Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**JAGDAMBA EDUCATION SOCIETY'S S.N.D. COLLEGE OF ENGINEERING AND RESEARCH CENTER .BABHULGAON, YEOLA.**
Name of the head of the Institution	**Dr.Hari N.Kudal**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02559225011**
Mobile no.	**9284989741**
Registered Email	**sndcoe.principal@gmail.com**
Alternate Email	**drpmp66@gmail.com**
Address	**Babhualgaon,Taluka-Yeola,District-Nashik**
City/Town	**Yeola**
State/UT	**Maharashtra**

Pincode	**423401**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Kale R.S.**
Phone no/Alternate Phone no.	**02559225011**
Mobile no.	**9860305612**
Registered Email	**sandipakarale@gmail.com**
Alternate Email	**patil_pm@rediffmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://sndcoe.ac.in/iqac

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://sndcoe.ac.in/wp-content/uploads/2022/02/Academic-Clendar-18-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**C**	**1.61**	**2017**	**02-May-2017**	**01-May-2022**

6. Date of Establishment of IQAC	**02-Jan-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

Submissions of proposal under QIP to university	10-Jun-2019 60	540
No Files Uploaded !!!		

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!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	<u>View File</u>
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	<u>View File</u>
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)

Instruct and guide students for filed projects and arranged industrial visits, submitted proposal under QIP to university

No Files Uploaded !!!

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
Proposal for parking	Parking shed developed
Field projects, sponsored projects	Sponsored ship for projects achieved
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14. **Whether AQAR was placed before statutory body ?**	Yes

Name of Statutory Body	Meeting Date
College Development Committee	19-Dec-2019

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	2019
Date of Submission	08-Jan-2019
17. **Does the Institution have Management Information System ?**	No

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Part B

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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

Stage I: Before Commencement of Semester. The curriculum is prescribed by university and university declares academic calendar every year. The curriculum of the upcoming semester is made available to all faculty members and is also available at institute's website. The choice of the electives is taken well in advance from students by acquainting them to the elective subjects before the commencement of the semester well in advance the subject choice is collected from teachers. Based on the specialization, experience and their choice the subjects are allotted to respective teachers with discussion in staff meeting. The academic calendar, activity calendar and class timetable of forthcoming semester is prepared and conveyed to teachers and students after approval from principal. The course files are prepared/updated by respective teacher that contains course teaching plan, teaching material, and learning material. Lab Manual are prepared and supplied to the novices. Stage II: During Semester Effective implementation of curriculum is periodically reviewed by academic review committee. The academic review committee consists of Class coordinators, academic coordinator and department head. They take the review of the academics, academic progress of students and accordingly suggestions are provided orally. Mid semester feedback is collected from the students to know the know-how's of the subject being taught. If required corrective measures are taken to improve the performance: such as counselling/ mentoring of individual by HOD for any shortfall and improvements. In attendance monitoring process- subject teachers records the attendance during each lecture, class coordinator checks weekly, head of department checks and signs monthly and corrective measures are taken if required. The monthly status of attendance is conveyed to every student and the defaulter's attendance is posted to the parents. In semester, periodic exams are conducted to access the students on continuous

basis and results are declared. Remedial measures are applied for the weak students to pay the personal attention. For the final year Project the expert aquatints student in third year itself and all the guidelines are provided well in advance. As a part of curriculum third year students prepare and deliver the technical seminar on current trends, technology or exotic topics under the guidance of guide. The titles and domain for project are identified and finalized during first week of final year through rigorous process. The allotted guide monitors the progress of the project continuously and the log is maintained. Expert talks, technical event and industry visits are scheduled regularly to enhance the capabilities of the students Stage III: End Semester Conduct of end semester university examination Compilation of term work marks by concerned subject expert/department and submission to student section. Circulation of results after declaration by university Results are analyzed by Principal, Dean, HODs and corrective measures are taken, if required.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
--	--	Nil	0	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	business Analytics and Intelligence	25/06/2018
BE	Software Testing and Quality Assurance	25/06/2018
BE	Information Storage and Retrieval	17/12/2018
BE	Social Media Analytics	17/12/2018
BE	Data mining and Ware Housing	25/06/2018
BE	Software Testing and Quality Assurance	25/06/2018
ME	Data Mining	16/07/2018
ME	Cloud Security	16/07/2018
BE	Compilers	17/12/2018
BE	Cloud Computing	17/12/2018
ME	Web Mining	19/02/2018
BE	Finite Element Analysis	25/06/2018
BE	Automobile Engg	25/06/2018

BE	Advanced manufacturing Process	17/12/2018
BE	Industrial Engg	17/12/2018
ME	Energy Audit and Management	16/07/2018
ME	Financial management	16/07/2018
ME	Design of material Handling Equipment	19/02/2018
ME	Process Equipment Design	19/02/2018
BE	Architecture and Town Planning	25/06/2018
BE	TQM & MIS in Civil Engg	25/06/2018
BE	Hydropower Engineering	17/12/2018
BE	Construction Managment	17/12/2018
BE	Power Quality	20/06/2018
BE	High Voltage Engineering	24/12/2018
BE	Smart Grade	24/12/2018
BE	Electric Hybrid Vehicle	20/06/2018
ME	Advanced Power Electronics	20/07/2018
ME	Smart Grid Technology	20/07/2018
ME	EHV AC Transmission	15/02/2019
ME	Communication Protocl In SCADA Systems	15/02/2019
ME	Renewable Energy	20/07/2018
ME	Optimization Techniques	20/07/2018
ME	Economics and Finance for Civil Engineering	20/07/2018
ME	Plastic Analysis of Steel Structure	15/02/2019
ME	Safety Practices In Constructions	20/07/2018
ME	Retro Fitting Strategies for RC Buildings	20/07/2018

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

	Certificate	Diploma Course
Number of Students	Nil	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

Workshop In Latex	26/02/2019	47
Technical Quiz Competition	21/01/2019	35
Emerging Technology in Mechanical Engg	11/02/2019	52
Advance java Workshop	07/01/2019	57
Latex Workshop	11/02/2019	45
Soft Skill Training	17/09/2018	55
Personal Interview	08/01/2019	53
Business Quiz	11/10/2018	19
GD	25/10/2018	22
Extempore	22/11/2018	40
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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	Mechanical	8
BE	IT	8
BE	Civil	4
MBA	304 - Summer Internship Project	50
MBA	402 - Dissertation	49
No file uploaded.		

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
Formal mechanism to obtain feedback from students and stakeholders regarding Curriculum and related topics exist in the institute like, 1. Feedback is collected from students, parents, and alumina and industry persons aiming at the enhancement of curricula. These feedbacks are shared among the staff and further to office bearers and authorities during syllabus discussion and finalizations. 2. Dean, , HoDs and Senior faculties are involved in providing guidelines for consideration of this feedback during syllabus design.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Electrical Engineering	120	27	27
ME	Power Systems	24	9	9
BE	Information Technology	60	14	14
BE	Computer Engineering	60	42	42
ME	Computer Engineering	18	5	5
BE	Civil Engineering	60	13	13
BE	Mechanical Engineering	180	39	39
ME	Structural Engineering	24	16	16
ME	Design	18	4	4
MBA	Management	60	60	60
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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
2018	1615	192	142	20	162

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
102	102	5	19	4	8
[View File of ICT Tools and resources](#)					
[View File of E-resources and techniques used](#)					

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

Successful mentoring relationships go through four phases: preparation, negotiating, enabling growth, and closure. These sequential phases are built on each other and vary in length. Mentors are allotted to the students. Weekly meetings are conducted with the students by their respective mentors. During these meetings mentors serve as a thought partner for students on their academic journey and help empower students to become autonomous learners and agents of their own change. They express understanding of students aspirations and fears, and support their success by acting as an advocate for students best interests. The following points are focused in mentoring: Improve communication and personal skills, Develop leadership and management

qualities, Reinforce your own study skills and knowledge of your subject(s), Increase your confidence and motivation. Engage in a volunteering opportunity, valued by employers

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1615	142	1:11

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
142	Nill	Nill	Nill	4

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nill	--	Nill	--

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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	Electrical	1	17/10/2018	04/02/2019
BE	Electrical	2	10/04/2019	25/07/2019
BE	Mech	1	17/10/2018	04/02/2019
BE	Mech	2	10/04/2019	25/07/2019
BE	IT	1	17/10/2018	04/02/2019
BE	IT	2	10/04/2019	25/07/2019
BE	Comp	1	17/10/2018	04/02/2019
BE	Comp	2	10/04/2019	25/07/2019
ME	Comp	1	27/10/2018	06/02/2019
ME	Comp	2	30/04/2019	27/07/2019

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

Continuous Internal Evaluation(CIE) evaluation reforms • The CEO and Examination Committee schedules and executes the evaluation process with strict monitoring on regular basis. • The Principal also takes stock of the progress in weekly HOD meetings. • Internal squad comprising of senior faculty members oversees the smooth conduction of university theory examination. • CCTV cameras are deployed at exam cell and laboratories to monitor the online examinations. Internal evaluation reforms: • Each department has Examination Coordinator for smooth conduction of Internal Tests. The results of each test are strictly

declared within a week of the conclusion of the test. The students can see their respective answer sheets and discuss their queries with concerned staff.

- The term work evaluation is done by respective course teachers in the mid and at the end of semester. The students re notified about their performance evaluation of students is displayed on notice board through Continuous Assessment Report. Student can discuss any queries about CAR with the concerned teacher. Continuous Assessment The institute believes firmly in continuous evaluation of the students for their sustained performance. Hence a structured evaluation process has been designed and implemented. The tests are prepared and conducted as per the University examination pattern. To prepare students for practical and oral examinations, institute conducts mock Oral/Practical exams. The institute conducts two unit tests, Prelim Exam, Mock Online MCQ Tests and Mock PR/OR Exams appropriately as per the requirement of the concerned syllabi of different classes.

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

The academic calendar is a very useful document, which contains the most important dates to guide the teachers and students. Our academic calendars provide important information about teaching dates examination dates extra cocurricular activities, semesterbased and annual based examinations. Before the commencement of every semester respective departments prepare a detailed study plan, assignments for the individual teachers and the number of classes allotted to each course. On the basis of this the Routine subcommittee of the Teachers' Committee prepares a detailed timetable and academic calendar for the entire semester. Finally this is distributed to the departmental teachers and the students and also made available on college Website. The effectiveness of the process is maintained through effective monitoring by the Principal/Vice Principal. The Principal and Academic Dean with the help of HoDs sees to it that all departments follows academic calendar. The college has a vibrant culture of instilling inquisitiveness and scientific temper among the students through a number of activities.

2.6 – Student Performance and Learning Outcomes

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

https://sndcoe.ac.in/popsoco/

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
512410110	MBA	Management	50	38	76
5124212110	ME	Structural Engineering	9	7	77.77
512419110	BE	Civil Engineering	61	45	73.77
512424510	BE	Computer	40	38	95
512429310	BE	Electrical	133	126	94.73
512490110	ME	Power System	9	6	66.66
512424610	BE		49	49	100

512461210	BE	Mechanical	181	132	72.92
512424510	ME	Computer	9	4	44.44
5124601100	ME	Design	13	5	65

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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://sndcoe.ac.in/wp-content/uploads/2022/02/Servay_18_19.PDF

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	2	BCUD SPPU Pune	1	0.83

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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
--	--	

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
--	--	--	Nill	Nill

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
--	--	--	Nill	Nill	Nill

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
--------	Nill

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electrical Engineering	20	4
International	Civil Engineering	4	3
International	Computer Engineering	8	3.5
International	Mechanical Engineering	52	1

No file uploaded.

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
-------	Nill

No file uploaded.

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

Title of the 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
-------	----------	--------	Nill	0	------	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
Design of Performance Analysys of Three Phase PV Integrated UPQC	Dr. Tapre P. C.	IRJET	2019	4	2	SND COE and RC Yeola
HPSOSSA Enhancement of Dynamic Stability By Optimal Placement of UPFC	Dr. Tapre P. C.	Journal of Computational Mechanics Power System Control	2019	4	1	SND COE and RC Yeola

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

Number of Faculty	International	National	State	Local

Attended/Seminars/Workshops	Nill	Nill	12	Nill
Presented papers	10	Nill	Nill	Nill

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Tree Plantation In campus	National service scheme	2	15
Kargil Vijay Diwas	National service scheme	2	50
Independence Day	National service scheme	3	150
Tree Plantation Ankai Fort	National service scheme	3	10
Gandhi Jayanti Day Celebration	National service scheme	4	50
Special Camp	National service scheme	3	25
Republic Day	National service scheme	15	100

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 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
------	---------	---------	Nill

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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 activites	Number of students participated in such activites
National service scheme	National service scheme and Kotamgaon Gram Panchayat	Swachhta Abhiyan at Riverside in Kotmagaon	2	50

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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

Expert Lecture on Architectural Planning and Design of Building	SE and TE Civil Students	Institute	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
Visit	Industrial Visit	Bhandardara Dam	31/08/2018	31/08/2018	53
Vist	Industrial Visit	Hydro Power Plant Nilvandi Dam	31/08/2018	31/08/2018	53
Visit	Industrial Visit	Bridge Engineering Workshop Manmad	09/10/2018	09/10/2018	51
Visit	Industrial Visit	Water Treatment Plant Thane	23/02/2019	23/02/2019	35

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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
LoTech Pro Pvt Ltd Nashik	01/08/2018	Training and Internship	40
LoTech Pro Pvt Ltd Nashik	13/07/2018	Two Days Workshop On Automatic and manual Software Testing	45

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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
190.3	285.5

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added

Seminar halls with ICT facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	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
e-Library Manager	Partially	2.0	2011

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	7041	2289301	134	80960	7175	2370261
Reference Books	12558	3196377	391	269515	12949	3465892
e-Books	250	28500	150	25000	400	53500
Journals	603	1791904	Nill	Nill	603	1791904
Digital Database	1	74000	1	13570	2	87570
CD & Video	250	28500	150	25000	400	53500
Library Automation	1	11500	Nill	Nill	1	11500

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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
-	-	-	Nill

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	524	21	21	21	21	3	8	40	0
Added	0	0	0	0	0	0	0	5	0
Total	524	21	21	21	21	3	8	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
SND COE and RC Educational Online Lecture Series	https://sndcoe.ac.in/

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
95	80	97	124

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)

Laboratory: Record of maintenance account is maintained by lab technicians, Lab In charge and supervised by HODs of the concerned departments. Library:- 1. The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized list of required books is duly approved and signed by the Principal. 2. Suggestion box is installed inside the reading room to take users feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. 3. To ensure return of books, 'no dues' from the library is mandatory for students before appearing in exam. 4. Other issues such as weeding out of old titles, schedule of issue/ return of books etc. are chalked out / resolved by the library committee. Sports: - Regarding the maintenance of sports equipment the college sports in charge is deputed. He monitors the sport activities which are held in campus and out of campus. Computers: - 1. Centralized computer laboratory established to enrich the students. 2. Each Department having appropriate computer for their requirements. 3. Internet and WIFI Enabled campus. 5. Open access journals facilities are available. ? Classrooms: - 1. The college has various committees for maintenance and upkeep of infrastructure. At the departmental level, HODs submit their requirements to the Principal regarding classroom furniture and other. 2. Administrative officers will take in charge for student's academic requirements.

http://www.sndcoe.ac.in

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	---------	0	0
Financial Support from Other Sources			
a) National	---------	Nill	0
b)International	----	Nill	0

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Be a Marketing King	12/03/2019	42	Department Level
Investment banking and corporate finance	05/02/2019	25	Department Level
INTRICACIES OF SENSEX NIFTY AND VOLATILITY	21/12/2018	27	Department Level
CASE ANALYSIS AND DEVELOPMENT	19/10/2018	38	Department Level
Soft Skill Program	17/08/2018	60	Department Level
Remedial Coaching	03/09/2018	8	Department Level
How to Solve Aptitude Test	11/02/2019	35	Department Level
Yoga Day	21/06/2019	26	Department Level
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	GATE Awareness Program	45	45	Nill	Nill
2019	Aptitude Test	47	53	Nill	Nill
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed

| LogiPro Solutions Pune | 3 | 2 | Meta Energy Pvt Ltd Pune | 1 | 1 |

[View File](#)

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	2	SND COE and RC	MBA	SND COE and RC	MBA dual specialization
2018	2	SND COE and RC	Electrical Engineering	SND COE and RC	ME Electrical Power System
2018	1	SND COE and RC	Civil Engineering	SND COE and RC	Structural Engineering

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

Items	Number of students selected/ qualifying
Nill	Nill

No file uploaded.

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

Activity	Level	Number of Participants
Cultural Activity	Institute Level	50
Sports Carrom	Institute Level	6
Social Activity	Institute Level	10
Rangoli Mehandi	Institute Level	4
Sports - Cricket	Institute Level	29

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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
Nill	-----	Nill	Nill	Nill	Nill	Nill

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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)

Cultural and Sports Committees: Students have strong representations in all cultural and sports and games committees and help in organization and management of events. Hostel Administration: Students provide strong support in the administration and management of hostel affairs. Each hostel has a Captain,

Vice Captain, Mess Committee, Cultural Committee, Sports Committee and Cleanliness Committee. Students manage the entire functioning of the cooperative mess and organize extra-curricular events and competitions throughout the year. Organization of Special Events: Students organize, and celebrate the National Teachers Day, on 5th September every year by honoring senior teachers and presenting cultural programmes, celebrate Engineers day on !5th September by felicitating the engineers(faculty) who publish their papers in reputated journals and attend conferences. Intra-faculty and inter-faculty cultural and sports competitions, National celebrations that include, Independence Day, Republic Day, Science Day and various NSS and social service activities. Jamboree and Techfeast: Students organized Techfeast on 12 February 2020, various technical events are organized by the students on this day. They also organize Jamboree, an annual Cultural Fest that involves a variety of innovative competitions, guest lectures and games. The above activities enhance their communication skills, management skills, leadership skills, team-work, time-management, resource management skills and builds confidence in each student.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

00

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 Institution has adopted the decentralization and participative management in the process of academic and administration. The Top management gives generous freedom and flexibility to the Principal together with the academic council to lead all the academic activities of the college. They regularly meet and take necessary steps to formulate and implement the perspective plan of the institution. As part of quality improvement and quality initiative the institution and its concern IQAC and College Development Committee and other statutory Committees continuously work on quality improvement. In the beginning of academic year all faculty members conduct a meeting and discuss the smooth functioning of the institution. Various committees are constituted and responsibilities are assigned to them. Committee Chairman and members of the committee report to the principal and IQAC about the planning and implementation of the decision. They get the feedback from all the stakeholders of the institution and take steps for further improvements as far as they are within the capacity and recommend the management for further corrective action. The Administrative and academic duties are controlled by the Principal of the Institution. Head of the department works under the guidance of the Principal and Internal Quality Assurance Cell. The Heads of the Department are given specific duties and responsibilities to attend the day to day routine work.

Every faculty member is involved in the various academic and administrative or other statutory and non-statutory committee. Internal Quality Assurance Cell monitors the academic and administrative activities. Mentorship is introduced in all the departments and it is effectively monitored by the Principal. The Management of the Institution prioritizes in ensuring the quality level of faculty members during appointment. 1. President (SNDCOE RC) 2. Board of Trustee 3. Principal 4. Internal Quality Assurance Cell 5. Departments and Heads of the Departments 6. Examination 7. Research Committee 8. N.S.S and Sport 9. Discipline Committee 10. Anti- Ragging Committee

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
Library, ICT and Physical Infrastructure / Instrumentation	New resources have been added to the library, ICT and laboratories
Curriculum Development	The faculty is contributing for Quality Improvement directly or indirectly. Many of the faculties are involved in Conduction/attending FDPs for the implementation of syllabi at university level. Few of the faculties are members of the bodies and participate/lead actively in curricular activities.
Teaching and Learning	In continuation with our policies and practices we always try to enhance the teaching learning process. We organize/attend various content enrichment programmes contributing to the learning. Staff has to appear for NPTEL course and many of the staff have secured higher ranks in various subjects
Examination and Evaluation	All the eligible faculties are involved in the examination and assessment processes. The staff carry out the tasks with integrity and honesty
Research and Development	Institute has recently established the Incubation centre to promote research activities. The aspirant teachers for Ph.D. are guided in-house by the experienced faculty. The staff has been promoted for career advancement and specialized skill development.

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

E-governace area	Details
Examination	Affiliated university has provided web links for online exam form filling,

	question paper download, online examinations, revaluation and photocopy, and declaration of results
Administration	To achieve the target of Paperless IQAC committee members of it started using Google facilities College staff uses smartphone with inbuilt social app like Gmail to communicate.
Finance and Accounts	Online payment of fees through portal
Student Admission and Support	All processes are followed as per guidelines provided and web links provided by government

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	-------	-----------	------	Nill

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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)
Nill	--------	------------	Nill	Nill	Nill	Nill

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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
--------------------------	Nill	Nill	Nill	0

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
72	70	Nill	97

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
....	....	SNDScholarship

6.4 – Financial Management and Resource Mobilization

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

SND COE and RC has full fledged accounts department. For every financial year, internal audit audit has been carried out by the accounts department in supervision of Finance Manager and Internal Auditor. External auditing has also been carried out by the authorized chartered Accountant at the end of financial year to ensure the transparency in the transactions and financial procedures adopted by the Institute.

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
------	0	0
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	Academic Deans and Heads of Department
Administrative	No	Nill	Yes	Principal and Heads of Department

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

1. Regular communication by Class Teachers and Head of the Department 2. Yearly Parent Teacher Meets 3. Communication at end of semesters by Head of Departments

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

1. FDP for Staff 2. Improvement in staff College Facilities

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

1) NPTEL FDP course is mandatory for all teaching staff. Atleast one course is completed per semester. 2) Coursera courses are mandatory for teaching staff. 3) For E-learning Video lecture series have been prepared by staff for their subjects.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes

	d)NBA or any other quality audit		No		

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
Nill	-------	Nill	Nill	Nill	Nill

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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
Nirbhaya Kanya Abhiyan	14/02/2019	16/02/2019	275	Nill
International Womens Day	08/03/2019	08/03/2019	235	30

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
Solar panel has been installed in the campus which is being used as a renewable source of energy to generate power.

7.1.3 – Differently abled (Divyangjan) friendliness

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

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
2018	1	1	17/10/2017	01	Workshops on English Communication Skill for the local girls who have come from rural	To bring them main stream	75

				back ground	

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	18/06/2019	1. Always be punctual in attending to duties in the college. 2. Treat all students with respect and dignity and be just and impartial to all irrespective of caste, creed, sex, status, religion, language and place of birth 3. Acknowledge and respect the uniqueness, individuality and specific needs of pupils/students and promote their holistic development 4. Refrain from accepting remuneration for coaching or tutoring his/her own students except for remedial teaching under an approved scheme 5. Seek to establish and maintain cordial relations with parents/ guardians

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree plantation	24/06/2019	28/06/2019	27

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

1. To promote use of renewable energy, Solar panels and Grid have been installed. 2. Solar water heaters are installed in the hostels in the college campus 3. College construction allows for natural ventilation and lighting throughout its campus which helps conserve the energy demand 4. Large green area of the college campus allows for percolation of water into the soil thereby facilitating recharging of underground water reserves. 5. Generating awareness for water conservation, energy conservation and cleanliness through NSS camps 6. Energy efficient pumps and energy efficient LED lights have been installed

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Aptitute Training to students: • To make the students capable for competitive exams. • To enhance conceptual knowledge of students in particular course and disciplines through instructions particularly for solving novel problems in the

respective area. • To improve thinking skills to generalize as well as to standardize the methods and concepts to other applications. • To develop systematic methods for learning from problem sets, including: how to apply and transfer conceptual knowledge identify common obstacles and errors and contextualize individual problems within the themes and concepts of the course. Earn Learn Scheme • To give benefit to the students coming from the rural areas and who are economically backward, intelligent, needy and financially hard pressed. • To develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society. • To increase skills of beneficiary students in areas of their study, office work, technical work and field work. • To enable needy students to earn every month to cope up with their expenses. • To prevent students from avoidable distractions and engage them in meaningful, positive activities Students have conducted different activities under professional club (SAEINDIA Collegiate Club) like Auto QUIZ, CATIA War etc. Industrial visits are also organized under ISHRAE student's chapter.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://sndcoe.ac.in/wp-content/uploads/2022/02/Best-Practices_18_19.PDF

7.3 – Institutional Distinctiveness

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

The Institute since conceiving has been progressively incremental to establish the state of the art infrastructure. It is the need of time to keep the pace with the technological advancements and to satisfy this need we are trying our best to provide infrastructural facilities to make them enough potent and skillful. With that view we have adequate infrastructural resourses for the learners. Discipline is one of the fortes of our Institute. Any misconduct, mischievousness, unfair mean and unethical practices are always discouraged. The students venerate the ethics and values so as to march towards the engineering graduation with staunch ethical foundation with integrity. With the given curriculum and going beyond that, the course teacher always works with the determination to inculcate the learners with all aspects to make them armoured with information, knowledge and intelligence to solve given real world problem. Almost all teachers have at least 45 certification of NPTEL with outstanding performances. These certifications and additional training exposure tune them to understand and disseminate the modern technology to the focused learners. Frequent and wilful interaction of the faculty with the industry has established the bond to benefit the learners. Quite a few MoU are also signed in view of the progressive and coherent liaison with the Industry. This possible due to the uncompromising attitude towards systematic academics, adequacy of domain experts and tenacity of purposes. Under the leadership of the Principal, Institute is successful in attracting the appropriate and skilled human resource which is the backbone of the Institute. Once the student is admitted the institute nurtures him/her to become fit and cultured to compete the outside world. Dean academic and the authorities are always actively engaged in extending the duties for the betterment of the students. The institute has a diversified student strength and personal mentoring with active feedback system, help the students to develop. The engineers passing out from the institute definitely carry all the ?Sanskara of the institute contributing to the Vision, Mission and Quality Policies of the institute. Also, the faculty and the staff strive for the all round development aiming at the mission.Institute strives to become a center of excellence and credible center for learning. We are on the path of quantitative and qualitative progress. Starting with mere 180 intake for 3 undergraduate engineering

disciplines, we have scaled to 6 undergraduate, 5 graduate and 2 research streams with an intake excess of 650. With our tenacity of purpose and progressively focused efforts we aim to serve the society and emerge as one of the renowned educational hub in decades to come.

Provide the weblink of the institution
https://sndcoe.ac.in/wp-content/uploads/2022/02/InstitutionalDistinctiveness_18_19.PDF

8.Future Plans of Actions for Next Academic Year

1. To conduct seminars/webinars 2. To arrange training for entrepreneurship to students 3. To improve in the placement opportunities for students. 4. To conduct academic audit. 5. To improve in ICT enabled infrastructure. 6. To continue efforts towards eco-friendly practices 7. To strengthen the support for students for cultural and sports activities. 8. To conduct value add programs. 9. To organize skill based training to students and faculty.