Yearly Status Report - 2017-2018

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	**sndcoe.principal@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/academic-calendar-21-22/

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

Library as learning resource	09-Jan-2017 1	330
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
---------	0	-----	2018 0	0
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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) Choice based system implemented as per curriculum 2) Enhancement of digital library 3) Mock Test conduction

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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
Mock Test Conducted	Help to student more familiar with examination
Implementation of choice base system	Choice of elective as per student interest
Development of special skills	Improvement of view in students skills

	and personality
Improvements in Support Services : Canteen, Transport	Quality of food get improved. Number of buses are increased
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College Development Committee	19-Dec-2018

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	2018

Date of Submission	12-Feb-2018

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

Our Institute follows the curriculum prescribed by the Savitribai Phule Pune university. The syllabus content is well percolated towards the students by the concerned faculties. We plans to execute the implementation of curriculum given by the savitribai phule pune university and its detail process as Stage I: Before Commencement of Semester. The program is prescribed by university and university declares academic calendar every year. The course of study of the upcoming semester is made available to all teachers and is also available at institute's website. The electives subject choice is taken well in advance from students by introducing them to the elective subjects. Before the starting of the semester well in advance the subject choice is collected from teachers. Based on the expertise , 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 Hods & 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 students. Stage II: During Semester Effective implementation of academics is periodically reviewed by academic monitoring committee. The academic monitoring committee consists of Class Teachers, academic Monitoring coordinator and department head. They take the review of

the academics, academic progress of students and accordingly provides suggestions. Academic feedback is collected from the students to know the know-how's of the subject being taught. If required disciplinary measures are taken to better the performance: such as counseling/ mentoring of individual by HOD for any deficit and ameliorate. In attendance recording 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 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 and results are declared. Remedial classes are scheduled for the weak students to pay the personal attention. For the final year Project the expert grooms 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.

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	---	----

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	Data miningand warehousng	20/06/2017
BE	software testing and quality assurance	20/06/2017
BE	compilers	15/12/2017
BE	cloud computing	15/12/2017
ME	Data mining	20/07/2017
ME	cloud security	20/07/2017
ME	Web mining	15/02/2018
BE	cloud computing	20/06/2017
BE	Business intelligence	20/06/2017
BE	Internate of things	15/12/2017
BE	information storage retrival	15/12/2017
BE	power quality	20/06/2017
BE	Electric hybrid vehicle	20/06/2017
BE	High voltage	15/12/2017

		engineering	
BE	smart grid	15/12/2017
BE	advance power electronics	20/07/2017
ME	smart grid technology	20/07/2017
ME	EHV AC transmission	15/02/2018
ME	Communication protocol in SCADA system	15/02/2018
ME	Renewable energy	20/07/2017
BE	Tribology	20/06/2017
BE	energy audit and management	20/06/2017
BE	reliability engineering	20/06/2017
BE	advance manufacturing process	20/06/2017
BE	automobile engineering	15/12/2017
BE	industrial engineering	15/12/2017
BE	Finite element analysis	15/12/2017
BE	design of pump,blower and compresser	15/12/2017
ME	energy audit and management	20/07/2017
ME	financial management	20/07/2017
ME	design of material handling equipment	15/02/2018
ME	process equipment design	15/02/2018
MBA	Management	02/07/2017
ME	Optimization Technique	20/07/2017
ME	Economics and Finance for Civil Engineering	20/07/2017
ME	Adv analysis of steel Frames	20/07/2017
ME	Design of Concrete Shell Structures	20/07/2017
ME	Safety Practices in construction.	20/07/2017
BE	Architecture and Town Planning	20/06/2017
BE	TQM & MIS in Civil Engineering	20/06/2017
BE	Hydropower Engineering	15/12/2017
BE	Construction Management	15/12/2017
ME	Plastic Analysis of Steel StructureS	15/02/2018

| ME | Building Services and Maintenance | 15/02/2018 |

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
softskill training	23/08/2017	60
workshop on java programming	24/02/2018	40
workshop on latex	05/03/2018	35
Extempore	12/10/2017	8
Debate	26/10/2017	22
Share Market Review	16/11/2017	35
Business Quiz	25/02/2018	22
GD	08/03/2018	30
No file uploaded.		

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	47
MBA	402 - Dissertation	47
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The feedback about the syllabus and its usability is checked with the industry and collected from all the stakeholders. The feedback form is designed in such a way that it records the opinion of stakeholders not only about the industry requirements, but also about the personality development of the students, entrepreneurship skill development. The feedback form takes the perspective of the stakeholders regarding the syllabus also provides space for 1. improving

professional competencies 2. satisfying industrial needs 3. Parents Expectations 4. students and recruiters. The feedback from alumni gives suggestions for the preparation of the students for the industry. Feedback is also collected on institutional resources and services such as class room, laboratory and Network center facilities and also on other supporting facilities and services like libraries and hostels. The feedback suggestions which cannot be addressed at the department are forwarded to the Administrative office for corrective action. A meeting of Principal, Deans, HODs, Section In charges is convened as and when necessary and also at the end of each semester to address such issues. The necessary directions are given to the section in-charges for the remedial measures and improvements. The alumni meets are conducted annually and their suggestions are considered for enhancing the overall academic culture of the institute. These suggestions results into enhancing the laboratory facilities, add on courses, higher studies and internship opportunities etc. The industry and employers feedback is taken through employer feedback form, interactions during placement drives and industry visits. This is further used to strengthen the collaborative efforts for teaching-learning, research impetus, to scale up higher studies and job opportunities.

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
ME	Structural Engineering	24	21	21
BE	Civil Engineering	60	21	21
MBA	Management	60	60	60
ME	design engineering	18	18	18
BE	Mechanical engineering	180	33	33
ME	electrical power system	24	11	11
BE	electrical engineering	120	30	30
ME	computer engineering	18	12	12
BE	computer engineering	60	23	23
BE	Information technology	60	21	21

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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	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG

	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2017	1784	238	121	20	121

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
121	121	3	16	4	9

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)

Through parent teacher interaction and many other activities (like project reviews etc), contact hours of students with teachers are increased. Stress given on close association between teachers and students. Personal problem solving and guidance is given to all students through parent teacher interaction. The Institution follows a student's mentoring system called as parent teacher after each 16 to 18 students. Each teacher is given a responsibility of 16 to 18 students from Second, Third and Final year. This creates a better environment in college, where students can approach teachers for both educational and personal guidance. The Parent Teacher (PT)closely monitor every student's academic performance assigned to him/her and ensure that his/her performance improves. Parent teacher and parents interaction is done through parent teacher meeting and the meeting is held at least once in a semester. Advice and support for improvement in academic performance is given by PT. The Training and Placement Cell of the Institution assists the students by conducting trainings, seminars and workshops for their personal and overall growth and also making them eligible for better placement opportunities. The Institution provides fee waiver facility to economically weaker students in order to support them to continue their education. Various committees are in place to motivate and encourage the students to participate in competitions at different levels. Anti-ragging Committee and Internal committee are in place to help the students in case any mishap happens to students. Medical Checkup is arranged in first year and counseling is done.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2022	121	1:17

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
121	4	4	4	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	Comp	1	18/10/2017	22/01/2018
BE	comp	2	27/04/2018	20/07/2018
BE	IT	1	18/10/2017	22/01/2018
BE	IT	2	27/04/2018	20/07/2018
BE	MECH	1	18/10/2017	22/01/2018
BE	MECH	2	27/04/2018	20/07/2018
BE	ELECT	1	18/10/2017	22/01/2018
BE	ELECT	2	27/04/2018	20/07/2018
ME	COMP	1	23/11/2017	21/02/2018
ME	COMP	2	22/05/2018	21/07/2018

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

SND College of Engineering and Research center is affiliated to SPPU and executes the recommended model curriculum for UG and PG students. The academic processes are scrupulously followed and monitored with Academic review Meetings. the academic qualitative outcomes are measured, targets set and attempts made to achieve the same. The internal examinations are conducted in form of Unit Tests. There are two such tests conducted in each semester. Uniformity in question paper pattern is followed by course teachers. The exam team with Controller of Examinations notify the departments regarding internal and end semester examinations. Students and faculty are notified well in time. Academic coordinators and Head of departments ensure smooth conduction of internal examinations with the help of internal examination coordinators. Well defined schedule of internal examinations, seating arrangements, invigilation duty assignments, question papers as per prescribed pattern, everything is taken care of diligently. The process of internal assessment is very well defined, and transparent. Term work assessment as well as seminar project assessment is a well defined process, which considers student's consistency in performance, regularity, punctuality, sincerity, involvement of student in completion and submission of assigned work. The outstanding feature of the process is consideration of student's participation in curricular, co-curricular, extra-curricular activities, which encourages versatile students to enjoy their passions keeping academics at good balance.. The marks formulated by the well thought process are reviewed by course teachers. Further, Academic coordinators examine these marks scrupulously with the Head of Departments.

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

At the beginning of each academic year, the affiliating university gives guidelines about the academic schedule of the semester which includes Commencement of the semester, End of the semester, Schedule of Examinations etc. Institute plans and deploys the teaching learning and evaluation schedules systematically with well drafted processes standardized . The planning phase of academics involves lot of meetings and deliberations which results in to institute level and department level planning. The academic calendar includes

the dates of commencement and completion of syllabus, schedules of internal exams etc. It specifies the dates of term end examination. Tentative dates of practical exams and theory examinations are also given in academic calendar. The time tables are prepared and implemented accordingly. The course teachers prepare course plans according to the academic calendar and guidelines of the University. The schedule of external examination is fixed by the University and the same is displayed on notice board for students. In case of any change in the University schedule, some changes are required to be made in internal evaluation as well. These changes are communicated to the students well in advance. All efforts are made by the Institute to adhere to the academic calendar

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	42	34	80.95
512424510	ME	computer engineering	5	5	100
512490110	ME	electrical power system	14	5	35.7
512429310	BE	electrical engineering	120	100	83.33
512424510	BE	Computer engineering	41	39	95.12
512424610	BE	Information technology	42	42	100
512419110	BE	Civil Engineering	67	52	77.61
5124212110	ME	Structural Engineering	16	8	50
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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_2017-2018.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

Nill	0	0	0	0

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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
Recent Technology in Power System	Electrical Engineering	23/02/2018
Two days National Level Workshop on Computer Aided Analysis and Design of Pre Stressed Concrete Structures	Civil Engineering	08/02/2018

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	--------------

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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
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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
0	Nill

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	electrical engineering	4	2
International	electrical engineering	3	1
International	mechanical engineering	5	1
International	First year engineering	2	1
International	Civil Engineering	1	1

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	10

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
im using IEEE 34 sy stemplemen tation of improved lion algorithm for generation resheduling of dereg ulated power system	Dr.Tapre P.C	IEEE	2018	Nill	snd coe rc	1
lion alg orithm:in nature inspire algorithm for generation rescheduli ng based congection managemnet	Dr.Tapre P.C	springer singapore	2018	Nill	snd coe rc	1
advanced method to balance grid voltage condition injecting 3 phase current by control oin 3 phase csc	Dr.Tapre P.C	IEEE	2017	Nill	snd coe rc1	1
advanced method to balance grid	Prof.Sol anki amit	IEEE	2017	Nill	snd coe rc1	1

voltage condition injecting 3 phase current by control oin 3 phase csc						
advanced method to balance grid voltage condition injecting 3 phase current by control oin 3 phase csc	Prof.Khe mnar kalpana	IEEE	2017	Nill	snd coe rc1	1
electric field comp utation for porcelin insulator during portech polluted condition	Dr.Tapre P.C	IEEE	2017	Nill	snd coe rc1	1
analysis of electric field stresses on specers in GIS for different rating	Dr.Tapre P.C	IEEE	2017	Nill	snd coe rc	1
sesmic analysis of verticaly irreguler RC building frames	Prof, ansari U.S	IJCIET	2017	2	snd coe RC	2
live assesment of transfo rmer on thermal model	Dr.Tapre P.C	IEEE	2017	Nill	snd coe rc	4
lion algorithm for	Dr.Tapre P.C	IEEE	2017	Nill	snd coe rc	2

generation reshedulin g based conjection management in deregul ated power supply						
No file uploaded.						

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
live assesment of transfo rmer on thermal model	Dr.Tapre P.C	IEEE	2017	4	4	SND COE and RC
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	Nill	Nill	25	Nill
Attended/Semi nars/Workshops	1	2	5	Nill
Attended/Semi nars/Workshops	Nill	1	2	Nill
No file uploaded.				

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
Village Cleaning Nandudi	National service scheme	4	15
Blood donation camp	National service scheme	2	50
Oath against Ragging	National service scheme	2	150
NSS Winter Seven days Camp	National service scheme	3	25
Republic Day Celebration	National service scheme	4	250
Workshop on Women's Safety	National service scheme	2	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

No file uploaded.

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
NSS	Yeola Pancayat Samiti	Voter Survey and Form filling	2	25

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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 Machine Learning	TE and BE information Technology Students	Institute	1

No file uploaded.

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Project Work	Project Work	Syssoft Pvt Ltd, Nashik	01/08/2017	15/02/2018	04
visit	Industrial Visit	Chetak enterprises ,Chincholi	28/03/2018	28/03/2018	50
Visit	Industrial Visit	Majestique housing ltd, wagholi	15/03/2018	15/03/2018	48

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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

Pranvi Computech, Nasik	22/03/2018	Workshop on Java	55
No file uploaded.			

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
190.56	303.8

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Seminar halls with ICT facilities	Existing
Seminar halls with ICT facilities	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
e-Library Manager	Partially	2.0	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	6332	2026530	709	262771	7041	2289301
Reference Books	11637	2826531	921	369846	12558	3196377
e-Books	220	26000	30	2500	250	28500
Journals	499	1532812	104	269092	603	1801904
e-Journals	3	524349	2	643095	5	1167444
Digital Database	1	62500	1	11500	2	74000
CD & Video	220	26000	30	2500	250	28500
Library Automation	1	Nill	Nill	Nill	1	Nill
View File						

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	500	21	21	21	21	2	8	16	0
Added	24	0	0	0	0	0	0	24	0
Total	524	21	21	21	21	2	8	40	0

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

40 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 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
15	10	140	153.02

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)

Computers: - 1. Centralized computer center for maintenance repairing. 2. Each Department having appropriate computer for their requirements. 3. Internet and WIFI Enabled campus. 4. Open access journals facilities are available.
https://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	SND Scholarship	710	133060
Financial Support from Other Sources			

a) National	--------	Nill	0
b)International	-----------	Nill	0
No file uploaded.			

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
softskill development	12/03/2018	40	Department level
softskill development	09/09/2017	80	Department level
remedial coaching classes	12/03/2018	60	Department level
Seminar On Advertising Strategies	23/10/2017	25	Department level
Union Budget Analysis 2017	02/01/2018	14	Department level
Agricultural reforms in India	26/03/2018	52	Department Level
softskill development	20/12/2017	122	Department level
Innovative practices in Management Technology	16/02/2018	44	Department level
No file uploaded.			

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
2017	Carrier guidance seminar	Nill	80	Nill	32
2017	RTO	27	13	1	1
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
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
Aegis, Pune	55	18	Autos Syntel Pune	35	2

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
2017	2	SNDCOERC	MBA	SNDCOERC	MBA Dual Specialisation
2017	2	Electrical engineering	electrical engineering	snd cor rc	ME electrical power system

No file uploaded.

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

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	

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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
Poster Competition	Institute	12
Sport(chess, tug of war)	Institute	30
Sports(cricket)	Institute	15
Cultural	Institute	36
Rangoli and Mehandi	Institute	22

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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	-

No file uploaded.

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The SNDCOE and RC believes in a holistic education that addresses intellectual, physical, emotional, spiritual, social needs and capacities of students that help them become their best self in the service of society at large. Students are major stakeholders in the institutional growth. Utilization of the student support and ideas is a paramount requirement for holistic growth of students and for the wellbeing of the institute. Students are given opportunities to develop and nurture their leadership qualities through Student Associations, Student Council, Student Cells and work as volunteers in various events organized at Department/Institute level. The Student Council representatives play an instrumental role in organizing cultural fest in the institute. The General Secretary and Ladies Representative posts are held by sound students and they cohesively work with the departmental representatives. SNDCOE RC has a dedicated Student Development and Welfare Cell that strives to give an indigenous platform to all the budding engineers to groom themselves holistically. Students have active representation on academic and administrative bodies and committees of the Institute. . Each department has an active student association MESA, ETSA, CESA, ITERA etc. The overall development of students by conducting various social and professional activities which strengthen and enrich the community within the department is the prima facie of these student associations. The students hold good positions of President, Secretary and Treasurer in these student associations. The institute has set up NSS to sensitize students towards societal issues and community services, activities of which is mainly carried out by the students. The social commitment is imbibed in students through different activities organized under National Social Service (NSS) cell. Various personal and professional skill development programs viz. Communication and Soft Skill programs, Aptitude Training, Technical Skill enhancement programs, Personal and Spiritual Development Programs, Entrepreneurship Development Activities and Preparation courses for competitive Examinations (Gate/GRE/CAT/MPSC/UPSC etc.) are made available on campus through various professional agencies. Overall a conducive environment with student centric approach and active participation is seen in the institute.

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)

SNDCOERC envisages decentralization as a basic requirement for creating conducive environment for participation and accountability at each level of administration. The academic and administrative responsibilities of the

Institute are carried out by the Principal, Deans, Head of the Departments and Registrar. Well defined hierarchical administrative and implementation model is established with the authorities and responsibilities. The institute always promotes the participative management. Participation is ensured at all operational levels i.e. at Governing Body, College Development Committee (CDC), department level meetings, various committees, cells etc. The processes feedback, suggestions for improvement are very well taken up from faculties, students and all stake holders for further deliberations and are duly considered for policy and decision making. This makes the environment conducive for open ended discussions, transparency and also benefits the system at large. Regular Meeting of Deans, HODs, Section In charges for overall Planning, Coordination, Monitoring and Control are conducted by the Principal. Subsequently regular Departmental Meetings are held by the respective Head of the Departments, Section in-charges and Committee /Cell in-charges for efficient functioning of Academics, overall development of Students, Research and monitoring of Developmental Activities. Budget preparation - For every financial year, the HOD of six departments requests all the Lab-In-Charges to list the requirement of equipment/materials/software, etc. Lab-In-Charges considers various factors such as expected syllabus change, out of syllabus contents, the status of available equipment/materials/software, and gives an estimated budget. • HODs also requests faculty who are In-Charges of various activities/events for their budget requirement of the term. • After discussion, the concerned faculty submit their budget in the approved format which is later compiled by HOD and submitted to the Principal for approval. After approval from the Principal budget, the allocation is done. • The Principal also prepares a budget that includes the estimated salary, maintenance cost, etc. It is presented to the authorities for approval • Academic calendar Savitribai Phule Pune University declares an academic calendar for two semesters. In compliance with that, all departments schedule the academic calendar of each semester

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
Teaching and Learning	The IQAC takes an active participation and ensure the learning capabilities of students through the Students centric and Innovative learning methods. ? We provide adequate infrastructural facilities for teaching learning. ? We have well qualified and experienced faculty members. ? We have concept of mentoring to provide special attention for the students who are slow learners. ? The slow learners are provided with extra knowledge inputs and guidance by conducting the special lectures through remedial classes. In case of exceptionally good learner's special arrangements are made to provide them extra guidance
Examination and Evaluation	Examination committee has been formed by college and "college examination

	officer (CEO)" has been appointed as per the norms of Savitribai Phule Pune University. As per University rules, there is one Mid Term examination to be conducted in a semester by the institution and at the end of semester End Term Examination is conducted by University which is centralized process managed by University. Continuous evaluation is done through class tests, assignments, viva and presentations. The college has examination committee constituted by principal and IQAC. The committee resolves exam related grievances as per SPPU norms. Internal marks are allotted based on continuous evaluation through different methods like internal assessment test, assignments, presentations, projects etc.
Admission of Students	The admissions of the students are followed as per rules and regulation based on the SPPU norms. Admission Committee Works for the Frame work of admission process. It frames committee for the admission in the month of May every year the committee involves the Principals, Management, H.O.D, Registrar and Teachers. This Committee decides about admission process, fees structure Merits of student for admission, last date of admission etc. Admission committee decides the process of admission as per the SPPU regulations
Industry Interaction / Collaboration	Existing MoUs were strengthened and new MoUs were signed with various organizations.
Library, ICT and Physical Infrastructure / Instrumentation	New resources have been added to the library, ICT and laboratories.
Research and Development	For Research and Development, QIP in each department is established with an objective of promoting research by students and the faculty members. Encouraging faculty to organize, attend and present papers at state/national/international conferences and seminars the necessary support is provided.
Human Resource Management	The Institute appoints adequate number of qualified faculty through the procedure of open Advertisement and interview by internal expert committee. The Institute organizes various FDP programmers for both the teaching and nonteaching staff members for upgrading

	their skills in the latest technology. Medical leave provision is given to the faculty and staff members based on the request
Curriculum Development	As an affiliated College, the Institution follows SPPU (Savitribai Phule Pune University) curriculum. ? Academic planning and management committee has been established. ? Majority of the students are from rural areas that are deprived of higher education facilities. ? The objective of the college is to provide self realization about studies, improve the learner's competence and capability. ? Extracurricular activity and Co curricular(Soft skill and Value added courses) to evoke favorable response to different academic initiatives

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
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
No file uploaded.				

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
76	45	Nill	160

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
--------	---------	-----------

6.4 – Financial Management and Resource Mobilization

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

The Institute has 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 to ensure the transparency in the transactions and financial procedures adopted by the Institute. Financial audits are conducted in the institute on regular basis. These audits are conducted in order to review and supervise the financial transactions of the institute. It is really important for an institute to monitor expenditure and income and make provisions for various activities. HODs prepare departmental budgets which includes recurring and non-recurring expenses of the department. The budget also includes the expenses towards purchase of equipment, remuneration of guest lecturers, industrial visits and other departmental activities. There is well defined process for the purchases and the expenses taking place in the institute. The Principal prepares annual budget of the institute on the basis of the departmental budgets submitted by HODs. This budget also includes important heads such as salary, capital expenses, TP expenses, repair and maintenance, software and lab equipment, running cost, promotion and advertisement. Provisions are made in the budget to meet any forthcoming national/international events as planned by the institute. The sanctioning authority for the institute budget is the Director of 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

No file uploaded.

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	Internal Committee formed by the College and IQAC Committee.
Administrative	Nill	Nill	Yes	Internal Committee formed by the College and IQAC Committee.

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. Involvement in College activities 2. Promotional Policies

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

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
2018	Increased no. of E-books and Journals	14/06/2017	15/06/2017	31/10/2017	530
No file uploaded.					

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
Worshop on Peronality	07/09/2017	07/09/2017	40	17

| developement and time management | | | | | | | |

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
Rain water harvesting structure and utilization done in the campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	**Yes**	**1**
Rest Rooms	**Yes**	**2**

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**	**26/09/2017**	**1**	**Workshops on English Communication Skill for the local girls who have come from rural back ground**	**To bring them main stream**	**90**
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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	**19/06/2017**	**1. He/she shall be regular and must complete his/her studies in the College. 2. All students must uphold academic respect to all persons and their rights and property and safety of others etc. 3. He/she must carry the identity card, issued by the college. 4. he/she should not Park a vehicle in a no parking zone 5. He/she is forbidden for Smoking**

			on the campus of the college

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Mahatma Gandhi Jayanti Celebration/Swachh Bharat Abhiyan	02/10/2017	02/10/2017	250

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

1. Tree plantation was done in the campus by NSS and SWO team 2. Rain water harvesting plant implemented in the campus.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1) Aptitude training to students to make them capable for competitive examination, aptitude examination. 2) 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 3) Technical session conduction: to improve technical knowledge of student in various fields as well as current industry trends.

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_17_18.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 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 resources 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 armored with information, knowledge and intelligence to solve given real world problem.. Frequent and willful 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. 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. 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_17_18.pdf

8.Future Plans of Actions for Next Academic Year

1. Conduction of seminars and workshop 2. Improvement in ICT enabled infrastructure. 3. Conduct of external academic and administrative Audit. 4. Training for entrepreneurship to students. 5. Strengthening the support for students for cultural and sports activities. 6. To implant lecture captivating system in the institution. 7. Increasing the publications of faculty.