Yearly Status Report - 2016-2017

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. Kudal H N**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**91808761281**
Mobile no.	**9860305612**
Registered Email	**sndcoe.principal@gmail.com**
Alternate Email	**sndcoe1.principal@gmail.com**
Address	**S.N.D. College of Engineering and Research Center, Tal. Yeola, Dist. Nashik (Maharashtra, India) Pin Code: 423401**
City/Town	**Yeola**
State/UT	**Maharashtra**

Pincode	**424101**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Prof. Sandip Karale**
Phone no/Alternate Phone no.	**02559225011**
Mobile no.	**9284989741**
Registered Email	**sndcoe.principal@gmail.com**
Alternate Email	**drpmp66@gmail.com**

3. Website Address

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

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://sndcoe.ac.in/iqac

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

Up gradation of IT infrastructure	11-Jan-2017 180	340
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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!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Up gradation of IT infrastructure 2. MoU With Various Corporate Sectors

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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
IT infrastructure facilities development.	Wifi facility heled students and staff to get facility on android devices.
Number of PCs should be as per the ratio.	The maintenance gets reduced.
Bandwidth should be increased.	Increase in browsing speed helped everyone for accessing and developing of e-recourses.

MoUs with Industries.	Helped students to get better exposer for recent trends and technologies in various sectors.
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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 ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2017
Date of Submission	13-Dec-2017
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

The institution follows the curriculum prescribed by the SPPU Pune. The curriculum is well transacted to the students by the concerned teachers. The institute plans for effective implementation of curriculum given by the university and its detail process as 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 prepared and conveyed to teachers and students after approval from principal. The course files are prepared and 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 reviews 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 counseling/ 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 th parents. In semester, periodic exams are conducted to access the student on continuous basis and results are declared. Remedial measures are applied for the weak students to pay the personal attention. For the fin year Project the expert aquatints student in third year itself and all t guidelines are provided well in advance. As a part of curriculum third year students prepare and deliver the technical seminar on current trend technology or exotic topics under the guidance of guide. The titles and domain for project are identified and finalized during first week of fin year through rigorous process. The allotted guide monitors the progress the project continuously and the log is maintained. Expert talks, technical event and industry visits are scheduled regularly to enhance t 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/entrepreneurship	Skill Development
--	-	Nil	Nil	-	-

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	--	Nill
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Cloud Computing	22/06/2016
BE	Geo Information Things	22/06/2016
BE	Information retrial	26/12/2016
BE	Internet of things	26/12/2016
BE	Power Quality	22/06/2016
BE	Electric hybrid vehicles	22/06/2016
BE	High Voltage Engg	26/12/2016
BE	Smart Grid	26/12/2016
ME	Adnavced Power Electronuics	22/07/2016
ME	Smart Grid Technology	20/07/2016
ME	EHV Ac transmission	18/02/2017

ME	Communication Protocols in SCADA	18/02/2017
ME	Renewable Energy	20/07/2016
BE	Automobile engg	26/12/2016
BE	Industrial Engg	26/12/2016
BE	Finite Element Analysis	26/12/2016
BE	Design of pump,Blower and Compressor	26/12/2016
BE	Tribology	22/06/2016
BE	Engergy Audit and management	22/06/2016
BE	Reliability engg	22/06/2016
BE	Advanced manufacturing process	22/06/2016
ME	Engergy audit amand amanagem,nt	22/07/2016
ME	finical management	22/07/2017
ME	Design of material handling Equipment	18/02/2017
ME	Process Equipment Design	18/02/2017
BE	Data Mining and Warehousing	22/06/2016
BE	Software Testing Quality Assurance	22/06/2016
BE	Compilers	26/12/2016
BE	Cloud Computing	26/12/2016
ME	IR and Web mining	20/07/2016
ME	Buiness Intelligence and Data mining	20/07/2016
ME	Cloud Computing	18/02/2017
MBA	Management	02/07/2016

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
INFERNO 2K!7	24/02/2017	65
Soft skill training	16/09/2016	60
Workshop on PHP	13/09/2016	64
Android Programming	01/09/2016	41

PL 3	14/02/2017	42
Android Application	06/09/2016	62
Debate	06/10/2016	24
Share Market Review	10/11/2016	19
Extempore	13/01/2017	9
GD	20/01/2017	14

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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	Information Technology	4
MBA	304 - Summer Internship Project	40

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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
Feedback form/formats are designed for the stakeholders. This includes faculty feedback, alumina feedback, student feedback, course exit survey, etc. Faculty feedback from the students for the respective course is taken twice in a semester on various teaching/learning aspects and it is analyzed by the HODs and corrective measures if any, are informed to the respective faculties for further improvements. Feedback about the infrastructural facilities is taken from the final year students at the end of the program for improving the lab facilities, if any. The feedback so obtained is analyzed for further improvement. Feedback from the parents is taken by interacting with them during Parent Teacher Meet. Feedback is taken from alumni for suggestions or improvements in the curriculum. Feedback from the final year students are taken for their suggestions in improving the curriculum and it is conveyed to the Chairman, BOS of the respective programmes of SPPU. Feedback from faculties are also taken for their suggestions in syllabus revision. Feedback is also collected from the companies. This feedback is discussed in meeting of training and placement cell. Three types of feedback are collected from the students named as teaching learning feedback, Student's Satisfaction Survey (SSS) and exit survey. a. Teaching Learning b. Students Satisfaction Survey c. Students Exit Survey Teaching Learning Feedback: The teaching learning feedback is collected from the students for each course once in a semester generally at mid of semester to understand the problems of the students and to collect the suggestions for corrective action. Initially the feedback was collected in an offline mode, now it is collected in online mode. Most of the students take the part in a feedback process anonymously. Key parameters of feedback are

preparation, explanation, communication skills, speed of delivery, regularity, clarity of concepts, classroom control and discipline, syllabus coverage, motivation for extracurricular and co-curricular activities, use of ICT, and use of pedagogy Students' Satisfaction Survey: The Sample Students Satisfaction survey is collected from senior students of each department generally from third year and final year students and a few samples from the other class students. The objective is to understand the quality of teaching learning, effectiveness of administrative processes, the expectations of the students about the facilities and view of the students about extra-curricular and Co-curricular activities conducted and their satisfaction about the placement cell activities. Graduation Exit Survey: The feedback is collected from the final year students after the completion of the program. This activity is run by the departmental head at the department level. The feedback form has been designed in such a way that it can contribute for the computations of the specific POs and PSOs. The parameters used in the exit survey feedback are career planning, usefulness of training provided during pre-final and final year for placement, impact of the study of Mathematics and Sciences studied in solving engineering problems, whether students are able to analyze a problem and formulate the engineering requirements appropriate to its solution, whether students are able to self-learn new tools, languages.

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	Civil Engineering	60	30	30
ME	Structural Engineering	24	18	18
BE	Mechanical	180	43	43
ME	Design Engineering	18	12	12
BE	Information technology	60	18	18
BE	Computer Engineering	60	Nill	Nill
ME	Computer Engineering	18	7	7
MBA	Management	60	59	59
BE	Electrical	120	23	23
ME	Electrical Power System	24	19	19
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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	Number of fulltime teachers available in the institution	Number of teachers teaching both UG and PG courses

			teaching only UG courses	teaching only PG courses	
2016	1862	237	99	3	8

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
106	87	5	16	4	5
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

In SND COE and RC , mentoring (Tutor) system has been introduced for establishing a better and effective relationship between student and teacher and also continuously monitor, council and guide students in educational and personal matter. All teachers work as mentors (Tutors) for students allotted to them. The students must feel to confide in their mentors. This is a continuous process till the end of academic career of student. The aim of student mentor-ship is – 1. To develop teacher – student relationship. 2. To improve student's academic performance and attendance. 3. To curtail student's dropout ratio. 4. To monitor the student's regularity and discipline. 5. To enable the parents to know about the performance of regularity of wards. The IQAC had taken the initiative of implementing the mentoring of students. Students are based on the streams of studies and also according to their core subjects. They are divided into groups of 20-30 students. Mentors (Tutors) maintain and update the mentoring format after collecting all necessary information. Mentors (Tutors) are expected to offer guidance and counseling as and when they required. It is the practice of mentors (Tutors) to meet students individually or in groups. In isolated cases parents are called for counseling and their special meeting with the principal at the suggestion of the mentor. If a student is identified as having weakness in particular subject, it is duty of mentor to apprise the concerned subject teacher. At least 3 to 4 meeting are arranged by mentors (Tutors) for their mentee in each semester. Though, the system has only been implemented in the last few years, significant improvement int he teacher – student relationship is observed. This system has been useful in identifying slow and advanced learner ad through a careful examination of each mentors report the college has organized 'Remedial Classes' in identified topics. HOD will meet all mentors (Tutors) of his/her department at least once in a month to review paper implementation of system. Advice mentors (Tutors) wherever necessary. Type of mentoring done in SNDCOE and RC is 1. Professional Guidance – Regarding professional goals, selection of career and higher education. 2. Career Advancements – Regarding self-employment, entrepreneurship development, opportunities, morale, honesty, integrity required for career growth. 3.Coursework Specific – Regarding attendance and performance in present semester and overall performance in the previous semester. 4.Lab Specific – Regarding Do's and Dont's in the lab. Outcomes of the system a. The attendance percentage of the students has increase to greater extend. b. The number of detainment of students has decrease consistently. c. Due to direct communication between mentor and the student, there was good improvement in student-teacher relationship.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2099	106	1:20

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
140	106	34	9	3

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
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
MBA	Management	1	08/12/2016	29/01/2016
BE	Computer	2	27/04/2017	17/07/2017
BE	Computer	1	27/10/2016	14/02/2017
BE	Mechanical	2	27/04/2017	17/07/2017
BE	Mechanical	1	27/10/2016	14/02/2017
BE	IT	2	27/04/2017	17/07/2017
BE	IT	1	27/10/2016	14/02/2017
ME	Power System	1	21/11/2016	13/02/2017
BE	Electrical	2	27/04/2016	17/07/2017
BE	Electrical	1	27/10/2016	14/02/2017

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

SND COE and RC is affiliated to SPPU, Pune and follows the Examination pattern of the university. SPPU guidelines are strictly adhered to with respect to evaluation process. One internal test is conducted at Institute level. The schedules of internal assessments are communicated to students and faculty in the beginning of the semester through institute academic calendar which is prepared based on the university academic calendar. The institute has reformed the continuous internal evaluation system from faculty centric to student centric. The Institute Exam cell framed guidelines for conducting the CIE in line with calendar of the SPPU and the Institutions. As per the guidelines, the following reforms have been carried out effectively conducting CIE: • Scheduling of Internal Examination, Seating arrangements, hall invigilators listed for every examination. • Preparing the question paper for the internal examination in the prescribed pattern based on Knowledge level using revised Bloom's taxonomy. • Scrutiny of the prepared question paper is carried out by HoD/ Subject expert to ensure quality of the Question paper. • Monitoring the attendance of the students for the Examination. • Internal Assessment has to be carried out within the stipulated time. • After completion of the internal examination, the faculty evaluates the answer scripts and distribute to the students for doubt clarifications or re-correction. The faculty submits the re-corrected scripts to the examination branch Dend marks are displayed on the notice board. • Result review meetings are conducted with result analysis and the remedial actions for further improvements are arrived after discussion with faculty, HoD and Principal. The evaluation for theory courses are assessed in ISE and ESE modes (30 : 70) covering internal and university examinations. The

evaluation for laboratory courses are assessed in the similar pattern followed for theory courses. For each laboratory sessions, the student is assessed through viva questions, observations. The evaluation for project course is assessed by conducting periodical project reviews covering key parameters like problem formulations , understanding of the project, presentation skills, communication of ideas , technical knowledge , team work and project management. The project review committee organizes review meetings to assess the progress of all the project batches. Performance of the students in Internal Assessment is used for Faculties to identify slow and advanced learners in their respective subjects. Slow Learners are encouraged to improve their performance in future by counseling. Counseling Sessions are used to sort out the personal issues, academic and non-academic problems.

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

Institution prepared a Calendar as per the scheduled prescribed by the affiliating university for implementation of Curriculum and participation in Extracurricular and co-curricular Activities. As per university rules and regulation academic activity run in college throughout the year. At the beginning of session institution prepared an academic calendar to organise the curricular and extracurricular activities in the institution. In academic calendar institute adhered to available working days, short and long Holidays, National Public holidays, Admission process, Semester wise Teaching Plans, Tentative University Examination days of semester, Tentative practical examination days, allocation of Internal Assessment work i.e. Seminar activity, Project Assignment, Theory Assignment , Class tests, Practical assignment, Submission of Internal Assessment work, ICT Lectures, Guest Lectures, Celebration of National Science day, Celebration of various Birth and Death Anniversary, celebration of weeks like wild life, sampling plantation etc. and special days, Departmental unit tests, Educational tour, Departmental stock verification, various Literacy days, Awareness Programmes and rallies, organising workshop / seminar activity are planed month wise and makes implementation on it. As per academic calendar Institution follows all the related curricular, Co-curricular and Extra-curricular activities for the better academic work, As per academic calendar institution Participated in the Extra- curricular activities like participation Athletics, participation in Youth Festival, Participation Inter-collegiate sport competitions like cricket, kabaddi, chess, badminton table tennis organised by the affiliating university. Besides this institute arrange some curricular and co-curricular actives casually as per the guidelines suggested by the State Government of Maharashtra and Central Government time to time. Institute tries to run all the activities as per the academic calendar but some time due to circumstances some events scheduled gets change.

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	40	25	62.50

512424610	BE	Infomration Technology	43	43	100
512424510	BE	Computer Engineering	76	72	94.73
512424510	ME	Computer Engineering	13	10	76.92
512429310	BE	Electrical Engineering	115	108	93.19
512490110	ME	Power System	18	10	55.55
512461210	BE	Mechanical	227	196	86.34
512460110	ME	Design Engineering	19	17	89.47
512419110	BE	Civil Engineering	70	60	85.71
5124212110	ME	Structural Engineering	18	11	61.11

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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.docx

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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!		

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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!					

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
Civil Engineering	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Electrical Engineering	5	02
International	Electrical Engineering	5	02
International	Computer Engineering	7	3.5
International	Information technology	1	02
International	Mechanical Engineering	5	01
National	Civil Engineering	2	1.5
International	Civil Engineering	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
Electrical Engineering	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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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
No Data Entered/Not Applicable !!!						

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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	10	1	Nill	Nill
Attended/Seminars/Workshops	4	Nill	2	2

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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
Orientation Program of NSS student	National service scheme	1	50
Tree Plantation	National service scheme	2	100
Swachatta Abhiyan	National service scheme	4	400
Special winter camp	National service scheme	3	30
Blood Donation Camp	National service scheme	2	50
Voting Awareness Program	National service scheme	2	70
VISAKA Program	National service scheme	4	70

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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
No Data Entered/Not Applicable !!!			
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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	Cleaning activity of Yeola Gramin Location like Yeola Bus Stand	4	200

		and Tahasil ground			

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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
No Data Entered/Not Applicable !!!			

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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 at Nilwande Dam**	**Irrigation Department Govt of Maharashtra**	**06/04/2017**	**06/04/2017**	**42**
Visit	**Industrial Visit**	**Paranjape Construction**	**23/03/2017**	**23/03/2017**	**41**
Visit	**Industrial Visit**	**Gargoti Museum**	**11/02/2017**	**11/02/2017**	**43**
Visit	**Industrial Visit**	**Irrigation Department Govt of Maharashtra**	**20/09/2016**	**20/09/2016**	**37**
Visit	**Industrial Visit**	**Railway Department Govt of India**	**21/09/2016**	**21/09/2016**	**37**

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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
ARETE Tech Nashik	**31/03/2017**	**Workshop**	**48**
Joshi Wavikar Associate Nashik	**17/08/2016**	**Internship and final placement**	**4**

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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

19150000	31638038

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
e-Library Manager	Partially	2.0	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	5771	1500000	561	200000	6332	1700000
Reference Books	10137	3545226	1500	623038	11637	4168264
e-Books	200	25000	20	1000	220	26000
Journals	396	1216924	103	315888	499	1532812
e-Journals	3	524349	Nill	Nill	3	524349
Digital Database	1	51000	1	11500	2	62500
CD & Video	200	25000	20	1000	220	26000
Library Automation	1	11500	Nill	Nill	1	11500
Others(specify)	1	Nill	Nill	Nill	1	Nill
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module	Date of launching e-

Nikam P.A	PPT	Google Drive	01/07/2016
Kasliwal S.S	PPT	Google Drive	01/07/2016
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	500	21	21	21	21	2	8	16	0
Added	0	0	0	0	0	0	0	0	0
Total	500	21	21	21	21	2	8	16	0

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

16 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
Geotech	https://pravinnikam.gnomio.com/#google_vignette
Fluid Mechanics - 1	https://pravinnikam05.wordpress.com/2020/07/31/properties-of-fluids/
Structural Design - 3	https://www.youtube.com/watch?v=5vu5GANnTl8
Architectural Town Planning	https://www.youtube.com/watch?v=JXXyC5-c5BM
Building Material and Construction	https://www.youtube.com/watch?v=5GkDE9e5wJc

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
200	31068641	301	39913058

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)

SND COE and RC ensures optimal allocation and utilization of the available financial recourses for maintenance and upkeep of different facilities by

holding regular meetings of various committees constituted for this purpose and using the grants received the college as per the requirements in the interest of students. • Laboratory: Record of maintenance account is maintained by lab technicians, Lab In charge and supervised by HODs of the concerned departments. • Maintenance of laboratories are as follows:- The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises. •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. 5. E Library Manager software is used in Library. • Computers: - 1. Centralized computer laboratory established to enrich the students in First year department. 2. Each Department having appropriate computer for their requirements. 3. Internet and WIFI Enabled campus. 4. Open access journals facilities are available. • Classrooms: - 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. • Additionally: - 1. There is a lab assistant in every laboratory, who maintains the stock register by physically verifying the items round the semester. 2. Department wise annual stock verification is done by concerned Head of the Department. 3. Regular maintenance of Computer Laboratory equipment's are done by Laboratory Assistant along with the faculty incharge. 4. Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns is done by Institute concern Employees. 5. College campus maintenance is monitored through regular inspection. 6. Upkeep all facilities and cleanliness of environment in men's and women's hostel is maintained through Hostel monitoring committee. 7. Outsourcing is done for maintenance and repairing of IT infrastructure such as computers, internet facilities including Wi-Fi and broadband. 8. Outsourcing is done for the maintenance of wooden, furniture, electrification, and plumbing. 9. Regular maintenance of the water cooler and water purifier is done regularly. 10.The maintenance of the reading room and stock verification of library books is done regularly by library staff.

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	SND Scholarship	1112	15644498
Financial Support from Other Sources			
a) National	0	Nill	0
b)International	0	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	Date of implemetation	Number of students	Agencies involved

enhancement scheme			enrolled	
Challenges in Distributing Services through Online Channels	06/03/2017	27		Department Level
Cashless Economy	28/02/2017	43		Department Level
Research Methodology	01/10/2016	45		Department Level
Rural Marketing	09/09/2016	21		Department Level
Remedial coaching	21/12/2016	22		Department
Personal counselling and mentoring	22/08/2016	78		Department
career Guidance Program	01/09/2016	34		Department
Remedial Coaching	18/10/2016	60		Department
Soft skill	08/09/2016	80		Department
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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
2016	Career guidance	70	70	Nill	Nill
2016	Career guidance guest lecture	40	40	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
14	3	2

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
Datamatics Nashik	50	1	HCL tech Banglore	20	1
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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
2016	1	SNDCOE RC	Civil Engineering	Sandip Univesity	ME Transpo rtation Engineering
2016	4	SNDCOE RC	MBA	SNDCOE RC	MBA dual s pecializatio n
2016	1	SNDCOE RC	Mechanical	PVG	MBA
2016	5	SNDCOE RC	Electrical	SNDCOERC	ME power System
2016	1	SNDCOE RC	Computer Engineering	SNDCOERC	ME Computer

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

Items	Number of students selected/ qualifying
GATE	1

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

Activity	Level	Number of Participants
Sport (Badminton)	Institute	20
Cultural Program	Institute	35
Sport(Cricket)	Institute	25

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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
No Data Entered/Not Applicable !!!						
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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)

As per the directions of the university the student council is formed. Institute has a Student Council made of college topper from all departments. The executive committee is formed amongst them like UR, CR, LR, SS, etc. • Selection: Till last year the selection process was to collect the forms from eligible students (Eligibility criteria is that the student should have cleared all the subjects of the previous year) and interviewed for the respective post. • Student Constitution is formed as follows: a. Principal b. Principal nominated faculty (Student Council Faculty Coordinator) c. Physical Director d.

NSS Program Officer e. Three Academic Toppers (F.E., S.E., T.E.) f. Cultural Student Coordinator g. Sports Student Coordinator h. NSS Coordinator i. Principal nominated two Ladies Representatives • Funding There is no any funding from any government body. The institute bares the responsibility of all expenses. • Activities The Students' Council organizes many activities through its representative's viz. Sports coordinator, cultural coordinator and NSS coordinator. The associations conduct the activities under the guidance of the faculty representatives. The College makes budgetary allocations for student activities. The following are the activities generally undertaken by the departmental associations: • Expert Lectures • Technical Talks • General and Technical Quiz • Aptitude Tests • Workshops • Group Discussions Details of various academic and administrative bodies that have student representatives on them. • Student Council • Student Chapter • Anti-ragging Committee • NSS (National Service Scheme) • Departmental Students Associations of each Department • Cultural committee • Festival Committee • Discipline committee • All the departments are having their student associations. The objective of the association is to encourage and motivate the students in co- curricular and extra-curricular activities apart from academics. The names of Departmental associations are enlisted below: 01 Information technology Society of Information Technology Engineering Students (SITES) 02 Computer Engg Association of Computer Engineering Students (ACES) 03 Civil Engg. Civil Engineering Student Association (CESA) 04 Mechanical Engg. Mechanical Engineering Student Association (MESA) 05 E TC Engg. Expressive leaguer for inspiring telecom engineer(ELITE) 06 Electrical Electrical Engineering Student Association (EESA)

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

No Data Entered/Not Applicable !!!

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

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)

SND COE and RC follows the Professional Management approach in managing the Institutions. The Professional Management aims at implementing the concept of innovativeness in managing the academic and administrative matters. The Institutions always believe in the practices of decentralization and participative management. Practice of Decentralization is having own significance in the management. It reflects the policy decision making, planning and administration, and office management. Management and Administration is responsible for quality initiative to promote education to all sections. The Institutions enhance the quality at various levels - Management, College Development Committee, Governing Council, Principal, IQAC Committee, NAAC steering Committee, Administrative and Non teaching Staff ,

NSS, all the stakeholders involve in the decentralization and participative management all are working together for efficient functioning of the Institutions. 1. Management: The Institution promotes a culture of decentralization and participative management involving all types of stakeholders in the process of decision making. The management always believes in decentralisation and participative management. The management endeavours best substantial independence to the Institutions in all area of decision making process. 2. Administration: Administration is the backbone of the Institution. Institution firmly believes to provide quality education to the society. The College administration plays an integral role, leading and supporting the development and implementation of policies, programs, and initiative that are associated with the vision and mission of the college. The administration ensures the smooth functioning in the all areas like Admissions, Account and Finance, Record Keeping, Evaluation and Supervision, and Maintenance. 3. Faculty Members: Faculties maintains the healthy relationship with students, faculties, and community. The faculties are execute the policies and programs accurately and constructively. The College faculties represent the ethics and attend the professional ethics in the education. 4. Departments: The Primary role of the department is to provide the academic excellence in all activities. The Departments and Head of the Department are perform their role and responsibilities initiated with the vision and mission of the college. 5. Non-Teaching: Staff In the administration non-teaching staff plays crucial role in managing the day-to-day work. The assigned to non-teaching staff is to meet and accomplish operational and strategic objectives. Case Study Showing Decentralisation and Participative Management: The Institution has adopted the decentralisation and participative management in the process of academic and administration. 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. Following is the list of Committee: 1. College Development Committee 2. Internal Quality Assurance Cell 3. Departments and Heads of the Departments 4. Examination 5. N.S.S and Sport 6. Discipline Committee 7. Anti- Ragging Committee Outcome : The Management of the Institution conducts the regular meets and discuss the issue and challenge with developmental aspect of the institute. Thus Management of the Institution encourages the teachers, students and non -teaching staff, alumni and co-ordinators to share their ideas, opinions and suggestions through the proper channel. The input received from various committees and feedback are considered for the future

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
Admission of Students	- The college follows rules regulations of affiliating university for admissions. - Admissions are done purely on merit basis and according to reservation policy of the state govt.
Industry Interaction / Collaboration	1. Industry personnel are called for guest lectures. 2. Industrial visits are organized every semester for students. 3. MoUs with different industries for campus recruitment, industrial visit, consultancy,

	student/faculty training, sponsored project under industry institute interactions cell. 4. HRs are invited for mock interviews and Campus selection for students. 5. Getting inputs from the industry through various committees like advisory committee for strategic planning.
Library, ICT and Physical Infrastructure / Instrumentation	- Library is regularly updated and upgraded by adding new Text books, reference books , Research journals, magazines, news papers, e-Journals E-books.. - It is continued linked with internet and an user can access several E-books and E journals with this facility. ICT The college has provided its students with free high speed internet and Wi-Fi facilities. The presence of ICT has facilitated teaching-learning and information transfer in classrooms. The college has two smart classrooms, 16 ICT-enabled classrooms. Physical Infrastructure college infrastructure fulfills all the criteria of the affiliating bodies.
Curriculum Development	Curriculum is developed by the affiliating University. The members of Staff on various boards send suggestions for improvement.
Teaching and Learning	Apart from class room lecture method Group discussions, field studies, seminars are used for teaching. Peer learning is promoted in and outside the class. Study tours are organized for making learning more effective as per requirement.
Examination and Evaluation	- As per the syllabus of affiliated university internal assessment is done for the term work, which is based on attendance, Practical, assignment.. - Class assessment tests are conducted on frequent intervals and the teachers make an analysis of the performance of students after every internal test. - Assignment are given for evaluation of the students - Seminar are held in PG Courses (included in their syllabus) for their evaluation - Choice Based Credit System (CBCS) is adopted in UG and PG courses and to enriched the other subject knowledge open elective and Fundamental courses syllabus - Final examination held at college and evaluated by the University.
Research and Development	As far as the research is concerned there is very less scope because we

	have only UG/ PG courses in the college and no Ph.D. programmes courses in the college . Still the faculty is very much aware and actively involved in the research work. The college has always believed that the quality of academic research not only may be reflected in the quality of classroom teaching, but also may be helpful in addressing problems in the world at large. Accordingly, the college encourages faculty members to present and publish research papers and attend conferences. The college is already having three PhD degree holders as faculty and some are pursuing their PhDs.College provides financial support, flexibility in timing, availability of college laboratories and financial support for research paper presentation/publication. Create awareness about BCUD research schemes among the faculty. Promote commercialization of innovative projects/products from UG/PG students and faculty. Explore emerging inter disciplinary research areas.
Library, ICT and Physical Infrastructure / Instrumentation	- Library is regularly updated and upgraded by adding new Text books, reference books , Research journals, magazines, news papers, e-Journals E-books.. - It is continued linked with internet and an user can access several E-books and E journals with this facility. ICT The college has provided its students with free high speed internet and Wi-Fi facilities. The presence of ICT has facilitated teaching-learning and information transfer in classrooms. The college has two smart classrooms, 16 ICT-enabled classrooms. Physical Infrastructure college infrastructure fulfills all the criteria of the affiliating bodies.
Human Resource Management	1. Transparent staff recruitment policy as per U.G.C/A.I.C.T.E norms. 2. Faculty encouragement for higher studies. 3. Deputation of staff for FDP / workshops / training / conferences / symposia. 4. Leaves are sanctioned as per the norms. The summer and winter vacations are sanctioned as per norms. 5. Medical leaves are granted for staff. 6. Systematic performance appraisal process.

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

E-governace area	Details
Planning and Development	Planning and Development process in chalked out by the governing body with the help of IQAC and other committees of the college.
Finance and Accounts	Finance and Accounts are updated by using Talley software. The financial audit is done by a chartered accountant.
Student Admission and Support	Entire admission process is online, through the DTE website.
Administration	• The Administration communicates with Governing Body members as well as the teaching and non-teaching staff through email • All important administrative information including notices is regularly published on the website. • Biometric attendance for all staff members To achieve the target of Paperless IQAC , committee members of it started using Google facilities like ? Google sheet : For data collection from Various Departments ? Google Docs: To prepare notices and activity reports. ? Google Forms: To prepare Feedback forms and get online feedbacks of Students, Parents. • The college campus is equipped with CCTV Cameras installed at various places of need. • ICT has been introduced in the Administrative work.

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
No Data Entered/Not Applicable !!!				
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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)
No Data Entered/Not Applicable !!!						
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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
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
16	**90**	**Nill**	**54**

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Nill	**Nill**	**SND Scholarship**

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 conducts internal and external financial audits regularly Response: The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency. The mechanisms used to monitor effective and efficient use of financial resources are as below: ? Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management. ? College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non – recurring expenses like lab equipment purchases, furniture and other development expenses. ? The expenses will be monitored by the accounts department as per the budget allocated by the management. ? The depreciation costs of various things purchased in the preceding years are also worked out. Process of the internal audit: All vouchers are audited by an internal financial committee on half yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the principal. The same process is being followed for the last five years. Process of the external audit: The accounts of the college are audited by chartered accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits. The institution did not come across with any major audit objection during the preceding years. All these mechanisms exhibit the transparency being maintained in financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the authorities of the management and chartered accountant.

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
No Data Entered/Not Applicable !!!		
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6.4.3 – Total corpus fund generated

0000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	LIC Committee	Yes	College appointed Committee and IQAC
Administrative	Yes	Chartered Accountant	Yes	College appointed Committee and IQAC

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

1. Regular parent -teacher meet to discuss about the educational progress of the students 2. Suggestions regarding academic and administrative reforms are heartily welcomed and implemented 3. Parents are always extent their supportive hands

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

To nurture and retain the talent the college authority support the staff in the following ways- 1. Refresher course and orientation course 2. Research orientated publication and seminar 3. One day in a week allotted for self-study.

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

1. Implementation of CBCS system 2. Outcome-based education system. 3. Whole administrative process has been Computerized.

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
2017	Enhancement of Digital	11/01/2017	11/01/2017	17/06/2017	5

	Library					
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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
No Data Entered/Not Applicable !!!				

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
To be Environment conscious is one of the prioritized objectives of the institute. In view of that the institute is constantly initiating the plantation drives with a close watch on the maintenance of the planted trees/shrubs. The ever enthusiastic NSS unit at our Institute actively participate in Plantation, Campus Cleaning, Waste Management, also use of solar energy etc.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	4
Ramp/Rails	Yes	4

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
2016	1	1	02/10/2016	1	Swachatta Abhiyan	Cleanliness	400
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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)
A Handbook on Code of Conduct for Stake Holders	01/07/2016	This handbook includes code of conduct for stake holders, teachers.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree Plantation	01/07/2016	01/07/2016	50
Swachatta Abhiyan	02/10/2016	02/10/2016	400

| Blood Donation Camp | 23/01/2017 | 23/01/2017 | 50 |

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

Initiatives taken by the college to make the campus eco-friendly with respect to specify parameters are as follows: A. Energy conservation B. Plantation C. Hazardous waste management D. e-waste management E. Carbon neutrality

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice No.1: Enhancing student skill set Objectives of the practice In addition to the academic activities, the institute is making enormous efforts for all -round development of the students. The objectives are to develop enhance the following skills in the students: • Technical skills. • Interpersonal skills • Organizational skills. • Conducting technical and cultural fest in the college at national level. The context:- The college has been working with the aim of making it a centre of excellence. Students from different levels backgrounds need training to improve their technical as well as organizational skills. Considering these requirements, college is providing excellent facilities for the students to improve their skills and to achieve their career goals. The Practice • Eminent speakers from industry, prestigious academic institutes and public sectors are being invited for delivering guest lectures on latest technologies. • All departments are conducting technical events through their clubs / associations on current trends technologies to improve the technical knowledge of the students. • Students use the Internet facility beyond the working hours to learn about the latest technologies. • E-Journals/Magazines are provided in the library to know about the new technologies and research trends. • The college encourages the students to attend workshops / student meets / paper presentations to improve their technical and presentation skills. • The college provides financial assistance to students to implement new ideas or thoughts as projects and encourages creative skills of the students. • Training programs and workshops are being organized to promote experimental learning in the campus. • Industrial visits are being arranged for practical exposure to students. • Students are being encouraged to attend summer projects / internships in the industries/prestigious academic institutions to acquire practical knowledge. • The students play major role in the events annual day freshers day being organized by the college and inculcate the qualities co-operation, co-ordination and team work. • Personality development programs and seminars are being conducted from the first year to improve communication skills soft skills of the students. • The institute is encouraging the students to become members of professional bodies like IETE, ISTE, IEEE, CSI etc., and various events are being organized under these professional bodies to improve their skills. • The college is organizing various co-curricular and extra-curricular activities through student initiated clubs for enabling all round development of the students. Evidence of Success: • The change in the behavior communication of the students from first year to final year is an ample testimony for the success of the programs being organized. • The prizes / awards won by the students in technical and other events emphasize the impact of the programs. • The performance of the students in placements is an indication of the success of the programs being organized. Problems encountered: • No problems are encountered regarding finance because the college management is sanctioning sufficient budget for conducting various programs and for providing necessary resources. • A few problems are encountered in the implementation. • Adjusting academic schedule to accommodate the programs. • Providing slots in the time-

table to make some of the events as regular activities. Resources Required: • Extra working hours/days to schedule the programs • Provision of the Internet, library, labs, seminar halls and sports kits to students of various sections / years. The college overcame these problems by the co-operation of staff and students by providing suitable slots and staying beyond the working hours, if required. Best Practice-2: Comprehensive Student Monitoring System. Objectives The objectives of the comprehensive student monitoring system are as followepor014 • To monitor the students regularity discipline • To enable the parents to know about the performance regularity of their wards. The Context: Inculcating discipline, punctuality and motivation among the students is the main objective in career building of a student. In this direction, the college has a well established system to monitor the students activity. The organizational structures, policies, and practices support monitoring the students progress and commitment too. The Practice • The teacher takes students attendance in every class during the first five minutes and after the class enters the list of absentees in the academic activity register to enable the head of the department to monitor the students in each period of the day. • The class in-charges prepare the monthly attendance of the students for each section and send the information to the parents of defaulters through proper channel. • The following measures are being taken for improvement of the attendance of the students. • The concerned teacher enquires and counsels the student if he is absent for two continuous classes. The class-in charge enquires and counsels the student if he is continuously absent for more than two days and directs him to HOD for necessary action. • The HOD warns the student if he is absent continuously for more than one week and informs the parents about his irregularity. The HOD calls the parents of a student if he is absent continuously for more than two weeks, enquires the reason and advises them to take care of their ward. • The HOD forwards the details of a student to the Principal for further action if he is absent continuously even after informing his parents. • Periodic meetings are conducted by the Principal with HODs to review the punctuality and regularity of the students. • Weight age is given to attendance in internal marks to improve the student's regularity. 5 marks are allotted for attendance in each theory subject in a graded manner. • Every student participates in the events conducted in the college or other colleges with the prior permission of the concerned HOD. • Disciplinary Committee of the college promptly curbs the indiscipline in the campus. • Anti-Ragging Committee monitors the fresher's by frequently visiting the sensitive areas within the campus and outside the campus. Evidence of Success: • The improvement in attendance of the students speaks volumes regarding steps taken for monitoring the students. • The enhancement in performance of the students due to regular monitoring and discipline in the college is an evidence of success of the practice. Problems Encountered and Resources Required: Problems Encountered: • No problems are encountered in forming various committees and conducting meetings due to proper distribution of load among the staff. • A few problems are encountered in the implementation: • Enquiring the student in the class, regarding his absence, wastes time for all the students in the class. • Poor response of the parents for enquiries from the college Resources Required: • More number of classes to complete the subject than actual required number of classes. • Extra efforts of staff and the HOD to counsel the students and to explain the parents about their role and cooperation in monitoring their wards. These problems are solved with the total involvement of the Principal, the HOD the staff and they are successful in making the parents aware of their role in building the career of their wards.

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.docx

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 SND College of Engineering and RC has provided tremendous thrust and priority to its Program of Diversity Inclusion and Integration – an area distinctive to the Vision of the College. The Vision of the College is to educate, enable and empower young women students from country that form a significant section of the student community in the College. The College emphasises the need to mainstream the marginalised and weaker sections of students to ensure justice and equity in society. The Mission is to steer the education it offers not only towards the pragmatic goal of employability, but also to build a life of the mind and sensitise and orient its students to the service of the community, in the quest for a better life for society and the world that we inhabit. The College is 100 barrier free and has 'Under One Roof' Enabling Unit and Equal Opportunity Cell. College organizes courses in the teaching-learning of English Language and ICT skills for Economically Weaker Sections, skill training courses, computer literacy and mobility training program for Persons with Disability. The College provided financial assistance to several students with partial fee waivers including hostel fee waivers and also full fee waivers. This assistance was in addition to the support received by reserved category students from state and other agencies. 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. This is 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 college also promote faculties for attending Workshop, Seminars and other Innovative Programs for the benefits of the students and for there technical development.

Provide the weblink of the institution
https://sndcoe.ac.in/

8.Future Plans of Actions for Next Academic Year

1. To be able to enhance the brand equity of the college, which it has created for itself, in its local jurisdiction. 2. To create an enabling environment for holistic development of students, faculty and support staff. 3. To facilitate continuous upgradation and updating of knowledge use of technology, by faculty and students. 4. To fulfil its social obligations, in the manner of providing formal informal education, dissemination of knowledge, organizing programs and activities for the benefit of the community and other stakeholders. 5. To create awareness and initiate measures for protecting and promoting environment. 6. To encourage and facilitate research culture, to promote research by students and faculty and consultancy by faculty.