Part A	
Data of the Institution	
1. Name of the Institution	**NAVSAHYADRI EDUCATION SOCIETY'S GROUP OF INSTITUTIONS**
Name of the head of the Institution	**RUPESH JAGATARAO PATIL**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02113-273277**
Mobile no.	**8698786162**
Registered Email	**director@navsahyadri.edu.in**
Alternate Email	**principalnavs@gmail.com**
Address	**GATE NO.69,70,71,MOUJE, NAIGAON,TALUKA BHOR,DIST.PUNE,MAHARASHTRA-412213**
City/Town	**PUNE**
State/UT	**Maharashtra**
Pincode	**412213**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**INDRANIL TAPANKUMAR MUKHERJEE**
Phone no/Alternate Phone no.	**02113273277**
Mobile no.	**9096333445**
Registered Email	**indranil.mukherjee0107@gmail.com**
Alternate Email	**svtawade60@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.navsahyadri.edu.in/

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 :	http://www.navsahyadri.edu.in/assets/pdf/academic%20calender%202019-20%20sem%201.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Period To
1	**A**	**3.11**	**2019**	**15-Jul-2019**	**14-Jul-2024**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**31-Oct-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Faculty Development	**08-Jul-2019**	**35**

Program on Online Teaching	1		

L::asset('/'),'public/').'/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'.$instdata->upload_special_status)}}

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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
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link]()
10. Number of IQAC meetings held during the year :	**3**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**No**
Upload the minutes of meeting and action taken report	**No Files Uploaded !!!**
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)

1. Academic Monitoring Committee: Regular teaching activity observation 2. Audit courses as per curriculum for students 3. Faculty Development Program on Online Teaching

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

Plan of Action	Achivements/Outcomes
Academic Monitoring Committee: Regular teaching activity observation	Helped in successful conduction of online lectures and Academic Sessions

Audit courses as per curriculum for students	Successful conduction of Audit Courses as per University Syllabus
Faculty Development Program on Online Teaching	Faculties completed online teaching sessions with great effect in pandemic situation
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	26-Jun-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	11-Jan-2020
17. Does the Institution have Management Information System ?	No

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

Navsahyadri Education Society's Group of Institutes is affiliated to Savitribai Phule Pune University (SPPU) and approved by AICTE. It conducts 5 UG and a PG courses. The institute has a structured academic plan, for effective curricular planning & implementation. Institute has constituted an Academic Monitoring Committee (AMC) comprising of Principal and Departmental Coordinators which is responsible for planning & monitoring of overall academic activities & its functioning. Before commencement of every semester of academic year Academic Calendar is prepared accordance with SPPU academic calendar, then every department prepares departmental academic calendar which includes internal tests schedules, mock tests schedules, university exam schedules, experts/guest lectures, workshops, institutes level activities, and industrial visits. Faculty members give choices of subjects for the new semester as per expertise to finalized elective subjects student's choice is taking into consideration. Head of each Department allocates the theory and laboratory courses to faculty members as per their choice, area of interest and specialization.Departmental time table coordinator prepares timetable subject wise, classroom wise, laboratory wise. This time table finalized by HOD and by Principal and then circulated to faculties and students. Time table displayed on common notice board, Website, ERP software. Theory and practical lesson plans are prepared by

faculties before the commencement of the semester, which is checked by HOD & AMC. Attendance booklet is provided to the faculty member to take daily record of student's attendance of students during theory and practical session. Also gives information about the class test marks, preliminary exam marks. Every fortnight, the departmental academic process is reviewed by HOD and every month b AMC. The review consists of syllabus coverage, practical assignment completion, student's attendance, the performance of students through internal examination.Periodical tests are conducted for theory subjects, mock tests for online practice. The additional classes for poor performance in these evaluations. The slow and advanced learner can be identified by this evaluation. Remedial classes conducted for the failure students to improve their results. For a group of around 20 students, one Guardian Faculty Member (GFM) is allocated. GFM conducts weekly meetings, counseling for students, and provide guidance for poor performing students. Performance and attendance of all students are regularly communicated to parents through phone performance of their ward and interact with parents for the academic progress of students. For enrichment of the teaching-learning process, faculty member used ICT tools.Industrial visit arranges to bridge the gap between curriculum and industrial requirements. The project undertaken by final year student helps them to understand the social and industrial needs. The newly form IQAChas system to recommend the interventions for continuous quality improvement.calls and SMS. Parents Teacher Meeting is arranged in each semester to communicate with parents the

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
NA	NA	Nil	0	NA	NA

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Electronics & Telecommunication	17/06/2019
BE	Computer (SE 2019 Pattern)	17/06/2019
BE	Electrical (SE 2019 Pattern)	17/06/2019
BE	Civil (SE 2019 Pattern)	17/06/2019
BE	Mechanical (SE 2019 Pattern)	17/06/2019
[View Uploaded File](#)		

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	Electronics Telecommunication	17/06/2019
BE	Computer (SE 2019 Pattern)	17/06/2019

BE	Electrical (SE 2019 Pattern)	17/06/2019
BE	Civil (SE 2019 Pattern)	17/06/2019
BE	Mechanical (SE 2019 Pattern)	17/06/2019
MBA	MBA	17/06/2019

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

	Certificate	Diploma Course
Number of Students	30	0

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
NA	Nill	0
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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
MBA	Summer Intransip	97
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

The College follows a robust mechanism of collecting feedback from its stakeholders like students, teachers, parents, alumni and employers. The feedback taken is analyzed and the used for improvements in the systems. The members of the committee decide the timeline of collecting and disseminating the feedback.The analysis of feedback is discussed with various stakeholders to bring about improvement in areas of weakness, opportunities, and challenges, so as to strengthen the quality and delivery of services by the institution.Alumni and Parents' feedback are collected during the Alumni and Parent teachers meeting respectively. a team of senior teachers analyses the feedback and communicates the same to individual teachers. Many departments maintain program

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled

Programme	Specialization	available	Application received	
BE	MECHANICAL ENGINEERING (DSE)	53	30	30
BE	MECHANICAL ENGINEERING	120	2	2
BE	E & TC ENGINEERING (DSE)	32	10	10
BE	E & TC ENGINEERING	30	0	0
BE	ELECTRICAL ENGINEERING (DSE)	58	41	41
BE	ELECTRICAL ENGINEERING	30	3	3
BE	COMPUTER ENGINEERING (DSE)	47	46	46
BE	COMPUTER ENGINEERING	60	22	22
BE	CIVIL ENGINEERING (DSE)	60	41	41
BE	CIVIL ENGINEERING	60	6	6
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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	643	190	42	19	0

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
54	54	46	26	4	42

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)

The institution has a strong mentoring system for students. Each faculty will have about 20 students for mentoring and guidance for overall development of students like his curriculum, cocurriculum and extra curriculum activities, his results, participation in sports, cultural activities etc..Institute hosts an Induction program for the students. On behalf of management Honorable President and Principal of institute address the Students, which cover the introduction of NESGI Society. Principal further elaborates academic facilities like library,laboratories, computer center, gymkhana, and cultural activities. Head of First Year Engineering details out academic calendar, rules, and regulations of University and examination pattern. Students are also informed about placements and career opportunities by Training and Placement Officer. During the admission process, the Institute collects fresher student's data through a portrait student's profile. This data helps to know the student's academic and family background, skills learned in school/junior college, the hobbies/interest in various fields.To identify the students as an advanced learner or slow learner from fresher students, each department conducts diagnostic test and marks are shared with the team of Guardian Faculty Members (GFM)/Mentors of all departments. For higher classes (TE BE), Slow Learners and Advanced Learners are identified for each subject separately by respective subject teachers for all the semesters. The process to identify Slow Learners and Advanced Learners is conducted immediately after the declaration of previous semester university exam result or after one month of teaching. Every subject teacher conducts Class/Unit Test of their subject on syllabus covered till date or on the first unit of 25 marks / 1hr to identify slow learner and advanced Learner. From the analysis of the Class/Unit Test, the list of both types of learners is prepared for further monitoring and conduction of various sessions for them. At the end of the semester, each faculty prepares a report which shows the improvement in performance of slow learner to close the loop. For higher classes, individual departments carry out activities for advanced and slow learners. Activities for Slow learners: Remedial / Make-up classes/ Extra lectures, Personal Attention in teaching, Counseling – special hints and techniques, Assignments and solving University question papers, Question bank, Guidance for Seminar/Project presentation, Mock oral/practical examination, Tutorials, Institute has made special provision of exhaustive soft skills training and exclusive counseling to mold the slow and advanced learners to plan their career and placements, Remedial coaching for failure students, Provisions are made in time table by adding extra one hour in a week. Activities for Advanced learners: Encouragement to complete NPTEL/Advanced courses, Participation in an incubation center, Participation in Seminars/Conferences, Paper publications and presentations, Workshop/Seminar on current trends, Model making/building, Industrial visits and Industry sponsored the project, Patent filing process, State Government sponsored Inter-University Research Project Competition-Avishkar, Industrial training/ internships, Group discussions/debates on advanced topics, Institute organizes the different technical event,Provided platform through MoU's with various reputed Industries/ Research Institute for the, Advanced learners to explore their talents. Advanced assignments or tasks are assigned to the advanced learner

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
833	54	1:15

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
64	54	10	3	7

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	Dr. Rupesh Jagatarao Patil	Principal	Best Principal Award by IAECT, Mumbai
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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
MBA	663210110	YEAR	01/07/2019	15/05/2020
BE	663219110	year	16/12/2020	05/01/2021
No file uploaded.				

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

Institute displays academic calendar at the beginning of commencement of Semester of every academic year. The institute has an Academic Monitoring Committee (AMC) which is responsible for monitoring and smooth conduction of the academic processes in the institute. The AMC prepares the institute level academic calendar. Academic calendar contains Commencement of Teaching, Assignments Schedule, Unit Test/ Class Test Prelim Exam, Mock MCQ/Online Test, Mock Practical/Oral Exam, TE BE In SEM Exam, End of Class Room Teaching, SPPU Practical Exam, SPPU Theory Exam It has a standard procedure to plan and develop curricular, co-curricular activities. Dates proposed by the university for commencement and conclusion of the semester, in-semester, end-semester, and online, examination are reflected in the institute's calendar and strictly followed. The policies are revised in general meeting flexibility is given to higher authority to make run time changes for conduction of internal examination .The Principal, CEO, Academic coordinator, HOD and examination coordinators of Departments make sure that Completion of term work, Conduction of mock practical and theory examinations, Submission of term work marks based on continuous evaluation scheme, Assessment of In Semester examination answer sheets, Conduction of online and theory examinations, SPPU exam supervision duties, Assessment of answer sheets at CAP centers. AMC checks the conduction of lectures and practical sessions. Attendance of student is observed daily and absences of the student are communicated to parents via Phone calls or SMS. Cumulative attendance and Defaulter student lists are displayed every fortnight as per the, procedure.

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

Institute displays Institute/ Department academic calendar at the beginning of commencement of Semester of every academic year. The institute has an Academic Monitoring Committee (AMC) which is responsible for monitoring and smooth conduction of the academic processes in the institute. The AMC prepares the institute level academic calendar all departments to prepare their academic calendar in accordance with Institute academic calendar. Items in the academic calendar are as follows: 1. Commencement of Teaching 2. Assignments Schedule 3. Unit Test/ Class Test Prelim Exam 4. Mock MCQ/Online Test 5. Mock Practical/Oral Exam 6. TE BE In SEM Exam 7. End of Class Room Teaching 8. SPPU Practical Exam 9. SPPU Theory Exam It has a standard procedure to plan and develop curricular, co-curricular activities. Dates proposed by the university for commencement and conclusion of the semester, in-semester, end-semester, and online examination are reflected in the institute's calendar and strictly followed. University schedules TW/ Practical /Oral examinations and appoints an external examiner. Usually, the practical examination period is of 3 weeks, planned by the university. This schedule is sternly followed by the institute. The examination committee meets periodically to discuss all the examination related matters. At institute level, effective implementation of tutorial and Class test /unit test/prelim take place and results are declared within Six working days. The students can see their evaluated answer sheets and discuss

the same with concerned faculty. The policies are revised in general meeting flexibility is given to higher authority to make run time changes for conduction of internal examination The Principal, CEO, Academic coordinator, HOD and examination coordinators of Departments make sure that 1. Completion of term work 2. Conduction of mock practical and theory examinations 3. Submission of term work marks based on continuous evaluation scheme 4. Assessment of In Semester examination answer sheets 5. Conduction of online and theory examinations 6. SPPU exam supervision duties 7. Assessment of answer sheets at CAP centers Academic Monitoring Committee (AMC) checks the conduction of lectures and practical sessions. Attendance of student is observed daily and absences of the student are communicated to parents via Phone calls or SMS. Cumulative attendance and Defaulter student lists are displayed every fortnight as per the procedure. The students having attendance less than 75 have to attend the make-up classes of respective subjects. Status of syllabus completion, defaulter students is reviewed by Guardian Faculty Member(GFM) periodically in GFM meeting.

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://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202019/MBA_Revised%20Syllabus%202019%2023-10-19_24.102019.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
663229310	BE	ELECTRICAL ENGINEERING	38	37	97.37
663219110	BE	CIVIL ENGINEERING	58	58	100
663261210	BE	MECHANICAL ENGINEERING	88	57	64.77
663237210	BE	E & TC ENGINEERING	18	16	88.89
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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://docs.google.com/spreadsheets/d/1z27JMoGwh8UJT9HOvp5bm057Tv1OhE13UEOsthFOR4s/edit?usp=sharing

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nill	00	NA	0	0
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
NS2 Workshop	Computer Engineering	01/11/2019
Expert lecture on Cloud computing habds on Training	Computer Engineering	20/12/2019
Advances in Robotics	Mechanical Engineering	03/01/2020
AIML	Computer Engineering	10/01/2020

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NA	NA	NA	Nill	NIL

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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
00	NA	NA	NA	NA	Nill

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

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

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	Mechanical Engineering	7	4.2
International	Electrical Engineering	2	4.3
International	Copmuter Engineering	1	3.2
International	Civil Engineering	1	3.2
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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	2

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
Experimental investigation of black cotton soil by lime and Fly ash stabilisation	Amar Kalyane, Dr. R. J. Patil	AEGAEUM	2020	3.1	NESGI	4
Thermal Performance Analysis Of Solar Flat Plate Collector Incorporated With Latent Thermal Energy Storage System (PCM)	Dr. R. J. Patil	International Engineering Journal For Research Development	2020	4	NESGI	7
Dl-Tracker: ?Biometric Enabled Driving License Checker	Jadhav Shubhangi, R. J. Patil	International Journal of Scientific Technology Research	2020	3.4	NESGI	5
Domain Knowledge and Life Skills for Employability of Engineering Graduates in Maharashtra (India) - An Alumnus	Dr. R. J. Patil Dr. K. S. Charak	Purakala, ISSN 0971-2143	2020	3	NESGI	9
Review of Literature on Employability	Dr. R. J. Patil Dr. K. S. Charak	CLIO An Annual Interdisciplinary Journal of	2020	4.2	NESGI	8

Title	Authors	Journal	Year				
Skills of Students in Technical and Non-Technical Education		History with ISSN0 976-075					
THD Analysis Of H-Bridge Multilevel Inverter Using Sinusoidal Amp Space Vector Pulse Width Modulation	Kale Akshay S, Dr. Patil Rupesh. J	International Journal of Research and Analytical Reviews	2019	3.6	NESGI	3	
Comparative Analysis for Energy Audit Of Actual Monitored And Simulation Base 100/22kv Transmission Substation	Dr. Patil Rupesh J, Kale Akshay S. and Kalbandhe	International Journal of Electrical Engineering and Technology	2020	4	NESGI	8	
Mechanical and Civil engineering graduates domain Knowledge and Life Skills for Employability	Dr. R. J. Patil Dr. K. S. Charak	International Journal of Psychosocial Rehabilitation	2020	2.3	NESGI	5	
Domain cognizance and essential skills required for employability of electronics and tele	Dr. R. J. Patil	International Journal of Psychosocial Rehabilitation	2020	3.6	NESGI	7	

Title of the Paper	Name of Author	Title of journal	Year of publication				
communication engineering graduates in Maharashtra (India)-An alumnus perspective							
Design and Fabrication of Portable Peanut Peeling Machine for small farmers	Dr. R. J. Patil	International Journal of Recent Technology and Engineering (IJRTE)	2020	4.2	NESGI	9	

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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
Nil	Nil	nil	Nill	0	0	0

No file uploaded.

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	3	6	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
Clean up India	MESA	3	26
Vivekananda Youth Speech	CESA	5	35
Tree Plantation	CESA	3	16

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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	0

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
Clean up India	MESA	Clean up India	3	26
Vivekananda Youth Speech	CESA	Vivekananda Youth Speech	5	35
Tree Plantation	CESA	Tree Plantation	3	16
[View File](#)				

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
nil	0	nil	0
No file uploaded.			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industrial Visit	One Time Permission for Field Trip	Sagar Industries,	10/01/2019	10/01/2019	TE Mechanical Engineering Students
Industrial Visit	One Time Permission for Field Trip	Pimpri Chinchwad Science Park, Pimpri, Pune.	24/09/2019	24/09/2019	SE Mechanical Engineering Students
Industrial Visit	One Time Permission for Field Trip	Rajgad Sakhari sakhar Karkhana, Bhor, Pune	14/10/2019	14/10/2019	BE Mechanical Engineering Students
[View File](#)					

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
nil	Nill	nil	0

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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
0	0

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
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
SLIM21	Fully	3.1.0	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Reference Books	14433	6220018	0	0	14433	6220018
e-Books	2641	0	0	0	2641	0
Journals	66	182839	0	0	66	182839
e-Journals	17000	65789	0	0	17000	65789
Library Automation	1	122062	0	0	1	122062
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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
Prof.Sagar R Chavan	e-notes	blogger	01/02/2019
Prof.S R Savant	e-notes	blogger	01/02/2019
Prof. Sachin	e-notes	You Tube Channel	31/01/2019

Todkar			
Prof.J.P.Hugar	e-notes	blogger	01/08/2019
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	432	9	45	1	1	1	6	45	0
Added	0	0	0	0	1	0	0	0	0
Total	432	9	45	1	2	1	6	45	0

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

45 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. Recording Facility: Sony CCD 420TVL Camera , Tripod, Collar Mike and Centralised Storage system.	https://www.youtube.com/watch?v=lwDyVA85ggM&feature=youtu.be
2. Smart Boards : Cybernetyx EyeRIS IX-Series Interactive Whiteboard – Recording Tools, Snapshot from Running Video capabilities are available	https://www.facebook.com/Navsahyadri.Pune/videos/1963847217242023/

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
0	0	0	0

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)

Preventive maintenance: Preventive maintenance is carried out under supervision of concerned department. Before commencement of semester the corresponding cells ensure that no preventive maintenance activity is pending and the infrastructures as well as laboratories are functioning correctly as per standards. Breakdown maintenance: In case of breakdown maintenance, alternate arrangement for the required infrastructure and the equipment is made so as to avoid hampering of activities. In case, if the maintenance is beyond the reach of maintenance cell, then the work is outsourced to third party. The problem is conveyed by the process owner to the maintenance team and accordingly the manpower is deputed to resolve the same. The process of dead-stock verification is carried out once in a year by the designated committee. Care is taken to maintain library. Annually, stock taking is mandatory process for library. After inspection of all the books, the identified books are re-

bound. In case of loss of book, the book needs to be replaced by the user. Daily maintenance: Daily cleaning and washing is carried out by the house keeping staff. Laboratories Computing Facilities: laboratory equipment and computers maintenance is carried out by service providers. Laboratories are having computers and network systems. These are monitored by respective departments and well supported by Systems Department. All the routine equipment and computer maintenance, software installations and networking are handled by respective department. Library Stock Maintenance System: Central Library holds collection of number of books and has subscription of print Journals/Technical magazines of national and international repute. The stacking arrangement of books is aptly supported by "Slim 21". To keep track and easy accessibility of all Library Books, 'Stock Verification Process' using 'Bar Code Technology' Library management software is conducted yearly during Non-Academic period. Sports Facilities: A well experienced Physical Director has been appointed for sports facilities. Students are encouraged to participate in outdoor sports activities, ensuring physical fitness levels at all times. Institute has a football and a volleyball ground including a well-equipped gymnasium. In door games like Carom, Badminton etc are available. Planting the trees in the campus to ensure pollution free and healthy campus environment. Classrooms - Well designated classrooms have been architecturally designed with adequate light and fan points to ensure a comfortable academic study environment are maintained by Systems and Maintenance Teams to ensure smooth and hassle-free teaching sessions. General Campus Facilities and Infrastructure Management –A team operates for infrastructure maintenance. This team is supported by skilled electricians, carpenters and plumbers. They are 24x7 on campus (in shifts) to ensure hassle-free and smooth functioning of all academic related facilities at all times. DG sets, all Civil, Electrical and Solar panels have routine maintenance in addition for important support facilities, ensuring complete back up at all times. In addition they are strongly supported by housekeeping staff that ensure clean, dust-free and hygienic environment. To support upkeep and maintain Campus infrastructure, Institute has outsourced Security, Garden and Housekeeping to Professional Contractors.

http://www.navsahyadri.edu.in/criteria4

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	NA	0	0
Financial Support from Other Sources			
a) National	State Govt. Scholarship, EBC, Panjabrao Deshmukh Scheme	1246	41303636
b)International	NA	0	0
View File			

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

Personal Counselling and Mentoring through phone call to students	22/07/2019	600	Guardian Faculty Members

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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
Nill	NA	0	0	0	0

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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
0	0	0

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
NA	0	0	QH Talbros, Q spider, Logi pool,Credit systems, syn tel,skilledg e, universal construction equipments	107	65

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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
2020	0	NA	NA	NA	NA

No file uploaded.

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

Items	Number of students selected/ qualifying

NET	0
SET	0
GATE	0
GMAT	0
CAT	0
GRE	0
TOFEL	0
Civil Services	0

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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
NA	NA	0

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

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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 main reason for Student Council Committees is to motivate students for extracurricular, co-curricular activities. The students' association organizes activities and events by the students for the students and also for Faculties. Through these activities, students can showcase their talent. This also helps to develop their personality and human ethics. The student from ACES, MESA, CESA, ETSA, EESA committees take care of all the activities such as Engineer day celebration, Teacher's day celebration, student farewell function, technical events etc. at their respective department level. The same students involved in college-level events like sports, a cultural, annual gathering, and all other activities including workshops, expert lectures,and competitions at institute level. The committee's formed address students' problems and try to resolve them. NSS Committee organizes many social awareness programs in rural areas.NSS committee organized many events such as Tree Plantations, Blood Donation camps, Swatch Bharat Abhiyan Inspiration lectures on character building, save the river and save the farmer campaign. The Students Association in the respective branch are as follows: 1. Association of Computer Engineering Students (ACES) 2. Mechanical Engineering Students Association (MESA) 3. Civil Engineering Students Association (CESA) 4. Electronics Telecommunication Students Association (ETSA) 5. Electrical Engineering Students Association (EESA)

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The NESGI's Faculty of Engineering Alumni Association (NESGI's FOE AA) has been established on date 10th Jan 2018 with registrar of societies as per society act 1860 at Pune bearing Registration number: Maharashtra/48/2018/Pune and the NESGI's Faculty of Management Alumni Association (NESGI's FOM AA) has been established on date 5h May 2018 with registrar of societies as per society act 1860 at Pune bearing Registration number: Maharashtra/763/2018/Pune. NESGI's FOE AA is functional from its establishment as an independent entity. The Institute has a vibrant network of alumni. Every year the annual Alumni Meet provides a platform for the students to renew old bonds with the Alma-mater, foster new ties and relive the nostalgic college moments. Alumni can access alumni activities through Alumni Portal and day to day activities of Institute through the website. Feedback from alumni decides the way ahead for the overall development of all stakeholders. The institute effectively networks and collaborates with alumni which have seen a progressive increase in the number of alumni interacting with the students every year. NESGI's FOE AA has been established with the objectives mentioned below: 1.To utilize the experience, wisdom, zeal, ability and spare time of past student of the Navsahyadri Education Society's Group of Institute Faculty of Engineering for benefit of the weaker section of the Society. 2.To take public interest relating to the past students of Navsahyadri Education Society's Group of Institute Faculty of Engineering in this area with State Central Government and Semi- Government or private organizations or public co-operation. 3.To promote and provide for education, educational scholarships, and medical relief useful to poor and the needy of Navsahyadri Education Society's Group of Institute Faculty of Engineering. 4.To organize adult education camp and literacy programs. 5.To help and assist financially or otherwise, old age homes, rescue homes, health care units, family welfare centers, seminars etc. 6.To reach, engage serve all alumni and present students by networking with one another to Foster a life intellectual and emotional connection. 7.To serve the need of alumni for leadership, voluntary commitment, goodwill, Financial support. 8.To enhance industry-academic collaboration communications including public relations. 9.To encourage the students for social welfare activities. 10.To encourage the students and people in the society for research and development in various fields like business management etc. 11.To encourage the students for higher education. 12.To organize personality development programs value addition programs for students. 13.To encourage and help the students for entrepreneurship. 14.To help and promote economically backward student in studies and through scholarships. 15.To help and promote anti-drug, anti-druggist activities. 16. To promote computer literacy by arranging workshops for different classes of society.

5.4.2 – No. of enrolled Alumni:

225

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)

Participative Management is ensured at all operational levels through the representation of stakeholders. Inputs from faculty, students and all stakes holders are considered for policy decision making and its implementation at department and Institute level. The functioning of the Institute is monitored at three levels as follows:The management of the Institute with its GB, whose members, are appointed in accordance with the guidelines provided by AICTE. LMC / CDC are formed in accordance with the guidelines by SPPU. The resolutions made in the GB and LMC / CDC meetings related to the Policies and plans are communicated to the Institute. The principal is the academic and administrative head of the Institute and the member Secretary of the GB, LMC/CDC and chairman of IQAC. IQAC receives policy guidelines from GB and LMC/CDC as well as inputs from various stakeholders and prepares action plans for quality Enhancement in line with the vision and mission of the Institute.The Head of Department is responsible for the day-to-day management of the department and reports directly to the Principal. Examples of Two Practices Training and placement activities are managed by the TPO coordinators. Regular meetings are held with Principal to address the common issues. The management is decentralized as coordinators manage the course in consultation with the Principal. Management of the college encourages college development and overall student progression. The management is proactive and has given adequate powers to the Principal to manage the college. Principal conducts regular meetings with HOD and Coordinators to share and disseminate information.

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

No

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	The curriculum is as per the university since institute is affiliated to Savitribai Phule Pune University. The faculty attends the curriculum development meetings conducted by University and give the suggestion and feedback. The faculties teach the theory and practical as per the university syllabus. Along with the regular theory and practical subjects the syllabus also provides elective subjects, audit courses, open electives, project based learning.
Teaching and Learning	process is followed. Academic calendar will be prepared at the start of the semester. Teachers use different online/offline methods for teaching to students. The college faculty has created You-tube lectures and made available 24x7. The faculty using new teaching pedagogy like Project Based learning, model based learning etc.. Faculty and students are motivated to register and complete the NPTEL courses . The college has computer center center which offers programs in computer technology. The Institute

	organizes different workshops on different topics to enhance the subject knowledge. The faculty attended the workshops conducted by University for teaching methodology on revised curriculum.
Examination and Evaluation	Results are announced within 15 days for the internalexams conducted at institute level. We conduct exams as per the schedule of our affiliated university. As soon as we recive the results from university we display results to students
Research and Development	Institute motivates the faculty and students for RD work. Faculties are advised to do PhD. Institute has well established library containg many journals and reference books. Also Institute offers incentives for attending many workshops for students and faculty. The institute also suggests to publish their work, attend the conferences and workshops. Institute arranges the expert lectures different areas, to identify the technical problems and to make interaction with experts. Institute also provides support for development work as and when required.
Library, ICT and Physical Infrastructure / Instrumentation	The institution has library facility for faculty, students. The Library has many reference books journals. The library is supported by Digital library which is also upgraded by e-journals, e-books and other e-learning material. The student can access e-learning material. Faculty has given the freedom to use any book required for his/he academic uses.
Human Resource Management	The required manpower is managed by the management as per the requirement. The college has selection and promotion policies. Institute regularly advertise in leading newspapers for the appointments of human resources. Institute's recruitment procedure is open through internet media also. College has bus facility, canteen facility, hostel facility, PF for approved faculties.
Industry Interaction / Collaboration	The institute has a training and placement cell. Many companies comes to campus for reqruitment of students. The institute invites industrial experts for guidance to students about current technologies. The institute has MOU

	with many companies.
Admission of Students	Admissions of students will be done through CAP rounds as per the technical education board. the institute has a separate student section for carrying out the admission process of students as per the rles.

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

E-governace area	Details
Student Admission and Support	SLIM21, DTE Prtal
Administration	Talley, Biometric machine
Examination	SPPU Portal
Finance and Accounts	Talley

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
Nill	NA	NA	NA	0

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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	Faculty Development Program on Online Teaching	NA	08/07/2019	08/07/2019	35	Nill
2020	NA	Data preparation using Excel	07/01/2020	07/01/2020	Nill	15

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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
Syllabus	10	22/07/2019	22/07/2019	1

implementation program				
Scilab training program	4	20/04/2020	26/04/2020	7

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
73	73	32	32

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
EPF, Medical leaves, Maternity leaves,permission to attend Workshop/Seminar/Training programs,	EPF, Medical leaves, Maternity leaves,permission to attend Workshop/Seminar/Training programs, up gradation of education	training and placement, allows to attend workshops conferences, training programs for students

6.4 – Financial Management and Resource Mobilization

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

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them does a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. The institutional accounts are audited regularly by both Internal and statutory audits. The institute regularly follows Internal external financial audit system. This internal audit team has been functioning on a honorary basis and has been instrumental in setting up the financial controls and systems since the date of inception of the Institute in the year 2012 and brought in a methodical and organized approach to evaluate and constantly improve the financial management, devise strategies for protection from fraud and theft, compliance with laws and regulations, as well as the overall financial control process. The scope of the internal audit programme encompassed working of various compliances under appropriate laws and rules and regulations framed, sufficient systems and procedures are in place for adherence of institutional policies, physical verification of assets, consumables, stores, inventory, spare parts, and other assets, proper books of accounts, vouchers along with supporting documents are maintained, confirmation of balances from debtors, creditors and other parties are obtained periodically at the year end and proper systems and procedures are in place for internal control at the various department levels. The Statutory Auditor of the Institute who initially reviews the reports and observations made by the Internal Audit Team and the explanations given by the Accountant of the Institute. Taking into cognizance these observations, an exhaustive list of requirements is given for Compliance and submissions to the Statutory Auditor for completing the auditing of the Financial statements of the Institute and providing a realistic statement through his Audit Report that the books of accounts reflect a true and fair view of the operational activities And the financial position of the Institute

for the relevant financial year. The role of the Statutory Auditors included crucial impact factors like the Institute's financial reporting process and the disclosure of its financial information to ensure that the financial statement is correct, sufficient and credible changes, if any, in accounting policies and practices and reasons for the same major accounting entries significant adjustments made in the financial statements / books of accounts arising out of audit findings compliance with statutory requirements relating to financial statements disclosure of any related party transactions reviewing the findings of any matters where there is suspected fraud or irregularity or a failure of internal control systems to look into the reasons for delays in the payments / recoveries from / to creditors / debtors and carrying out any other function/s as deemed necessary in the capacity of Statutory 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
NA	0	NA

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6.4.3 – Total corpus fund generated

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	No	nil	Yes	Academic monitoring committee
Administrative	No	nil	No	nil

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

1. Parent teacher telephonic counselling 2. Students study and result discussion 3.Parents guardian faculty member discussion regarding academics

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

1. Training on data preparation using excel 2.Use of ZOOM application for online communication 3. Support for Up gradation of educational qualification

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

1.Initiative taken for additional 4 year BE Course in AIML 2. Initiative taken for TECHNOLOGY BUSINESS INCUBATOR Under Govt. of India MSME ASPIRE Scheme 3. Working for Self Efficient sustainable energy development

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
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
2019	Academic Monitoring Committee: Regular teaching activity observation	15/07/2019	02/09/2019	02/09/2019	35
2019	Faculty Development Program on Online Teaching	22/07/2019	22/07/2019	22/07/2019	35
2019	Encouraging faculties to attend online workshops	12/08/2019	22/08/2019	22/07/2020	30
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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
NA	Nill	Nill	0	0

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 college has installed solar panels on building terrace. About 20 percent of the total power requirements have been met by the renewable energy sources.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva	Number of initiatives taken to engage with and contribute to	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

ntages	local community						
Nill	Nill	Nill	Nill	Nill	NA	NIL	Nill

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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)
NA	Nill	NIL

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
NA	Nil	Nil	Nil

No file uploaded.

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

1.Plastic-free campus 2.Green Landscaping with trees and plants 3.Solid Waste Management: 4.Liquid waste management 5.E-waste management

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Institute in Industry. Objectives: To apply engineering/Management principles in an industrial situation. To demonstrate industrial procedures and practices. To describe the multi-disciplinary relationship in the industry. To demonstrate the personal and organizational skills in the industry. And To manage the work on site. The Context: Many graduates join the industry after their graduation and hence they must have exposure to the industrial practices. There is established the fact that any industry operates based on the engineering principles/application of different faculties/domain. Hence the graduate must understand and implement multi-disciplinary approach at work. The industrial practices shall establish the relevance of theory to practice. There are many hidden practices in the industry as related to the management of work. The industrial exposure will provide the graduates the experience of the values and ethics required in industry. The Practice:The institute has the workshop having industrial manufacturing facilities. Through these facilities, the tools and components are manufactured and supplied to the industries. The students of the institute are deployed in workshop having the industrial facilities. The students from a different branch of engineering attend the workshop during the practices/laboratory work and gain the experience of the industry. e.g. NESGI organizes CNC Training program/ workshop for mechanical engineering students in each academic year. Title of Practice:. X – Culture Objectives:We always give the best things to our students, students should get international exposure and awareness of international culture for their internal upliftment and assistant for overseas placements. The Context:With this inspiration, thirty students actively participated in X- culture program. As this is a continuous process, X- culture provides a unique research platform every semester to thousands of students in hundreds of global virtual teams. The participant gets longitudinal, multi-source, multi-level data for the study. X- Culture considers collecting new data or incorporating new experimental conditions for most interesting research proposals. a) International experience: complete a project in a team where each team member is from a different country. b) Business consulting experience: Solve a real business challenge for a real client company. c) Expand professional network: Meet Company CEOs, university professors, and professional peers from around the world. d) New knowledge and skills: Training in cross-cultural communication, online collaboration tools,

international business, business writing and presentation, and more.• e) Cultural intelligence: A documented significant improvement in cultural intelligence from before to after the project.• f) X-Culture Certificate and Recommendation Letter-You learn and grow. We provide documented g) Stronger resume and improved chances of a new starts-X-Culture experience make you a much stronger applicant for a stipend or job. The Practice: There are quality training and competitions among participants in X- culture. Every semester, thousands of students and professionals from over 40 countries take part in the X-Culture competition. For several months, they work together on business projects presented by corporate partners. The students work in international teams with peers from around the world. They solve real-life problems presented by real-life companies. In the process, they learn about other countries and cultures, learn how to collaborate online and work as a team. They compete, collaborate, learn the challenges and best practices of international business consulting Weekly report and progress is verified and even evaluated by group members Group members used various means of communications to communicate effectively such as Skype, what's app individually as well as in conference. Time zones and language is a barrier but effectively override by using various means of communication. Twenty-one students actively participated in X- culture programme. As this is a continuous process, X- culture provides a unique research platform every semester to thousands of students in hundreds of global virtual teams. Out of 21 students, 17 students complete it on merit. Certificates from X-Culture were awarded to students. As X – Culture activity provides an international platform where the students from different countries were working together having heterogeneous geographic culture as well as a barrier to working language. All these problems were known and already mindset of participants was prepared. Some means of communication is already discussed and made aware in participants, different time zones are the main barrier where students adjust a lot. Basically remote communication and data transfer utilities required for communication. Such as What's App groups, Facebook Accounts, Skype Accounts, Active Email communications Etc.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://drive.google.com/drive/folders/16gfA_OrtRnQbYngOfWJociTy_VrYRsrN?usp=sharing

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

Inline with institutions vision to establish the center for excellence in professional development and entrepreneurship development consequential of rural area NESGI offers skill-based programs such as graduate and post-graduate programs in engineering and management for building competent manpower to suit the ever-changing requirements in industry and business by supporting students for continual development through excellence, technology-based instructions and supporting students for overall development of personality in all domains. As per institute mission, the institute provides industry-based education and practical training to the rural base. NESGI had set up an industry in the campus for providing the center for excellence in professional and entrepreneurship development resulting in the enhancement of the rural area. The institute works for developing professionals and citizens, citizenship for rural development. For the continuous development of students, NESGI precisely develops an action plan for effective implementation of the curriculum by planning the academic schedule as per the university calendar. Academic planning is done keeping in view Institute Vision, Mission. Department Academic Calendars are prepared which include curricular, co-curricular and extra-

curricular activities. The processes are defined for executing academic activities as per the academic planning is done before the beginning of the year. The Course planning is done by faculty members which include course content, details of topics to be taught and numbers of working days, hours allocated to complete the topic. The execution and delivery of the course are regularly synchronized by Department HODs and Academic monitoring committee. The Institute has taken the initiative to start add-on courses to ensure all round development of students and their placement. The feedback system is followed in the NESGI, feedback is collected on curriculum, course content delivery, extension activities, faculty development, infrastructural facilities, Laboratory development and value addition of Departments from various students, faculties, management, stakeholders on the regular basis for the continuous improvement. The current curriculum of the affiliating university addresses Gender Equality, Environment and Sustainability, Human Values and Professional Ethics related issues across the various Programs offered e.g. Professional Ethic and Etiquettes, soft skills, energy audit management, industrial management and technology, environmental engineering and many more with this NESGI offers various activities for gender equality such as Rallies to Stop Violence against Women, Women Safety Awareness Program, Men against Gender Violence etc. Keeping in view the vision and mission towards rural area NESGI takes additional efforts for making students more sensitive towards Human values and offers social services in nearby rural area. NESGI organizes Blood Donation Camps, Tree Plantation programs as a part of human value activities. NESGI encourages students for conduction of different activities like Tree Plantation, Swachta Bharat Abhiyan and Road Show on Save the Rivers as a conscious effort and contribution towards environmental awareness.

Provide the weblink of the institution
https://drive.google.com/file/d/1LZQheEKWAEtRj7Fo8_lfsvtaZueD-H8Z/view?usp=sharing

8.Future Plans of Actions for Next Academic Year

1. To continue the present uniform OBE-based teaching and learning activities.
2. To implement project-based learning for SE students 3. To organize the Seminar/workshops on current technologies. 4. To start AIML 4 year BE courses 5. To strengthen institute industry interaction. 6. To prepare and submit AQAR report of 2020-2021