all Teaching and Non-Teaching Staff. It includes all the Responsibilities, Welfare schemes, Rules and Regulations.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Distribution of Cloths and Food Grains	13/07/2019	13/07/2019	58
Tree Plantation activity	25/07/2019	25/07/2019	53

National Youth Day	01/12/2019	01/12/2019	212
Blood Donation Camp	12/12/2019	12/12/2019	38
Eye Checkup Camp	12/12/2019	12/12/2019	71
Course on Industrial Economics Entrepreneurship Development	16/03/2020	18/03/2020	65
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Green Audit. 2. Solar power of 50 K. W. is installed in the campus. 3. vermicompost Plant 4. Classrooms are provided with large size windows so that natural light are sufficient instead of using the electric lights. 5. Air conditioners are used only at essential places and that too if the situation warns badly. 6. The UPS Batteries are being maintained in good conditions which reduces the charging current of batteries 7. The Institute has installed a rain water harvesting system on the campus. 8. Students and Faculty members organizes Tree Plantation Program every year in the campus and around nearby villages and schools. 9. World environment day celebration. 10. Lights and fans are switched off when not required.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice – I

1. Title of the Practice – Professional Skills exposure to students
2. Goal Objectives of this best practice are to enhance the professional skills of student to improve their employability and organize training programs to motivate students for higher education and Entrepreneurship. So as to empower them with current Industry needs and job requirements.
3. The Context Industry needs are frequently changing, and technologies are rapidly updating. Students must be aware of these changes and update their skill sets. Though the students are good in academics, few of them are lacking in presentation and technical skills. They are needed to be groomed in technical as well as presentation aspects so that they can fulfil soft skill requirements in Industry. Hence, which the functional head and a faculty representative from each Department are actively working to achieve the objectives.
4. The Practice Enhancing out of box thinking of students is a noteworthy point of this practice. Efforts taken for the same are mentioned as follows:
 - ? Organizing University sponsored workshops on emerging technologies for faculty members and students
 - ? Organize Hackathon Project Ideas for Students.
 - ? Students enthusiastically participate/ publish their ideas in National/International Conferences and Journals.
 - ? Expert/Guest lectures are frequently conducted for students by Industry Professionals to impart knowledge of the latest trends in Industries.
 - ? Technical events are organized to improve the professional and technical skills of students to enhance their employability.
 - ? Faculty members and students are active members of professional bodies like ISTE.
 - ? Various student associations such as CESA, MESA, ACE, EPASA ETESA are formed. Technical and non - technical events are organized under the dynamic leadership of student coordinators of each student association.
 - ? Every Department conducts add-on courses/certification courses for students to enhance their technical skills.
 - ? Industrial visits are organized to understand the professional work culture of Industries.
5. Evidence of success • 73 No. of Students Placed in Various Company's. •

Students Fabricated Hand Sanitizer during Pandemic appreciated by Mayor, Nagpur. • Organized 4 no of STTP, 156 No. of Students Completed Internship. • 2 No. of PhD Awarded in this Year 6. Problems Encountered and Resources required ? It is difficult to find the right person from the Industry who can authoritatively deliver sessions on the latest technologies. It is challenging to maintain a balance between academic activities and technical event activities. ? Some students are from vernacular backgrounds and have poor English communication skills, which need to be improved. Best Practice - II 1. Title of the Practice: 'Industry Institute Interaction' 2. Goal The main objective is to establish and maintain relationships with the corporate world through MoUs, Center of Excellence, sponsored projects, industrial visits and in-plant training programs for students and faculty members. 3. The Context The institution has taken the initiative to interact with various industries through the Training Placement as well as Industry Institute Interaction committee that maintains professional relations with industries. Industrial visits are arranged for students and faculty members to gain practical exposure and keep abreast of their knowledge. To achieve academic excellence, students are encouraged to interact with industries and research organizations through FDP, industrial visits, sponsored projects, training programs, internships, consultancy etc. Industry professionals are regularly invited to share their knowledge with the students. It opens up a fresh avenue for enthusiastic young minds and faculty members to develop skills across diverse areas, including managerial skills, social responsibilities Industry liaison ethics. 4. The Practice To strengthen the Industry Institution Interaction, Institution is a member of reputed Industry professional bodies like VIA, Vigan Bharti, DCS etc. The institution is a member of the Education Excellence Forum under DCS. CSIED focuses on faculty development programs, student development programs, curriculum reviews, and international linkages. The industrial liaison program is aimed at developing meaningful relationships with industries to create and strengthen mutually beneficial relationships between Institution and Industry. ? Faculty Development Program - To upgrade professional skills, various FDPs STTP are conducted, which includes interactive sessions by Industry experts and Industry workshops/ training. ? Student Development Program - For the overall development of students, various programs are conducted like personality development, career counseling, technical competitions, industry training programs, industrial visits, add on courses etc. ? Curriculum Review - The Institution has constituted an Academic Advisory Board which comprises experts from various industries. Their suggestions are incorporated into the curriculum through different add-on courses/guest lectures. ? International Linkages - The institution is trying to build International linkages by availing membership of professional bodies, MoUs with various Industries and partnership between Industry and academia through consultancy. MoUs are signed with various companies and different activities such as project sponsorships, competitions, seminars, workshops and technical events are conducted. 5. Evidence of Success • 250 No. of Students Completed Internship in Various Company's. • CSIED / Incubation Center Established in Collaboration of DCS, PTC, Dessault System Master Cam. • About 12 MoU's form in 2019-20 • Live Project Carried out in Different Industries. 6. Problems Encountered ? Sometimes it is a hurdle to call speakers from prominent companies for expert sessions because of their busy schedules. ? Lack of sponsored projects for final year students due to less number of industries in vicinity.

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

<https://scetngp.com/naac-best-practices/#>

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

Through proper planning and strategies, the institution focuses at delivering to its best ability the vision of the college. The quality education is provided through regular classes and by conducting various programs where students are fully involved. All the departments frequently organize various seminars, workshops, webinars and guest lecturers from industry professionals and well known academicians regularly. Skill Enhancement Programmes, Value Added Courses, ADD ON Courses, Soft Skills Development Programmes, Industrial Trainings/Internships, Industrial Visits Tours and Live Industry Projects are regular happenings in the departments which are aiding in the professional growth of the students. Various cleaning and awareness programs are conducted by the NSS unit of the college. Various Social Programs like Freshers day, Teachers Day and various Games Sports events like Sambhav, Inter class Cricket tournament, Badminton, volleyball, inter-class singing and dancing competitions etc, are organized with the help of students Council. Staff and Students are sent to visit other institutions, colleges and industries through various Student Exchange programs, Field Trips etc.

Provide the weblink of the institution

https://scetngp.com/about_us/

8.Future Plans of Actions for Next Academic Year

1. To organize induction program for BE I year students as per AICTE guidelines. 2. Strengthen industry institute interaction. 3. To start the incubation facility and startup facility in the college to encourage students to start their own business. 4. To increase industry based projects of students. 5. To encourage faculty students for higher studies. 6. Strengthen the research activities in the institute and motivate the faculty members to undergo industrial training and promote the faculty members to undertake Research Development activities. 7. To organize one International Conference on recent trends. 8. To carry out additional Extension activities towards social cause. 9. To motivate students to take active part in NSS activities and sport activity at university level.