

*Annual Quality Assurance Report
(AQAR)
of the IQAC*

(2017 - 18)

(15/07/2017 to 14/07/2018)

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

Submitted by



Sinhgad Institutes

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Smt. Kashibai Navale College of Engineering, Pune**

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Sinhgad Institutes

Sinhgad Technical Education Society's
SMT. KASHIBAI NAVALE COLLEGE OF ENGINEERING®

Approved by AICTE Vide F. No. 740-89-004 (NDEGAPR/ET/2000) &
Affiliated to Savitribai Phule Pune University ID. No. PU/PN/ENGG/155/2001
(Accredited by NBA)

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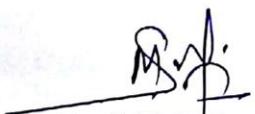
Date: 11 / 09 / 2018

Certificate

This is to certify that the Annual Quality Assurance Report (AQAR) for the academic year 2017-18 forwarded to the National Assessment and Accreditation Council (NAAC) Bangaloru is compiled from the data collected from official records and it is true to best of my knowledge and belief


Dr. A. V. Deshpande
Chairperson IQAC




Dr. S. K. Pathan
Coordinator, IQAC

Celebrating 25 Years

OF ACADEMIC EXCELLENCE

INDEX

Sr. No.	Particulars	PageNo.
	Vision, Mission and Objectives of the Institute	03
1.	Part-A	
	Details of the Institution	04
	IQAC Composition and Activities	07
2.	Part-B	
	Criteria-I: Curricular Aspects	09
	Criteria-II: Teaching-Learning and Evaluation	10
	Criteria-III: Research, Consultancy and Extension	13
	Criteria-IV: Infrastructure and Learning Resources	19
	Criteria-V: Student Support and Progression	21
	Criteria-VI: Governance, Leadership and Management	24
	Criteria VII: Innovations and Best Practices	25
	Plans of institution	27
	Abbreviations	28
3.	Annexures	
	Annexure-I: Sample NSS Activity Report	30
	Annexure-II: Prayas Report	42
	Annexure-III: Special Achievement	53
	Annexure-IV: Student Training Program History	56
	Card	

VISION:

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटिबद्धाः वयम् ।
We are committed to produce not only good engineers but good human beings, also.

MISSION:

OUR MISSION is to do WHAT it takes to foster, sustain and upgrade the quality of Education by way of harnessing Talent, Potential and optimizing meaningful Learning Facilities.

OUR ENDEAVOUR is to provide the best learning, conducive environment & equip the students with effective Learning Strategies.

Goals and objectives of the Institution

- All-round development of students relevant to the needs of industries and making them competent to face the challenges due to globalization.
- Development of faculty and staff by deputation for higher studies and skill up-gradation.
- To strengthen industry liaison by way of faculty training, students projects, testing, Memorandum of Understandings (MoUs) etc.
- To promote R & D activities in the departments.
- To establish research center for doctoral programmes and to undertake research in focused areas from Electronics & Telecommunication Engineering, Information Technology and Mechanical Engineering.
- To develop strong Industry-Institute Interaction in order to offer expertise for projects, training and consultancy.
- To seek academic freedom to lead in the University.
- To serve as engineering knowledge center for society, in general.

ANNUAL QUALITY ASSURANCE REPORT (AQAR) of the IQAC

PART – A

1. Details of the Institution:

1.1 Name of the Institution	:	Sinhgad Technical Education Society's, Smt. Kashibai Navale College of Engineering
1.2 Address Line 1	:	S.No.44/1, Vadgaon (Bk), Off Sinhgad Road, Vadgaon(Bk), Pune
Address Line 2	:	
City	:	Pune
State	:	Maharashtra
Pin Code	:	411041
Institution e-mail ID	:	principal.skncoe@sinhgad.edu
Name of the Head of the Institution	:	Dr. A.V.Deshpande
Tel. No. with STD Code	:	020-24354938
Mobile	:	9881000780
Name of the IQAC Co-ordinator	:	Dr. S. K. Pathan
Mobile	:	09822857658
1.3 IQAC e-mail address	:	iqac_skncoe@sinhgad.edu
NAAC TRACK ID	:	MHCOGN26171
1.4 NAAC Executive Committee No. & Date	:	NAC/WR/GH/MHCOGN26171/IstCycle/2016-17 Date June24, 2016
1.5 Website address	:	http://cms.sinhgad.edu/sinhgad_engineering_institute/skncoe_vadgaon/institute_details.aspx

Web-link of the AQAR : http://cms.sinhgad.edu/SKNCOE/MHCOGN26171-SKNCOE-Pune-Maharashtra_2016_17.pdf

1.6 Accreditation Details :

Sr. No	Cycle	Grade	CGPA	Year of accreditation	Validity period
1	1 st	B+	2.67	2016	2016-2021

1.7 Date of Establishment of IQAC : 26th December 2016

1.8 AQAR for the year : 2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and accreditation by NAAC

NAAC PEER TEAM VISIT : 19th to 21st September, 2016.

1.10 Institutional Status :

University :	Central		State	√	Deemed		Private	
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Affiliated College:	YES	√	NO	
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Constituent College:	YES	√	NO	
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Autonomous college of UGC	YES		NO	√
Regulatory Agency approved Institution:	YES	√	NO	

Type of Institution:					
Coeducation	√	Men		Women	
Urban	√	Rural		Tribal	

Financial Status:			
Grant in aid		self- financing	√
Government		Any other	

1.11 Type of Faculty/Programme:

Arts		Science		Commerce	
LAW		PEI (Phys Edu)		TEI (Edu)	
Engineering	√	Health Science		Management	
Others (Specify)					

1.12 Name of the Affiliating University	:	Savitribai Phule Pune University, Pune, Maharashtra
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1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc.

Autonomy by State/Central Govt. / University	NO
University with Potential for Excellence	NO
UGC-CPE	NO
UGC-Special Assistance Programme	NO
DST-FIST	NO

2. IQAC Composition and Activities:

2.1 No. of teaching faculty members	:	10
2.2 No. of Administrative/Technical staff	:	03
2.3 No. of students	:	02
2.4 No. of Management Representatives	:	01
2.5 No. of Alumni	:	01
2.6 No. of any other stakeholder And community representatives	:	01
2.7 No. of Employers/ Industrialists	:	02
2.8 No. of other External Experts	:	02
2.9 Total No. of members	:	22

2.10 No. of IQAC meetings held : 02

2.11 No. of meetings with various Stakeholders:

Faculty	02	Non-Teaching Staff	00	Students	02
Alumni	02	Others	02		

2.12 Has IQAC received any funding from UGC during the year?

YES		NO	√
-----	--	----	---

If yes, mention the amount:

-

2.13 Significant activities and contributions made by IQAC:

1. Implementation of Academic Monitoring Committee (AMC)
2. Finalization of frequency and formats for collection of data through Quality Management System
3. Implementation of online Faculty Appraisal

4. Formation of the committees for –
 - a) Students Activities
 - b) Research Consultancy Promotion
 - c) Administration
5. As per guidelines of IQAC, studentfeedbacks were conducted. Further, the necessary training and corrective measures has been suggested to the faculties for the AY 2017-18.
6. Regular Parent-Teacher meetings are conducted in every department to take feedback from parents regarding teaching learning process and other facilities in the institute.

2.14 Plan of Action by IQAC/Outcome:

Plan of Action	Achievements/Outcomes
1. To implement Academic Monitoring Committee (AMC) 2. To Finalize frequency and formats for collection of data through Quality Management System 3. Implementation of online Faculty Appraisal 4. Formation of the committees for <ol style="list-style-type: none"> a) Students Activities b) Research ConsultancyPromotion c) Administration 	1. Established AMC 2. Formats Prepared and data to be collected at the end of each semester 3. Done 4. Established three Committees

2.15 Whether the AQAR was placed in statutory body: Yes

Management	√	Syndicate		Any other body	
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Part – B

Criterion – I

1. Curricular Aspects:

1.1 Details about Academic Programmes

Sr. No	Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
1	PhD	01	--	--	--
2	PG	03	--	--	--
3	UG	04	--	--	--
4	PG Diploma	--	--	--	--
5	Advanced Diploma	--	--	--	--
6	Diploma	--	--	--	--
7	Certificate	--	--	--	--
8	Any other	--	--	--	--

2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:	Semester	√	Trimester	
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1.3 Feedback from stakeholders*(On all aspects):

Alumni	√	Parents	√	Employers	√
Students	√				
Mode of feedback:		Online	√	Off-line	
Co-operating schools (for PEI)					

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects:

Yes

Revision of University syllabi is based on new technological concepts in order to bridge the gap between Industry and Academics the syllabus changed from marking scheme to grading scheme. UG course is revised from TE 2012 to BE 2015. And PG Syllabus is revised from 2015 to 2017 Course for ME Computer Engineering EnTc.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of Permanent Faculty:

Total	Asst. Professors	Associate Professors	Professors	Cadre Ratio
259	244	06	09	09:06:244

2.2 No. of permanent faculty with Ph.D.:16

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Positions	Teaching Faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC/University/ State Government Recruited	7	2	5	1	95	59	NA	NA	NA	NA
Yet to recruit	15	12	44	19	26*	12*	NA	NA	NA	NA
Sanctioned by the Management/ society or other authorized bodies Recruited	0	0	0	0	55	35				
Yet to recruit										

* Additional faculty Recruited.

2.4 No. of Guest and Visiting faculty and Temporary faculty: 58

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Presented papers	49	04	00
Attended Seminars/ Workshops	03	46	180
Resource Persons	2	00	05

Guest LECTURE conducted in department by Industry expert :60

Industrial Visits for Live demonstration. : 12

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- ❖ 60 Guest Lectures were conducted in various departments from Industry experts.
- ❖ NPTEL Videos for faculty for improving their knowledge & skill.
- ❖ Research Methodology Sessions conducted.
- ❖ Industry and Alumni interaction with current students.
- ❖ Value Addition Program as part of Student's Training Program (STP).
- ❖ Train the Trainers (TTT) programme has been executed wherein 83 faculties from different departments participated.

2.7 Total No. of actual teaching days during this academic year: 155

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions):

- Continuous Evaluation Process,
- Mock Submission,
- Mock PR/OR Examination,
- Mid Term Submission.
- Mock Online Examination
- Open Book Examination

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:

39

2.10 Average percentage of attendance of students: 77.92%

2.11 Course/Programme wise Distribution of pass percentage: AY 2016-17

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BE(E&TC)	342	61.98	28.07	4.09	0.29	00
BE (Comp)	335	68.35	29.55	19.70	00	00
B.E. (Mech)	395	61.26	26.32	6.32	0.5	00
BE (IT)	131	67.17	7.63	1.52	00	00
MBA	53	02	15	22	12	03

2.11 Course/Programme wise Distribution of pass percentage: 2017-18

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BE(E&TC)	290	65.98	23.07	1.09	0.29	00
BE (Comp)	300	71.35	27.55	18.70	00	00
B.E. (Mech)	346	63.26	21.32	1.32	0.5	00
BE (IT)	124	71.17	4.63	0.52	00	00
MBA	59	3.38	37.28	33.89	20.33	5.08

2.12 Initiatives undertaken towards faculty development:

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Orientation programmes	241
Staff training conducted by other institutions	28
Summer / Winter schools, Workshops, etc.	69
Any Other / Industrial Training etc.	06
Faculty perusing Ph.D.	31

2.13 Details of Administrative and Technical staff:

Category	Number of permanent Employees	Number of vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	25	-	12	-
Technical Staff	42	-	-	-

Criterion – III

3.1. Research, Consultancy and Extension:

3.2 Initiatives of the IQAC in Sensitizing / Promoting Research Climate in the institution.

- ❖ Research is a significant activity of the institution, the main role of the IQAC to motivate the faculty members for research contribution. As a result 31 faculty members had been enrolled for the PhD.
- ❖ IQAC explained the importance of need based interdisciplinary projects.
- ❖ IQAC motivated the faculty members to register for copyright and patents.
- ❖ The importance of consultancy is explained to the faculty members.
- ❖ Research collaboration is important for the improvement of the research; IQAC motivated the faculty members to start MOU, for research collaboration.
- ❖ The research should be useful for the society, so the major stand of IQAC to motivate to start consultancy.

3.3 Details regarding projects:

Details of project	Completed	Ongoing	Sanctioned	Submitted
Number	--	04	04	02
Outlay in Rs. Lakhs	--	25.03	05	0.4835

3.4 Details regarding projects:

Sr. No	Faculty	Title of the project	Status Ongoing/ Completed
1	Dr. P.N.Mahalle Prof. P.N.Railkar	Future Architecture for security of IoT	Ongoing
2	Prof. G.R.Shinde Dr. P.N.Mahalle	Lightweight group Authentication for IoT	Ongoing
4	Prof. S.P.Pingat Prof. S.P.Dugam	Performance & energy efficient routing protocol for WSN	Ongoing
5	Prof.V.V.Kimbahune	Context aware intelligence and adaptive approach for future Internet	Ongoing
6	Dr. N. P. Sherje	AICTE approved Skill and Personality Development program for SC/ ST Students	Ongoing
7	Dr. A. P. Pandhare	An experimental approach to the investigation of combustion in CI Engine to formulate set of guidelines to modify conventional CI Engine to	Ongoing
8	Dr. A. P. Pandhare	Skill and Personal Development Programme Centre for SC/ST students	Ongoing
9	Dr. T. A. Chavan	Multimedia & Nonmultimedia Traffic Delivering over Next-Generation Mobile Communication Networks	Ongoing
10	Mr. N. S. More	Algorithms & Techniques for Power Aware Cloud Computing	Ongoing
11	Mr. M. L. Bangare	Vulnerability Assessment in Ubiquitous Cloud for Portable Storage Device	Ongoing

3.5 Details on research publications

Type of Journal	International	National	Others
Peer Review Journals	16	00	00
Non-Peer Review Journals	18	00	00
e-Journals	21	02	00
Conference proceedings	80	03	00

3.6 Details on Impact factor of publications:

Range	2.5	Average	4.36	h-index	14	Nos. in SCOPUS	03
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3.7 Research Projects:

(a) Details of ongoing and completed research projects.

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned	Received
Interdisciplinary Projects	2017-18	0	0	0
Industry sponsored	1 year	1.Spieler Technologies, Bavdhan 2.Kasnet Tech PVT LTD India USA 3.Oorja interfacing Experts PVT LTD. 4. Bytzsoft Technologies Pvt. Ltd. 5. Nimble Intelligent Solutions 6. Persistant 7. HackersEra Cyber Security Consultancy and Training Pvt Ltd 8. HiFi Technology Solutions	-	-
Projects sponsored by the University/ College	2017-18	BCUD,SPPU	5,50,000/-	50,000/-
Students research projects (other than compulsory by the University)	-	-	-	--
Any other(Specify)	2017-18 to 2019-20	AICTE, New Delhi	22,88,235	11,44,118
Total in Rs			28,38,235	11,94,118

(b) Ongoing and completed Ph.D. projects during the period.

Sr. No	Name of the faculty	Title of the project	Status
1	Mrs. S. A. Panwar	Design and Development of Intelligent Decision Support System for Thyroid Diseases	Completed
2	Mrs. P.S. Deshpande	Prosody in Speech Synthesis	Completed
3	Mr..A.S.Shirsat	Throughput improvement of bluetooth on Heterogeneous Wireless Network	Pursuing
4	Mr. P. G. Chilveri	"Identity Establishment for Heterogeneous Ad-Hoc Network : Information Theoretic Based Approach	Pursuing
5	Mrs.S.S.Vasekar	Video Processing	Pursuing
6	Mr.M.S.Navale	Analysis & Enhancement of Parameters in 4G LTE.	Pursuing
7	Mrs.R.P.Patil	Video Processing	Pursuing
8	Mr.P.S.Kokare	Image and Signal Processing	Pursuing
9	Mr.P.D.Garje	Video Processing	Pursuing
10	Prof. Samrudhi Navale	Job Satisfaction of IT Employee	Pursuing
11	Prof. Harsha Gandhi	Demat Account	Pursuing
12	Prof. Sanket Charkha	Money Management of Hostel Students	Pursuing
13	Prof. G.R.Shinde	Clustering Framework for internet of people, things, services	Completed
14	Prof. V.V. Jog	Profile based multilevel self adaptive security for data and devices in IOT	Pursuing
15	Prof. R.A.Satao	Adaptive Green routing algorithm for wireless multimedia sensor network	Pursuing
16	Prof. V.V.Kimbahune	Algorithm for context aware clustering and adaptive addressing for next generation internet	Pursuing
17	Prof. P.P.Patil	Detection and Diagnosis of early stage microcalcification in mamograph-machine learning approach	Pursuing
18	Prof. P.B.Mali	Real Time Handwritten Nagari text recognition and digitization	Pursuing
19	Prof. N.A.Mhetre	Context aware authorization and access control algorithm in ubiquitous computing using learning methods	Pursuing
20	Prof. M. R. Patil	Adaptive multilevel and context aware clustering in distributed environment	Pursuing
21	Prof. V. S. Deshmukh	Fault resilient event localization algorithm for binary wireless sensor network	Pursuing
22	Prof. A. A.	Green cloud computing - balancing	Pursuing

	Deshmukh	load for deployment of SaaS	
23	Prof. S.P. Kosbatwar	Printed character recognition using back propagation neural network technique	Pursuing
24	Prof. P. N. Railkar	Secure and Distributed Algorithms for Machine to Machine Communication in Internet of Things	Pursuing
25	Prof. P.S. Raskar	Spatial Tamper Detection in Video Forensics	Pursuing
26	Prof. P. R. Chandre	Intrusion Prevention System Using Deep Packet Inspection For Wireless Sensor Network	Pursuing
27	Dr. N.P. Sherje	Semiactive control strategies for vibration control using MR Damper	completed
28	Dr. M.M. Kulkarni	Year round A/C system for Pune	completed
29	Prof. A. M. Umbarkar	Study of performance parameters of self priming venture scrubber	Pursuing
30	Prof. A. R. Attar	Design of parabolic trough solar collector	Pursuing
31	Prof. S. M. Jadhav	Design of VAC refrigerator working on exhaust heat	Pursuing

PhD guides and completed students : 03 / 01

3.8 Consultancies:

Sr. No	Name of the department	Consultancy type	Type of Work done	Revenue Generated
01	--	--	--	-

3.9 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	02	-		-	-
Sponsoring agencies	BCUD SPPU	--		-	--

3.10 No of faculty served as experts, chairpersons or resource persons: 52

3.11 No. of collaborations, Mou's:

International	2	National	06	Any other	13
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3.12 Total budget for research for current year in Rs. lakhs:

From funding agency	0
From Management of University/College	14.40
Total [Rs. Lakhs]	14.40

3.13 (a) No. of patents received this year:

Type of Patent	Status	Number
National	Applied	08
	Granted	00

(b) No. of copyrights received this year:

Type of copyright	Status	Number
National	Applied	00
	Granted	00

3.14 No. of awards/ recognitions received by faculty and research fellows of the Institute in the year:

Total	International	National	State	University	Dist	College	Any other
09	02	08	00	01	00	00	00

3.15 No. of students Participated in NSS events:

University Level	101	State level	00
National level	00	International level	00

3.16 No. of awards in NSS: 00

3.17 No. of Extension Activities Organized:

University forum	04	College forum	00
NCC	32	NSS	05
Any Other	01		

3.18 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility:

Sr. No	Name of the program
01	Tree Plantation Drive
02	Eco-Friendly Ganesh-Utsav
03	Panel Discussion
04	Blood Donation Camp
05	Cleanliness Drive
06	Nss Special Camp Of 7 Days
07	Old-Age Home Visit
08	Blood Donation Camp
09	Fooddonation
10	Used Cloths And Stationery Donation

Criterion – IV

4. Infrastructure and Learning Resources:

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	21	Nil	Self	21
Value of the equipment purchased during the year (Rs. In Lakhs)	1,69,18,459.25	1,69,91,536.25	--	--
Others – (Software etc.)	--	--	--	--

4.2 Technology up gradation (overall):

Title	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	1065	-	Yes	-	135	03	957	-
Added	10	-	-	-	-	-	-	-
Total	1075	-	-	-	-	-	-	-

4.3 Library services:

Title	Existing		Newly added		Total	
	No.	Value(Rs)	No.	Value(Rs)	No.	Value(Rs)
Text Books	20839	6418773.26	102	43108.00	20941	6461881.26
Reference Books	13702	4227191.24	08	3380.00	13710	4230571.24
e-Books	2700	-	-	-	2700	-
Journals	131	244358.00			131	244358.00
e-Journals	-	-	-	-	-	-
Digital Database	1	73600.00	-	-	1	73600.00
CD & Video	1179	-	-	-	1179	-
Library automation	1	30000.00	-	-	1	30000.00

4.3 Computer, Internet access, training to teachers and students and any other

Programme for technology up gradation (Networking, e-Governance etc.)

- ❖ NPTEL Video Lectures, e- Journal and e-books
- ❖ One Faculty Development Programme for the teachers and four Workshops for the students
- ❖ 60 Guest Lectures on various topics are arranged
- ❖ Train the Trainer for Newly joined Faculty as per the newly updated syllabus
- ❖ Wireless Network Security through firewall and end user authentications
- ❖ e-Governance through GEMS and EPR software
- ❖ Up gradation of Accounting Software and its training to staff
- ❖ Students' training for new technologies through Value Added Programs (VAP)
- ❖ Student's Training Program (STP) for soft skill development

Criterion – V

5.Student Support and Progression

5.1 Curriculum Enrichment Programmes - (Courses, Industrial Training, Visits, Projects, Guest lecturers etc.)

Courses	06
Industrial Training	02
Industrial Visits	14
Student Internships	295
Projects	269
Guest Lectures	57
Workshops	05
Value AddedProgram	16
Webinars	01
Spoken Tutorials	467

5.2 Efforts made by the Institution for tracking the progression - (Vertical movement of Students Counseling and Career Guidance)

- ❖ **TG& CT:** Teacher Guardians (TGs), Class Teachers (CTs) alongwith HOD are continuously monitoring the students' performance. The term work marks are assigned with proper weightages to overall attendance, unit tests conducted in the class, TG evaluation based on extra-curricular activities, practical performance, and timely submission of journals, assignments, and tutorials. The criterion are notified to the students well at the beginning semester.
- ❖ **History Card:** Preparation of History Card (looked after by TG) of the students from FE to BE consisting of academic records, activity participation certificates, information of training programs, publications etc.
- ❖ **AMCAT:** Conduction of Aspiring Minds Computer Adaptive Test (AMCAT) examinations and its results gives an opportunity for the students to do their Strengths-Weaknesses-Opportunities-Threats (S-W-O-T) analysis and allow them to think on areas to be improved upon. These examinations are conducted in every semester.
- ❖ **QALR& ET:** Quantitative Aptitude and Logical Reasoning (QALR) tests conducted every semester for all the students. Students are exposed to QALR test and Employability

Test (ET) multiple times before they actually appear for an actual aptitude test of any industry. These tests are useful in understanding the students' progression.

- ❖ **Survey Paper Publication with research approach and Seminar:** STP-IV specially designed for research methodology inputs to students, wherein every student is supposed to write a research survey paper and submit it at the end of semester VI. This gives an opportunity to understand the research attitude of the students.
- ❖ **Participation in C-PG and m-PG conference:** Students' progression in research can also be understood by performance of the students in PG conferences.
- ❖ **Students Counseling and Career Guidance through CPC:** Institute has a structured mechanism for Students Counseling and Career Guidance through Centralized Placement Cell (CPC). Under the guidance of the Principal, CPC officer in coordination with departmental CPC coordinators carry out structured activities related to both career guidance and placement of the students.

Efforts made by the department for tracking the progression-For improvement in Results

- ❖ **Unit Tests, Prelim, Mock oral practical examinations:** Two Unit Tests during the semester and the end of the semester, Prelim and internal mock practical/oral examination are conducted to understand the preparation of the students for university practical/oral examination. The remedial practice sessions are conducted for proper understanding of experiments by the students.
- ❖ **Mock examinations:** Conduction of mock online examinations, tutorials, prelim examination and mock practical/oral examinations are useful in preparing and tracking the students' progression throughout the semester. The performances of all such examinations are considered while giving the Term Work (TW) marks. Institute also conducts project competitions, AMCAT, ET, QALR, quiz and soft skill development activities for the students to prepare them for the placement.
- ❖ **Remedial classes are conducted:** After analyzing the result of in-semester examinations, faculty identifies slow learners from the class and takes additional remedial sessions for effective transformation of subject matter to them.
- ❖ **Guest Lectures:** Guest Lectures on Different topics were conducted in Department for Various Classes.

To Improve Employability of the student following efforts have been made:

- ❖ 3 days aptitude training, 31 aptitude tests, Group Discussion, Extempore are conducted and 3 NPTEL videos on Group Discussion are shown to third year students.

- ❖ 5 sessions to introduce current technologies such as Java, PHP, HTML are conducted for third year students.
- ❖ 08 aptitude tests, 3 quizzes on C are conducted.
- ❖ 13 aptitude tests, one personal interview and one technical interview are conducted to final year students.
- ❖ Conducted STP I to enhance communication skills.
- ❖ Conducted STP II to improve reading, listening, writing and speaking abilities.
- ❖ Revision of basic fundamentals of core subjects in STP III.
- ❖ Introduction to current technologies such as Advanced Java & Hadoop under STP.
- ❖ GDPI is conducted to improve the communication skill of student for placement.
- ❖ 16 QALR tests are conducted to test aptitude ability.
- ❖ Conducted 4 personality development programmes.

Coaching and Guidance for Higher studies / Competitive Exam.etc.

- ❖ 04 orientation & guidance lectures are organized for GRE, GMAT, IELTS.
- ❖ 10 guidance sessions are organized for higher studies.
- ❖ 06 AMACT examinations are conducted for the students to do their SWOT analysis and understand need based training which is covered in VAP.

Entrepreneur Cell Report

- Internship to 59 students at various company in pune.
- Deployed Moodle for mock online exam practice.
- Developed online feedback portal for taking feedback of staff members.
- Organized various seminars on Entrepreneurship.
- Make students aware about E-Summits at IITs and also attend the same.
- 4 startups started by students
- Econclave event is organized by E-cell and more than 180 students attended interenship program.

5.3 No. of students qualified in these examinations.

GATE	State PSC	UPSC	GRE	Others
17	00	00	29	06

5.4 Details of campus placement.

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
209	540	340	23

5.5 Students Activities.

No. of students participated in Sports, Games and other events and awards won:

State/university Level	68	National level	157	International level	00
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No. of students participated in cultural events:

State/university Level	46	National level	17	International level	00
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5.6 No. of social initiatives undertaken by the students:38

Criterion – VI

6. Governance, Leadership and Management

6.1 Activities and support from the Alumni Association:

- ❖ 36 sessions were conducted by Alumni on different topics such as Project work & Higher Studies, Career Opportunities in Web Development, Android.
- ❖ 21 alumni students from all departments were invited to interact with First Year Students in FE Induction Programme.
- ❖ The institute has a tradition and culture of social awareness percolated through alumni gives natural motivation to the current students and faculty to participate in various social activities.
- ❖ Motivation from faculty coordinators to the students and leadership shown by the enthusiastic students gives boost for various innovative ideas. These ideas are then converted into extension activities through NSS and students associations.
- ❖ Student association and college magazine also gives wide publicity and encouragement to the entire student community that ultimately resulted into massive participation and satisfaction of conduction of social work.

6.2 Activities and support from the Parent – Teacher Association:

- ❖ Induction program for parents and admitted students has been conducted at the beginning of First Year of Engineering during which all students and their parents were introduced. Guardian teachers were also assigned during this program to understand background of all FE students.
- ❖ Teacher communicates ward's attendance and performance to parents through SMS. If required teacher calls ward's parent, if he/she remains absent frequently.
- ❖ Parent Teacher meet is conducted once in year also some of the parents come to visit the department during the academic.

6.3 Development programs for support staff

- ❖ Online Performance Appraisal System is initiated and training of the portal is given to supporting staff.
- ❖ We are in the process of implementing new Tally, based accounting & fee software. In effect, we will be replacing the existing Zoom Software and E- PATHSHALA which is being used at present in the administrative office, particularly account's and the students' sections. Demonstration and training of this new Tally-based software for supporting staff of the office to showcase the various features the software was arranged.
- ❖ Installation of various packages and basics of Ubuntu 14.04 & Fedora 17 was also conducted with lab support staff in department Computer Engineering.
- ❖ Supporting staff is depicted to attend industry oriented courses to enhance their technical expertise.

Criterion – VII

7. Innovations and Best Practices:

7.1 Innovations introduced during this academic year which have created a Positive impact on the functioning of the institution.

- ❖ K-point technology used in the institute is helping the students and faculty to take their lessons online. The K-point software can help the students to access the PPT of various subjects along with the audio explanation. K-point is the need of the age as it saves time and money of the learner. It also provides a multi-media archive that offers self-paced learning for every class. Teachers can use it to teach online or give presentations

- ❖ Second year students benefited by enrolment to one of the NPTEL course which was in line with one of the core subjects of Sem II (Engineering Geology)
- ❖ Project Based Learning introduced to the First Year Students in Basic Electronics Engineering subject. This is the effort made by the concerned staff to inculcate the culture of Project Based Learning starting from First Year.
- ❖ For Second year students practice sessions before online examination was conducted. In this session per day one subject is scheduled and according to that students are communicating with concern faculty members for discussion of MCQ's.
- ❖ Training and Placemnt Activity is done through online portal-GEMS which is the communication etween T & P Coordinator and Students.
- ❖ Online Appraisal system is introduced for all the teaching and non-teaching staff. Automatic Score points are generated and calculated for various curricular and extra-curricular activities of the staff which excludes the unnecessary descriptive part of offline appraisal system.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

- ❖ Industry collaborations are promoted by signing 19 MOU's with industry.
- ❖ Alumni interaction by inviting Alumni during departmental events, Guest lectures, workshops, cultural events.etc.
- ❖ Alumni Interaction is strengthened by inviting Alumni during departmental events ,Guest Lectures, Workshops.
- ❖ Interdisciplinary activity is promoted by organizing SPPU sponsored National Conference, workshop for PG students.
- ❖ According to AcedemicSheldude workshops for faculty development as well as students were conducted.

INSTITUTION PLANS FOR AY 2018-19

8. Plans of institution for the Academic Year – 2018-19:

- ❖ Planning to apply for major/minor research projects to research and government institute like DRDO, DST, and AICTE.
- ❖ To offer consultancy services.
- ❖ To enhance R&D activities
- ❖ To promote entrepreneurship activities



Prof. Dr. A. V. Deshpande
Chairperson, IQAC



Dr. S. K. Pathan
Coordinator, IQAC

ABBREVIATIONS

AICTE	All India Council For Technical Education
AMCAT	Aspiring Minds Computer Adaptive Test
API	Assistant Police Inspector
ATR	Action Taken Report (ATR)
AQAR	ANNUAL QUALITY ASSURANCE REPORT
CBSE	Central Board of Secondary Education
CPC	Centralized Placement Cell
CT	Class Teachers
ET	Employability Test
GEMS	Governing Educational Management System
GMAT	Graduate Management Admission Test
GoM	Government of Maharashtra
GRE	Graduate Record Examinations
HOD	Head of Department
IEEE	Institute of Electrical and Electronics Engineers
IELTS	International English Language Testing System
IQAC	Internal Quality Assurance Cell
ITM	Innovative Teaching Methodologies
MCQ	Multiple Choice Questions
MOU	Memorandum of Understanding
NAAC	National Assessment and Accreditation Council
NGKC	National Go-karting Championship
NPTEL	National Programme on Technology Enhanced Learning
NSS	National Service Scheme
PBL	Project Based Learning
PWD	Public Work Department
QALR	Quantitative Aptitude and Logical Reasoning
SDN	Software Defined Network
SDPO	Sub-Divisional Police Officer
SKNCOE	Smt. Kashibai Navale College of Engineering
SMS	Short Message Service
STES	Sinhgad Technical Education Society

STP	Student's Training Program (STP)
SWOT	Strengths, Weaknesses Opportunities and Threats
TG	Teacher Guardians
TTT	Train the Trainer
TW	Term Work
UGC	University Grants Commission
UPSC	Union Public Service Commission
VAP	Value Added Programs (VAP)

Smt. Kashibai Navale College Of Engineering, Pune-41

National Service Scheme (NSS) 2017-18

INDEX

- 1. TREE PLANTATION DRIVE**
- 2. ECO-FRIENDLY GANESH-UTSAV**
- 3. PANEL DISCUSSION**
- 4. BLOOD DONATION CAMP**
- 5. CLEANLINESS DRIVE**
- 6. NSS SPECIAL CAMP OF 7 DAYS**
- 7. OLD-AGE HOME VISIT**
- 8. BLOOD DONATION CAMP**
- 9. FOODDONATION**
- 10. USED CLOTHS AND STATIONERY DONATION**

1 Tree Plantation Drive

The N.S.S unit of SKNCOE organized a Tree Plantation drive on 3rd July, 2017 as a part of recruitment process. Plantations were done parallelly at 2 locations the NSS adopted village Donaje, and Taljaai area. 364 plantations were done by the Volunteers of N.S.S



All the volunteers gathered at SKN parking at 8:15 am. The volunteers were in huge number. Around 200 volunteers participated in the plantation drive. They were split into two groups. One group set off to work and Donaje while the other worked at Taljaai. The volunteers worked with great enthusiasm. Humanchain was created at Taljaai location to transport the saplings from office to the planting location. Holes were dig by the volunteers for plantation and then the saplings were planted.

100+ plantations were done at Taljaai location. In Donaje, around 250 plantations were done.

The plantation drive was a great success. The overall drive was co-ordinated by student coordinators Vedant Ghate, Bhushan Shimpi, Sanket Bhandare, Sujit Bidawe, Sushant Shelke, Nikita Mane and Nirupkumar Satpathy under the guidance of Prof. S.P. Pingat sir. The volunteers lived upto the motto **“Not Me But You”**.

2. Eco-Friendly Ganesh-Utsav

The N.S.S. unit of SKNCOE organized an event 'Eco-friendly Ganesh-Utsav' during Ganesh festival. This event was a large series of activities carried out by NSS team in collaboration with National Chemical Laboratory (NCL) and Pune Municipal Corporation (PMC).

Duration of event:

- Commencement-25th august 2017
- Completion - 4th September 2017

The aim of the event was to create social awareness about the pollution caused due to the immersion (visarjan) of Ganesh idols in the rivers, lakes, wells or other natural water sources.

The event contained series of activities like street plays, One to one communication with residents, rally and Pamphlet distribution. NSS volunteers performed street plays in various societies, public places. The theme of the street plays was eco-friendly immersion of Ganesh idols to preserve our natural water resources.

The message conveyed via volunteers was to prefer clay (shadu) idols instead of plaster of Paris



(POP) Ganesh idols. In case of POP idols, the immersion should be carried out at home using ammonium bicarbonate (ABC) powder in proper proportion with water. The powder packets were made available at PMC ward offices. One of PMC ward office was very close to our activity zone making our activities more effective.

The details of street plays performed in societies are as follows. The residents agreed to use new eco-friendly methods of immersion and appreciated the enthusiasm of NSS volunteers.

3. Panel Discussion

13th September 2017

To clarify and to linearize the multi-directional thoughts NSS SKNCOE team grabbed the opportunity of panel discussion that really helped a lot. Women empowerment was the topic of panel discussion.

The honourable panel members were Dr. AnuradhaSahastrabuddhe and Mrs. JyotiPathania. Also SKNCOE computer department faculty members Mr. S.S. Barde and Mrs. J N Nandimath were in the panel along with Prof. Sanjay Pingat.



Volunteers involved in discussion-



4. Blood Donation Camp

The NSS blood donation camp was organized on 16th september, at Student Activity Centre SKNCOE with the help of Smt. Kashibai Navale Hospital, Pune. It began at around 10 am and continued up to 5 pm. The campaign gathered a large number of Staff and students who voluntarily donated their blood as well as random stream of donors throughout. The people who participated in this event were happy in helping out the society in the way they could.

It was a wonderful experience spreading awareness and motivating the students. Besides college campaigning, we also promoted the drive by holding the posters with different slogans like DONATE BLOOD SAVE LIFE and encouraged as many students as possible in campus. As a result, there was an overwhelming response from the donors with their participation in this noble cause. In order to acknowledge each donor for their contribution, donors were distributed certificates provided by Sinhgad Blood Bank. They were also provided with refreshments not to feel dizzy or weak after donation.



5. Cleanliness Drive

29thSeptember 2017

The NSS unit of SKNCOE organised a cleanliness campaign at Ambegaon (Bk.), Pune. Volunteers of the NSS unit planned the campaign and actively participated. Volunteers started work at 7 am under the supervision of Prof. Sanjay Pingat (program officer NSS SKNCOE). Morning walkers also appreciated the activity by the NSS unit. In a span of three hours, students picked up wrappers, bottles, straws and dry/useless vegetation.

The cleanliness drive was made successful by NSS volunteers. volunteers cleaned all planned areas. Every day people in Ambegaon (bk) used to see lots of garbage spread on road and public places. NSS activity really made atmosphere of society clean and healthy.



Nss volunteers cleaning Sarkwada

6. NSS Special Camp Report

NSS Cell, SKNCOE at Donje Village, Pune. 15th to 21st jan 2018.

National Service Scheme (NSS) cell of Smt. Kashibai Navale College of Engineering, Pune has organized a One Week Special Camp at DONJE Village that comes in Pune District, Maharashtra. It is imperative to mention that the DONJE has been adopted by our college. As volunteers of NSS Cell SKNCOE regularly organize different activities in and around the campus, this time the volunteers planned to organize a special camp in the village which the college has adopted. The objective of this camp was to begin the interface with community and contribution to the upliftment of people therein.

The volunteers excitingly participated in the discussion and planned the roadmap for camp along with guided supervision of Mr. Sanjay Pingat sir, Programme Officer, NSS Cell SKNCOE. There were a total of 50 volunteers. They were divided into 5 groups. Each containing 10 volunteers. Groups were formed in such a way that one group should consist of volunteers from

different department, different courses and different language. Further, each group consisted both male and female volunteers. leaders were selected from each group for better coordination and delegation of responsibilities. Camp started on 15th January 2017. All the volunteers were excited. As preplanning, volunteers prepared for street play regarding 'Women Empowerment' and 'Child Education'. Also posters were prepared regarding the subject. Every volunteer was self-motivated and excited for the camp.

Day 1, 15th Jan2018

Finally the day everyone was waiting for, arrived. All volunteers reported to college at 7 a.m. We departed at 7.30 a.m. .Our stay during camp was at village 'Grampanchayat' office. There were 2 widely spaced rooms. Students settled in there with many unknown faces.

The responsibilities were assigned to Group leader and volunteers for proper working of the group. Out of 5 groups, 4 groups were assigned for building 'VanraiBandhara' and group 1 was assigned for cooking lunch for everyone. Along with all the required tools 4 groups left. At the workplace everyone was instructed about the work they were about to do. Total of 2 Bandhara were almost built. At the time of return everyone was a bit tired as well as happy with satisfaction. Then it was time for regular school activity. In evening volunteers performed 'Street play' in front of all villagers.



VanraiBandhara construction

Day 2, 16th Jan 2018.

The day started with yoga exercise early in the morning. After breakfast all volunteers gathered in groups and plan for the entire day was discussed. Out of 5 groups, 1 group was assigned for completing 'VanraiBandhara' and 3 groups were assigned for making Continuous Contour Trenches on 'Vanrai Hill'. At the end of the work 6 tranches were constructed and both Bandhara were completed. After having lunch we carried out regular school activity successfully. In the evening students played Cricket, Football and other outdoor games. Before dinner motivating guest lecture was assigned for volunteers. Bandhara work completed



CCT

DAY 3, 17TH JAN 2018

The day started with yoga exercise early in the morning and had breakfast. After that we planned to focus on contour trenching for next 4 days and 4 groups went with all required tools. At the end of work we completed 12 trenches. After having lunch we carried out regular school activity successfully. In the evening students played Cricket, Football and other outdoor games. Before dinner 'NSS Areal Supervisor' of SPPU Mr.AmitGogavale inspired all volunteers .

DAY 4, 18TH JAN 2018

The day started with yoga exercise early in the morning. As planned all 4 groups prepared for CCT .Then 4 groups went to work place. Volunteers had breakfast at workplace itself and then started work without passing time. At the end of the day we completed almost 17 trenches. After having lunch we carried out regular school activity which resulted in motivation of students. In the evening students played Cricket, Football and other outdoor games. Before dinner guest lecture was arranged for volunteers. After this lecture we had an interactive talk with young female leader Mrs.PoojaParge ,who is elected as first women Z.P. member from their village. This interaction was important regarding our social activities.

DAY 5, 19TH JAN 2018

The day started with yoga exercise early in the morning. As planned all 4 groups prepared for CCT .Then 4 groups went to work place. Volunteers had breakfast at workplace itself and then started work without passing time. At the end of the day we completed all planned 21 trenches. Our work was successfully accomplished. After having lunch we carried out regular school activity which resulted in motivation of students. In the evening students played outdoor games.In the evening our 4 senior NSS volunteers joined us and we had interactive session with them.This day was most important day in our camp as Mr.Pacharnesir,Dist. Officer of NSS SPPU visited our camp and appreciated our work.Day 5 was most successful camp day.

Day 6, 20TH JAN 2018

As per routine we started day with exercise. That day we had planned cleanliness drive for entire village. Villagers were so cooperative and most of them participated in the cleanliness drive with all NSS volunteers. At the end of the work we cleaned almost every road and social places in village. Then volunteers had lunch. That was last day of our school activity. Some of our volunteers visited high school in the village.In the evening all volunteers gathered in seminar hall and shared their experience. Before dinner guest Mr.Nachiket delivered a personality development lecture for volunteers.



Cleanliness Drive

DAY 7, 21st JAN 2018

This was last day of our camp. In the morning the Sarpanch of Donje village and Respected members of village appreciated our work biddedfarewale to volunteers. We had planned visit to old age home in the village. But due to some reasons we were not allowed to visit the place. Everyone packed their bags coordinators had revised their audit report of everything. Volunteers returned to college with successful camp and lifelong memories.

7. Old-age Home Visit

The N.S.S unit of SKNCOE organized an Old-age home Visit on the auspicious occasion of 69th Republic Day of India on 26th January, 2018. The old-age home which we visited was Abhalmaya Old Age Home and Hospital care Centre. It is located in ManikBaug, Sinhgad Road. It is a charitable trust set up by Dr Aparna Deshmukh.



All the volunteers gathered at Cultural Center at 11:30 am after attending the Flag Hoisting in front of Amul Café at 7:30 am. The volunteers were in a massive number and filled with enthusiasm and charisma. Around 50 volunteers participated in the Oldage home Visit event.

This was not just a meet and greet event but also a food donation drive in itself. All the volunteers contributed about Rs.50 and the collected total amount was used to buy food items for all the residents of the Abhalmayaoldage home. The food items which the volunteers bought included biscuits and a variety of fruits.

The volunteers then quickly arranged the arena for all the sweet grandpas and grandmas and started with the program. Volunteers performed a stunning street play which showcased the literacy issue in rural areas of India and awareness about child labour prohibition.

The street play was followed by “antakshiri” and some funny talks and gossips with the residents. Finally the volunteers donated all the food items and promised to provide any kind of help the old-age home in future. With all the blessings the volunteers received in Abhalmaya, they returned back to the college at 4:30 pm.

“Cherish all your happy moments; they make a fine cushion for old age”

8. Blood Donation Camp

The N.S.S unit of SKNCOE organised Blood Donation Camp on 19th march 2018 (Monday), inco-operation with Rotaract club of the pune. Aim of blood donation campaign was to generate awareness on Blood Donation and highlight its significance in saving lives during emergencies. The campaign gathered a large number of Staff and students who voluntarily donated their blood. Ever since the date for the blood donation drive was announced, NSS volunteers delivered the idea of campaign at different colleges of Sinhgad institute and worked hard to promote blood donation amongst the students and staff.



It was a wonderful experience spreading awareness and motivating the students. Besides college campaigning, we also promoted the drive by holding the posters with different slogans like DONATE BLOOD SAVE LIFE and encouraged as many students as possible in campus. As a result, there was an overwhelming response from the donors with their participation in this noble cause. In order to acknowledge each donor for their contribution, donors were distributed certificates provided by Sinhgad Blood Bank. They were also provided with refreshments not to feel dizzy or weak after donation.

A total of 120 Blood Bags were collected from all the campuses of Sinhgad College. Many of our members also donated blood. The goal was to collect total of 120 blood bags. Due to fine campaigning and communicating with campus the goal was completed at noon. Rotaract club members were very assistive. When NSS volunteers took the responsibilities Rotaract club members were totally fine with the campaigning plan. At the end of the day, club member felicitated Pingat sir as NSS representative for such great response and carrying out the activity. Rotaract club member also concluded that it will be great to carry out another activity with NSS SKNCOE unit in future

9. Food Donation

The N.S.S. Unit of SKNCOE organized Food Donation activity at dates 10th March, 2018 and 17th March, 2018.

*There's a well-known saying that "We make living by what we get....but we Make a life by what we give...."
We N.S.S. Unit made sure to have such a Vivid experience.*



10. Used Cloths and Stationery Donation

The N.S.S. unit of SKNCOE organized an Used cloths and stationary donation Event in collaboration with 'GoodWill India Foundation', Pune' for Old Cloths and Stationery Donation with guidance of prof. Sanjay Pingat sir the program Officer NSS SKNCOE. The Goodwill India foundation is a NGO which organises and promotes many social programs in all over the India. SKNCOE NSS team decided to use the opportunity for noble reason.



The aim of activity was to provide old cloths and stationery to Goodwill India foundation and to donate Old cloths to ABHALMAYA Old age home and orphanage. NSS volunteers well planned entire 7 days program from 12th march 2018 to 18th march 2018 in a meeting held before event. first three days were decided for campaigning and collection of used cloths as well as used stationary goods. one day was planned for sorting collected goods. last three day were planned for distribution of collected goods.

As decided and planned volunteers worked three days from 12th march 2018 to 15th march 2018 with full enthusiasm. Volunteers campaigned for donation in college and staff quarters as well as all residential societies in planned area. Nss unit successfully collected nearly **50 large size bags** containing **500 kg** of used cloths.

On 15th march 2018 volunteers gathered and sorted all collected cloths and stationary goods like story books, half used pens, pens with lost caps, half used notebooks, etc. All goods were divided into three parts and everything was ready to distribute. Goodwill India foundation collected cloths on 16th march 2018 and our half work was done. In next two days volunteers distributed remaining collection in 'Abhalmaya Old Age Home' and Orphanage. Everyone supported our activity and motivated us with complements and cheers.

PRAYAS YOUTH FORUM PUNE

PRAYAS–2018 REPORT

www.prayasyouthforum.org

Sr No	Activity	People Benefited
1	Prabhat Pheri	120+ Volunteers
2	Computer literacy	7,500+ Students
3	Teacher Training	50+ Teacher
4	Scientific Learning and Vedik Math's	7,250+ Students
5	Carrier Guidance and Men-Women Empowerment	2,000+ Students
6	Tree Plantation	25+ Villagers 40+ Volunteers
7	Blood Donation	7,500+ Students
8	Free Dental Check up	1163+ Students 74+ Volunteers
9	Competitions	2000+ Students
10	Prize Distribution	250+ Gifts Certificates to all participants

Activities Description.

1. Prabhat Pheri :

Prabhat Pheri and Davandi were organised on the second day of Camp in order to explain the schedule of Prayas camp and spread 'Jan-Jagruti' among villagers. It was to make people aware



about our presence in the village

2. Computer Literacy :

In 21st century, Computer is the significant tool of our daily lives. “Computing is not about computers anymore. It is about living.” The main emphasis of PRAYAS is on spreading computer awareness in rural areas and creating the never ending spark in them!

This year also, efforts were made to help students understand the basics about computer and to make them feel confident handling device. A phobia of dealing with the device is something stops them from growing . Prayas helps them deal with this phobia and nurture their qualities



3. Teacher training :

Teachers training, where teachers become student and Prayas volunteer becomes an instructor. The purpose is to spread computer literacy among rural teaching staff. The concept of 'Digital India' was focused upon. Various ways for the cashless transaction have been taught and also the misunderstanding and myths about the cashless transaction were clarified. And Villagers were able to understand the importance of cashless transactions and really found it easy. Teachers were quite intrested in learning Website Designing and Modifying Wikipedia. A very interactive session was conducted.



4. Scientific learning and Vedic maths :

Fun learning makes learning simple. Techniques explained in the form of toys, made two most tedious subjects ie. Science and Maths, student friendly. The scientific toys like balloon car, climbing butterfly etc. were used to demonstrate the scientific principles to the students in an innovative way! Various techniques from vedic maths like squaring any number, multiplying the two numbers etc. were taught to help the students increase their speed of calculations. Students found it very interesting and was quite brain storming for them.



5. Career Guidance and Men –Women Empowerment :

Prayas has introduced students to the ocean of knowledge. The convenient ways to their dreams and how to maneuver them. Awareness about the physical and emotional changes that teenagers go through. Impact of bad company and bad habits can prove dangerous in untold ways.



6. Tree Plantation :

Points like 'Importance of trees' and 'Conservation of mother earth' were highlighted by volunteers. Main focus was not to only plant the trees but harvest them in the future. What really counts is the small promise which every student made while leaving the school, the promise of protecting that tree and watering it regularly.



7. Blood Donation :

Prayas members as well as villagers firmly believe “Blood donation-True contribution in empowerment of nation” by donating the blood.



8. Free Dental Check up :

Free dental check up was organised to spread awareness amongst villagers and children about hygiene and tooth care.



9. Competitions :

Praas not only encourages academic activities but also has organised co-curricular and extra-curricular activities.

- 1) SPORTS - Kho-Kho, Kabaddi, Running
- 2) Extra-curricular - Elocution, Drawing, Essay competition



10.Prize Distribution :

Every year, Prayas nurtures qualities like sportsmanship and nourishes skills to help them maintain it lifelong. Various prizes were distributed to the winners! The library containing around 400 books was donated to the best school selected!



फॉर्मूला स्टूडेंट प्रतियोगिता

काशीबाई नवले इंजीनियरिंग कॉलेज का सराहनीय प्रदर्शन

पुणे, सं. मारुति, सुजुकी की ओर से 'सु.प्रा.एस.ए.ई. इंडिया- 2017' फॉर्मूला स्टूडेंट प्रतियोगिता का आयोजन किया गया था. यह प्रतियोगिता हाल ही में बुद्ध अंतरराष्ट्रीय परिषद, ग्रेटर नोएडा, दिल्ली में संपन्न हुई. प्रतियोगिता में काशीबाई नवले कॉलेज के 'स्टेलियन मोटरस्पोर्ट एस 30' इस टीम ने 4 था स्थान हासिल किया.

इस प्रतियोगिता के लिये देश से 126 टीमों ने सहभाग लिया था. नवले कॉलेज के विनय पवार के नेतृत्व में इस टीम ने 'बेस्ट

इंजीनियरिंग डिजाइन, बेस्ट कम्प्यूटर एडेड इंजीनियरिंग और फास्ट टेक्निकल इन्स्पेक्शन' आदि पुरस्कार जीते. प्रतियोगिता में

सर्वोत्कृष्ट मार्गदर्शन के लिए दिया जानेवाला 'द्रोणाचार्य पुरस्कार' कॉलेज टीम के मार्गदर्शक डॉ. अमर पांडे को प्रदान किया गया.

इस प्रतियोगिता के लिये बनाई गई फॉर्मूला रेस कार का डिजाइन विद्यार्थियों ने तैयार किया था. इस प्रतियोगिता के माध्यम से विद्यार्थियों को अभियांत्रिकी कौशल विकास, व्यवहारिक ज्ञान, व्यवस्थापन कौशल आदि सिखने का मौका मिला.

सिंहगढ़ टेक्निकल एजुकेशन सोसायटी के संस्थापक प्रा. एम. एन. नवले, सुनंदा नवले, रोहित नवले व रचना नवले-अग्रकर ने सफल विद्यार्थियों का अभिनंदन किया.



Kashibai Navale College crowned champions

SPORTS REPORTER
sports@sakaalimes.com

Pune: Smt. Kashibai Navale College of Engineering (SKNCOE) defeated Padmabhooshan Vasantrodada Patil Institute of Technology (PVPIT Budhgaon Sangli) to conquer the Shivaji Trophy, State level Inter Collegiate



Sourabh Kamble

SHIVAJI CRICKET

T20 Cricket Tournament, at Fergusson College Ground on Monday.

SKNCOE put up 141 for the loss of seven wickets in 20 overs. Rohan Devre was the top scorer with 46 runs while Himanshu Agarwal added 39 runs in 38 balls.

In reply PVPIT, Budhgaon, started on a good note with Nikhil Valsang scoring 51 off 57 balls. However, on

the other hand, wickets kept tumbling for PVPIT as they were bundled out for 100 runs in 18.2 overs.

Sourabh Kamble was the pick of the bowler for SKNCOE as he took three wickets giving away 17 runs. Sourabh also opened the batting for SKNCOE and scored 21 runs in 19 balls.

Along with trophy, SKNCOE got richer by Rs 20,000 while the runner-up got Rs 12,000 along with a trophy.

Brief Scores:

Final: SKNCOE 141 for 7 in 20 overs (Rohan Devre 46 (40b), Suyog Patil 2-19) beat PVPIT Budhgaon, Sangli 100 all out in 18.2 overs (Nikhil Valsang 51 (57b), Sourabh Kamble 3-17).

Result: SKNCOE won by 41 runs.
Man of the Match: Sourabh Kamble.

Other awards:

Best batsman: Sagar Birdawade (Dhole Patil, COE).

Best bowler: Aniruddha Hazare (PVPIT, Sangli).

Man of the series: Himanshu Agarwal (SKNCOE).

यशस्वी विद्यार्थ्यांचा सत्कार

धाचरी : वीरमाता जिजाबाई टेक्निकल इन्स्टिट्यूट, मुंबई येथे आयोजित केलेल्या टेक्नोवॉन्डा स्पर्धेत यश मिळविलेल्या काशीबाई नवले महाविद्यालयाच्या विद्यार्थ्यांचा नुकताच सत्कार करण्यात आला. या स्पर्धेत २ हजारहून अधिक विद्यार्थी सहभागी झाले होते. पीयूष वाणी, आदित्य गुणे, चिन्मय बोरडे, मयूर गांधी, यश गोगिरवार, जयेश गोपाळ, श्रीजय कुदळे, स्वानंद काटदरे, दिशा धुत, किशोर खटके, प्रणव मरे, नेहा दुरुडे, पीयूष चांदेकर या विद्यार्थ्यांचा सत्कार करण्यात आला.

या वेळी संतोष गोपाळ, सुरेश कट्टे, रामभाऊ गोपाळ, विश्वास सोडे, साईराज शिंदे, लक्ष्मण गोपाळ, मारुती गोपाळ, पुरुषोत्तम गोपाळ, प्रद्युम्न गोपाळ आदी उपस्थित होते.

Smt Kashibai registers close win over Keystone

SPORTS REPORTER
sports@sakaalimes.com

Pune: Smt. Kashibai Navale College of Engineering (SKN, COE) held their nerves in a tense match to secure a four run win over Keystone School of Engi-

SHIVAJI TROPHY

neering (Keystone SOE) in the Shivaji Trophy, State level Inter-Collegiate T-20 Cricket Tournament at FC College ground on Tuesday.

Brief Scores:

Match 1: Dhole Patil College of Engineering 141 for 8 in 20 overs (Sagar Birdawade 49, Parth More 2-19) bt TSSMS BSCOER 139 all out in 20 overs (Shubham Lakhampure 51, Gaurav Suryawanshi 2-19).
Match 2: SKN COE 162 for 4 in 18 overs



Shreyash Shinde

(Shreyash Shinde 82, Swapnil Bhosale 2-35) beat Keystone COE 158 for 5 in 18 overs (Suyesh Khutwad 46, Himanshu Agarwal 1-26).
Match 3: PVPIT, Davlhan 79 for 3 in 9.5 overs (Sudheep Dharangakar 45, Abhijeet Vaidya 2/20) beat PES Modern College 78 all out in 18.5 overs (Mihir Kale 21, Akshay Jadhav 3-11).



नवले अभियांत्रिकीत राष्ट्रीय परिषद उत्साहात

पुणे : प्रतिनिधी

श्रीमती काशीबाई नवले
अभियांत्रिकी महाविद्यालयामध्ये
सातवी राष्ट्रीय परिषद - २०१७
आणि प्रकल्प स्पर्धा उत्साहात पार
पडली. महाविद्यालयाच्या संगणक
शाखेच्या विद्यार्थ्यांनी आयोजित
केलेल्या या स्पर्धेत तब्बल १२०
पेक्षा जास्त संघांनी सहभाग
घेतला होता.

या वेळी महाविद्यालयाचे प्राचार्य
डॉ. ए. व्ही. देशपांडे, उपप्राचार्य डॉ.

के. आर. बोराले, डॉ. पार्ले, डॉ.
एम. एल. ढोरे, संगणक शाखेचे डॉ.
परिक्षीत महल्ले आदी उपस्थित होते.
या स्पर्धेचे नियोजन प्रा. प्रमोद माळी,
श्रीकांत माळी, गौरव कदमबांडे,
अविनाश टिंगरे आदींनी केले.
प्रकल्प स्पर्धेत प्रथम व द्वितीय क्रमांक
एम.आय.टी. महाविद्यालयातील
संघांनी मिळवला, तर तृतीय
क्रमांकांचे पारितोषिक काशीबाई
नवले महाविद्यालयातील संघांनी
पटकाविले.

STUDENT TRAINING PROGRAM HISTORY CARD



SINHGAD TECHNICAL EDUCATION SOCIETY'S
STUDENT TRAINING PROGRAM
HISTORY CARD

Sinhgad Institutes

Paste Student's Photo

Name of The Student _____

College _____ Branch _____ PRNo _____ Category _____ Yr. of Admn. _____

Permanent Address _____

Name of Guardian _____

Student Contact Details Email ID _____

Guardian Contact Details Email ID _____

FE Sem: I		A. Y.: 201 - 1	Roll No.:			Exam Seat No.			Teacher Guardian:	
	Subject	C/M	C/M	C/M	C/M	C/M	C/M	C/M	C/M	C/M
1	Subject Code									
College	2 Lectures									
	3 Practical									
	4 OL/InSem									
	5 OL2									
	6 Prelim									
	7 OL/InSem									QALR
SPPU	8 TH									
	9 TW									
	10 TO									
	11 OR									
	12 PR									
	13 Total Credits									
	14 GRD									
	15 CRD									
	16 GP									
	SGPA	Result	Sign of Student			Sign of TG			Sign of HoD	

FE Sem: II		A. Y.: 201 - 1	Roll No.:			Exam Seat No.			Teacher Guardian:	
	Subject	C/M	C/M	C/M	C/M	C/M	C/M	C/M	C/M	C/M
1	Subject Code									
College	2 Lectures									
	3 Practical									
	4 OL/InSem									
	5 OL2									
	6 Prelim									
	7 OL/InSem									QALR
SPPU	8 TH									
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	10 TO									
	11 OR									
	12 PR									
	13 Total Credits									
	14 GRD									
	15 CRD									
	16 GP									
	SGPA	Result	Sign of Student			Sign of TG			Sign of HoD	

Participation in Extra/ Co- Curricular Activity: _____

BE Sem: I		A. Y.: 201 - 1		Roll No.:		Exam Seat No.		Teacher Guardian:			
		Subject	C/M		C/M	C/M	C/M	C/M	C/M	C/M	
1	College	Subject Code									
2		Lectures									
3		Practical									
4		OL/InSem									
5		OL2									
6		Prelim									
7	SPPU	OL/InSem									QALR
8		TH									
9		TW									
10		TO									
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12		PR									
13		Total Credits									
14		GRD									
15		CRD									
16		GP									
SGPA		Result		Sign of Student		Sign of TG		Sign of HoD			

BE Sem: II		A. Y.: 201 - 1		Roll No.:		Exam Seat No.		Teacher Guardian:			
		Subject	C/M		C/M	C/M	C/M	C/M	C/M	C/M	
1	College	Subject Code									
2		Lectures									
3		Practical									
4		OL/InSem									
5		OL2									
6		Prelim									
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13		Total Credits									
14		GRD									
15		CRD									
16		GP									
SGPA		Result		Sign of Student		Sign of TG		Sign of HoD			

Value Added Program Attended

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Title of the Project

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The Director

National Assessment and Accreditation Council (NAAC)

(An Autonomous Institution of the University Grants Commission)

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