



Sanjivani Rural Education Society's

Sanjivani College of Engineering, Kopergaon- 423 603



IQAC/2019-20

Date: 03/11/2020

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2019-2020**

**Department: Mechanical Engineering**

Sr. No.	Particulars	Observation of the Auditor
<b>A. General Information of the department</b>		
A-5	Examination System	1. Department is following the examination scheme for F.Y. B.Tech. and M.Tech. I year as per norms of autonomy. 2. Department is following the examination scheme for SE, TE, and BE as norms of SPPU, Pune.
A-6	Record of participation of the department in the courses offered by other departments	Dealing with Engineering Graphics and Basic Mechanical Engineering for F.Y. B.Tech.
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	MoUs of collaboration with a few foreign universities have been signed and the process is in the pipeline.
A-9	Number of Teaching Post sanctioned and filled	Professor:-04/04 Asso. Professor:- 06/07 Asst. Professor:-28/28 ( <b>Refer Annex.-I</b> )
A-10	Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt./Ph.D./M.Phil. etc.,)	Verified profile of Dr. S. V. Bhaskar is verified.
A-13	Student-Teacher Ratio (programme wise)	UG:- 1:18.8 PG:- 1:12
A-14	Record of number of academic support staff	Available Peon:-06 Lab Assistants:- 07 Clerk:- 01 ( <b>Refer Annex.-II</b> )
A-16	Information about research grants, project completed and ongoing projects	Verified document of project sanctioned by BCUD-ASPIRE to Prof. S. R. Thorat and Prof. N. D. Sadaphal (Amount: 5,70,000/-) ( <b>Refer Annex.-III</b> )
A-17	Information of funds received	1. Seed money received from the Institute: Rs. 8 lakhs. 2. BCUD-Aspire 02 projects for 2019-2021, Rs. 5,70,000/- Lakh received, record verified.
A-20	Records of Consultancy services provided	Consultancy records are available with the department. Verified and found excellent ( <b>Refer Annex.-IV</b> ).
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	Total record is available with the department record are available with Prof. J. B. Ashtekar.
A-30	Details of departmental Infrastructural facilities	All records are available ( <b>Refer Annex.-V</b> )







A-32	Records of student enrichment programmes	Department is conducting student enrichment programmes. Records are available with Prof. J. B. Ashtekar ( <b>Refer Annex.-VI</b> ).
<b>B. Faculty Achievements</b>		
B-19	Records of Publications	4 publications with bibliometrics are verified and available with Prof. A. D. Wabale.
B-21	Record of participation of Faculty in various academic activities as members of committees at University level, State level, national level, International level bodies.	Faculty participation in various academic activities as members of committees at University level, State level, national level bodies is found satisfactory.
B-22	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	Dr. A. G. Thakur is working as reviewer for 'Journal of Advanced Manufacturing Technology', 'Metallography Microstructure and Analysis', 'African Journal of Engineering Research'.
B-23	Details of Awards /Recognitions received by Faculty	Prof. L.S. Dhamande and Prof. P.M. Patare are awarded with Ph.D. Dr. A.V. Damal and Dr. R.A. Kapgate are recognized as Ph.D. guides by SPPU, Pune. Department is recognized as Ph.D. research Center by SPPU, Pune. 7 Ph.D. scholars are working under Dr. A.G. Thakur and process of admission under other 2 guides is in progress.
<b>C. Students Achievements</b>		
C-25	Records of Student profile programme wise	Records are available with the department and are verified.
C-26	Records of year wise results of Student	Result analysis record is verified and available with Prof. Y. A. Bhavsar. BE result: May 2019: Pending due to COVID pandemic May 2018: 80.09 May 2017: 86.93.
C-27	Records of Diversity of students	Records are verified
C-28	Record of number of students cleared Civil services and Defence services examination, GATE and other examinations	In the AY-2019-20, 02 students qualified for GATE-2020 exam. Competitive examinations are postponed due to COVID pandemic.
C-29	Record of Student progression/ Placement record	Records are verified and found satisfactory. 81 students placed in AY 2019-20 through campus placement drive.
C-23	Details of Awards /Recognitions received by students	Records are verified and good number of students have received awards in different activities. ( <b>Refer Annex.-VII</b> )
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	NSS file is verified, records are available with Prof. N. S. Surner. Rushikesh Kacharu Bhand was selected for state level camp at SPPU, Pune.
<b>D. Teaching Learning Process</b>		
D-I	Course file	Verified Course file of F.Y. B. Tech. staff Prof. S.V. Bhaskar and TE staff Prof. H.P. Varade and found as per norms.
D-II	Laboratory File	Verified Lab file of F.Y. B. Tech. staff Prof.

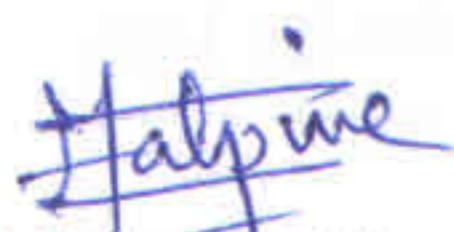



		A. S. Shaikh and TE staff Prof. N.D. Sadaphal and found as per norms.
D-III	Record of Content Beyond syllabus	Records of CBS are verified and found satisfactory. Records are available with Prof. H.P. Varade.
D-IV	Record of Self learning	Records are verified and are available with Prof. V. P. Bhaurkar.
D-V	Innovative teaching methodology adopted if any	Institute started working on design and implementation of its own Learning Management System (Sanjivani LMS) since January 2020. It has become fully operational from June 2020. The entire teaching-learning process including lectures, practical, tutorials, Quiz, assignments etc. are completely hosted on Sanjivani LMS. This has made teaching-learning process very effective in the Covid-19 pandemic situation.
D-VI	Use of ICT in class room & laboratory instructions	In view of COVID pandemic, all faculty used ICT tools such as Google class room, Google meet, Zoom etc. to conduct online classes. Moreover, faculty used Google forms to conduct online examinations and MCQ type quizzes.

**Special remarks by Auditors:- Nil**

  
Dr. A. G. Thakur  
Auditee

  
Dr. B.B. Bhosale (Auditor)  
K.J. Somaiya College, Kopergaon

  
Dr. N.V. Malpure (Auditor)  
SSGM College Kopergaon

  
Prof. R.G. Zope  
Coordinator, IQAC  
**Sanjivani College of Engineering**  
Kopergaon-423603

  
Dr. D. N. Kyatanavar  
Director & Chairman, IQAC  
**Director**  
**Sanjivani College of Engineering**  
Kopergaon

#### Annexure-I

Number of teaching posts:-

Post	Sanctioned	Filled
Professor	04	04
Associate Professor	07	06
Assistant Professor	28	28





### Annexure-II

Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post Name	Sanctioned	Filled
Laboratory Assistant	08	07
Clerk	01	01
Peon	06	06

### Annexure-III

Number of faculty with ongoing projects from (a) National and (b) International

Funding agencies and grants received:-

Sr. No.	Duration Year From To	Name of PI	Title of the project	Name of The funding agency	Grant Received (Rs)
1	2018-2021	Prof. S. R. Thorat Dr. A. G. Thakur	Investigation of Influence of Burnishing Process on Surface Properties of Aluminum Alloy	Research Mentorship Program, Aspire, BCUD, SPPU Pune	3,00,000/-
2	2018-2021	Prof. N. D. Sadaphal Prof. K. N. Wakchaure	Underwater Friction Stir Welding of Magnesium Alloy.	Research Mentorship Program, Aspire, BCUD, SPPU-Pune	2,70,000/-

### Annexure-IV

Areas of consultancy and income generated:

The major areas of consultancy are Pin on Disc Machine and FFT Analyzer available in Design Lab.

Machine	Year	Income Generated (Rs.)
Marathwada Association of Small Scale Industries (MASSIA), NIMA and GIZ Germany	2019-20	7,50,000.00
Marathwada Association of Small Scale Industries (MASSIA) and GIZ Germany	2018-19	1,90,000.00
FFT Analyzer	2019-20	15,000.00
FFT Analyzer	2018-19	1000.00
Design innovation Center, IDC IITB Mumbai	2018-19	30000.00
FFT Analyzer	2017-18	10000.00
FFT Analyzer	2016-17	10000.00





### Annexure-V

Details of Infrastructural facilities (Programme specific):-

Sr. No.	Infrastructural facility	Details of Item	Number
1	<b>Library</b> Total library Area : 1096.35 (Sq.m.) Library Timings Circulation Hrs: 9.00 am to 6.30 pm. Reading Hall with Capacity of 100 students : 8.00 am to 12.00am (Night)	Title	4446
		Volumes	11710
		Journals	18
		Journal In softcopy	149
		CDs	3351
2	MESA (Mechanical Engineering Student Association) Library	Total Books available	360
3	Central Internet laboratory facility for staff and students	Computers	120
		Internet facility and Bandwidth	80-100 Mbps
4	Classrooms	with ICT facility	7
		Drawing hall	3
5	Seminar Hall	with ICT facility	1
6	Laboratories	UG (Major equip. : Gas analyzer, I.C. Engine trainer kit)	14
		Post Graduate	1
		Research	1
7	Tutorial Room	UG	3
		PG	1

Sr no.	Name of Laboratory	Area (Sq. M)	Total number of experimental setups	Total cost of the laboratory equipments
01	Steam Laboratory	165	11	854613.00
02	Refrigeration and Air Conditioning	97	16	327407.00
03	Heat Transfer Laboratory	140	10	179987.00
04	I.C. Engines Laboratory	165	14	1702390.00
05	Fluid Machinery Laboratory	210	07	300005.00
06	Industrial Fluid Power Laboratory	82	04	338763.00
07	Mechatronics Laboratory	83	11	756006.00
08	Metallurgy Laboratory	165	44	2209001.00
09	Metrology Laboratory	66	45	802953.00
10	Theory of Machines Laboratory	97	15	280482.00
11	P.G. Design laboratory	66	12	2049923.00
12	Project laboratory	66	43	142132.00
13	CAD/CAM laboratory	100	----	10229085.00
14	Research Laboratory	66	03	358606.00

### Annexure-VI

Seminars/ Conferences/Workshops organized & the source of funding:-

➤ **National**

Sr.No.	Title of Workshop	Conference/Workshop	Duration	Source of Funding
1	Creo 4.0	Workshop	22/07/2019-10/09/2019	Self-Sponsored

*Signature*

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2	Lean Manufacturing	Workshop	19/09/2019	Self-Sponsored
3	Road Safety	Workshop	14/01/2020	Self-Sponsored
4	Python Programming(online course)	Workshop	22-24/7/2019	Self-Sponsored
5	Programming using CPP	Workshop	27-28 Jan2020	Self-Sponsored
6	Python Programming(online course)	Workshop	2,3,4 March	Self-Sponsored
7	Ansys	Workshop	10-25July 2019	Self-Sponsored
8	GD and T	Workshop	23/01,3-4/02/2020	Self-Sponsored

### Annexure-VII

#### Awards / Recognitions received by faculty and students

Sr. No	Event Name	Participant Name	Rank	Organized By
1	e-Yantra Robotics National Level Competition	Kunal Aglave, Sakshi Bhuse, Shreyas Kulkarni, Atharva Joshi	Winner	e-YANTRA, IIT Bombay
2	Project of The Year 2020 Contest An International Competition	Kunal Aglave Sakshi Bhuse	Winner	Dassault Systems
3	Inter – Zonal Tournament Baseball (Boys)	Pawar Manoj	2 <sup>nd</sup> place	T.C. College Baramati
4	Inter-Collegiate Tournament Table Tennis (Boys)	Jathar Kunal Penurkar Shailesh	Runner Up	Anrutvahini College Sangamner
5	Inter-Collegiate Tournament Hockey (Boys)	Surase Ganesh, Girase Sarang, Dungle Prameshwar, Ghorpade Shubham, Ingle Shubham, More Ajay, Patil Nidan, Kote Ravindra,	Winner	Anrutvahini College Sangamner
6	Inter-Collegiate Tournament Volleyball (Girls)	Asane Sakshi, Khond Mansi, Pawar Surekha, More Smita	Winner	Radhamai Kale Mahila Mahavidyalay, Ahmadnagar
7	Inter-Collegiate Tournament Volleyball	Deokar Shantanu, Shete Akash	Winner	Amrutvahini College, Sangamner
8	Inter-Collegiate Tournament Chess (Girls)	More Smita, Dhage Pooja, Gadekar Aishwarya	2 <sup>nd</sup> Place	A.C.S.College, Kolhar
9	Inter-Collegiate Tournament Baseball (Boys)	Mandlik Vaibhav, Pawar Manoj Khamkar Saurabh, Jadhav Krushna	Runner Up	Dada Patil Rajale College, Pathardi





Sanjivani Rural Education Society's  
Sanjivani College of Engineering, Kopergaon 423 603

IQAC/2019-2020

Date: 02/11/2020

ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2019-2020

Department: Civil Engineering

Sr. No.	Particulars	Observation of the Auditor												
A. General Information of the department														
A-5	Examination System	1. Department is following the examination scheme for F.Y. B.Tech and M.Tech. 1 year as per norms of autonomy. 2. Department is following the examination scheme for SE, TE, and BE as norms of SPPU, Pune.												
A-6	Record of participation of the department in the courses offered by other departments	Department offering services to F.Y. B.Tech for teaching the courses, Engineering Mechanics and Environmental Science for other departments.												
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	MoUs of collaboration with a few foreign universities have been signed and the process is in the pipeline.												
A-9	Number of Teaching Post sanctioned and filled	<table><tr><th>Posts</th><th>Sanctioned</th><th>Filled</th></tr><tr><td>Professors</td><td>05</td><td>05</td></tr><tr><td>Asso. Professors</td><td>11</td><td>00</td></tr><tr><td>Asst. Professors</td><td>29</td><td>32</td></tr></table> Staff list verified. Eligible candidates were not available for the post of Associate Professor.	Posts	Sanctioned	Filled	Professors	05	05	Asso. Professors	11	00	Asst. Professors	29	32
Posts	Sanctioned	Filled												
Professors	05	05												
Asso. Professors	11	00												
Asst. Professors	29	32												
A-10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)	Verified certificate of Dr. N. S. Naik.  At present -08 Ph.D. faculty and 12 are Pursuing.  Faculty profile is Better												
A-13	Student -Teacher Ratio (programme wise)	UG: 1:18  PG: 1:12												
A-14	Record of number of academic support staff	Available peon:-06  Lab Assistant:-05  Department clerk:-01												
A-16	Information about research grants, project completed and ongoing projects	BCUD Projects for Academic Year 2019-20 are pending due to Pandemic Situation of												





		COVID-19. AICTE Schemes - Applied but not scrutinized.
A-17	Information of funds received	DST and RPS need to be improve.
A-20	Records of Consultancy services provided	Consultancy Excellent. Total consultancy for Academic Year 2019-20 is Rs. Eight Lacks Sixty Five Thousand. ( Rs. 8,65,000/-)
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	A State level STTP on "Water Conservation Through Ferro -cement" conducted on 29-30 Aug 2019. Record is verified and record are available with Prof. U.T. Kulkarni.
A-30	Details of departmental Infrastructural facilities	Total 13 labs are available as per AICTE Norms and are well equipped as per the norms of SPPU and AICTE.
A-32	Records of student enrichment programmes	Total 8 programs are conducted by the department. Records are available with Prof. U.T. Kulkarni.
<b>B. Faculty Achievements</b>		
B-19	Records of Publications	19 publications with bibliometrics are verified and record available with Prof. B. M. Shinde.
B-21	Record of participation of Faculty in various academic activities as members of committees at University level, State level, national level, International level bodies.	Dr. M S Purkar is working as BOS Member of SPPU Pune. Faculty participation in various academic activities as members of committees at University level, State level, national level bodies is found satisfactory.
B-22	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	Record is available with department. Dr. A. S. Sayyad is on Editorial board of - 1. American Journal of Civil Engineering and Architecture 2. World Journal of Engineering Science
B-23	Details of Awards /Recognitions received by Faculty	Dr M. S. Purkar received Outstanding Engineer Award by IEI for the academic year 2019-20
<b>C. Students Achievements</b>		
C-25	Records of Student profile programme wise	Record is available with the department and is verified.  Total student admitted to F. Y. B. Tech:- 112
C-26	Records of year wise results of Student	Result analysis record is verified and available with Prof. A. V Ghogare. BE result: May 2020: Pending due to COVID pandemic May 2019: 87.80%



		May 2018: 88.44%
C-27	Records of Diversity of students	Records are verified Home State: 99.36% Other State: 0.64%
C-28	Record of number of students cleared Civil services and Defense services examination, GATE and other examinations	In the AY-2019-20, 03 students qualified for GATE-2020 exam. Competitive examinations are postponed due to COVID pandemic.
C-29	Record of Student progression/ Placement record	Records are verified and found satisfactory. 13 students placed in AY 2019-20 through campus placement drive.
C-23	Details of Awards /Recognitions received by students	Excellent participation of students. 1. All India Inter University Selection- 1 No. 2. Inter- zonal Tournament: 28 Participations and 1 winner. 3. Inter-collegiate Tournament- 39 Participations and 8 winners. 4. Academics University Rank holder awarded with 6 various university level prizes -1 No.
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	Records verified with NSS coordinator, The participation of Civil Engineering students are as: 1. Matdar Jan Jagruti Abhiyan -200 Students 2. Expert Lecture on "Vyasanmukti"- 150 Students
<b>D. Teaching Learning Process</b>		
D-I	Course file	Verified Course file of Prof. V. S. Chaudhary and found the contents as per the norms.
D-II	Laboratory File	Verified Laboratory file of Prof. V. S. Chaudhary and found the contents as per the norms.
D-III	Record of Content Beyond syllabus	Records of CBS are verified and found satisfactory. Records are available with Prof. S. S Kolapkar.
D-IV	Record of Self learning	Records are verified and are available with Prof. P.P Dange.
D-V	Innovative teaching methodology adopted if any	Institute started working on design and implementation of its own Learning Management System (Sanjivani LMS) since January 2020. It has become fully operational from June 2020. The entire teaching-learning process including lectures, practical, tutorials, Quiz, assignments etc. are completely hosted on Sanjivani LMS. This has made teaching-learning process very effective in the Covid-19 pandemic situation.






D-VI	Use of ICT in class room & laboratory instructions	In view of COVID pandemic, all faculties used ICT tools such as Google class room, Google meet, Zoom etc. to conduct online classes. Moreover, faculty used Google forms to conduct online examinations and MCQ type quizzes.
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**Special remarks by Auditors:**


1. Utilize seed money for research activity of students and faculty
2. Suggested to initiate on IPR, Patent and copyright and book chapters.

  
Dr. M S Purkar

Name and signature of Auditee:

  
Dr. B. B. Bhosale  
K.J. Somaiya College, Kopargaon  
Name and signature of auditors

  
Dr. N.V. Malpure  
SSGM College Kopargaon  
Name and signature of auditor

  
Prof. R.G. Zope  
Coordinator IQAC  
**Sanjivani College of Engineering**  
Kopargaon-423603

  
Dr. D. N. Kyatanavar  
Director & Chairman, IQAC  
**Sanjivani College of Engineering**  
Kopargaon





IQAC/2018-2019  
2020

Date : 2<sup>nd</sup> November

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2020-2021**  
**Department: Information Technology**

Sr. No.	Particulars	Observation of the Auditor															
<b>A. General Information of the department</b>																	
A-5	Examination System	<ul style="list-style-type: none"> <li>F.Y. B. Tech as per Sanjivani Autonomous Credit based System</li> <li>SE, TE and BE as per SPPU Pune, Credit based System</li> </ul>															
A-6	Record of participation of the department in the courses offered by other departments	Department offering services to <ul style="list-style-type: none"> <li>F.Y. B. Tech in Mechanical Engineering for the course Computer Fundamentals of Programming</li> </ul>															
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Five MoU with leading Industries such as 1) Xento System Pvt. Ltd, Pune 2) RedHat India 3) SAP Primus, Pune 4) FACE Pune 5) MASSIA, Aurangabad. 6) ERP Solution development, GIZ Nashik															
A-9	Number of Teaching Post sanctioned and filled	<table> <tr> <th>Name</th><th>No. of Post Sanctioned</th><th>Filled</th></tr> <tr> <td>Professor</td><td>1</td><td>01</td></tr> <tr> <td>Associate Professor</td><td>2</td><td>01</td></tr> <tr> <td>Assistant Professor</td><td>8</td><td>12</td></tr> <tr> <td>Visiting Faculty</td><td></td><td>01</td></tr> </table>	Name	No. of Post Sanctioned	Filled	Professor	1	01	Associate Professor	2	01	Assistant Professor	8	12	Visiting Faculty		01
Name	No. of Post Sanctioned	Filled															
Professor	1	01															
Associate Professor	2	01															
Assistant Professor	8	12															
Visiting Faculty		01															
A-10	Faculty profile with name, qualification, designation, specialization . (D.Sc./D.Litt./Ph.D. / M. Phil. etc)	Profile of Individual faculty was verified and found OK. Total number of faculty available in the department is 15 (including one Visiting Faculty).															
A-13	Student -Teacher Ratio (programme wise)	Student Teacher Ratio is as per intake(60+72+72+72) 276/14=19.71															
A-14	Record of number of academic support staff	<table> <tr> <th>Name of Post</th><th>Sanction</th><th>Filled</th></tr> <tr> <td>Technical Assistant</td><td>1</td><td>1</td></tr> <tr> <td>Lab Assistant</td><td>1</td><td>1</td></tr> <tr> <td>Clerk</td><td>1</td><td>1</td></tr> <tr> <td>Peon</td><td>2</td><td>2</td></tr> </table>	Name of Post	Sanction	Filled	Technical Assistant	1	1	Lab Assistant	1	1	Clerk	1	1	Peon	2	2
Name of Post	Sanction	Filled															
Technical Assistant	1	1															
Lab Assistant	1	1															
Clerk	1	1															
Peon	2	2															
A-16	Information about research grants, project completed and ongoing projects	-Nil-  Research Grant need to be improved.															
A-17	Information of funds received	Nil, Need to improvement.															
A-20	Records of Consultancy services provided	<b>A.Y. 2019-20</b> Total Rs. 20,000/- (Twenty Thousand) Rs. 20,000/- ERP Solution Development, Amalgamated Pvt. Ltd., Nashik <b>In House</b>															



		<ul style="list-style-type: none"> <li>Library Management System with Barcode reader (LMS)</li> <li>Sanjivani Bus Pass Generation System</li> <li>Online Examination Form Filling System for SCOE</li> </ul> <p><b>A.Y. 2018-19</b> Total Rs. 1,60,000/-  Rs. 60,000/- Vispute Jewellers, Kopergaon  Rs. 1,00,000/- Dreamwarez Pune.  <b>A.Y. 2017-18</b> Rs. 50,000/- MPKV Rahuri.</p> <p><i>There is improvement in the consultancy activities and revenue generation.</i></p>
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	<ul style="list-style-type: none"> <li>Two Days Android Workshop, attended by 40 Students.</li> <li>Two days Sanjivani Techfest Event for all Students of SCOE</li> <li>One Day Smart India Hackathon (SIH) 2020, attended by 78 Students.</li> </ul>
A-30	Details of departmental Infrastructural facilities	Total No. of Laboratory:08 Class Room: 03 Seminar Hall: 01 Tutorial Room: 01
A-32	Records of student enrichment programmes	<b>A.Y.2019-20</b> , Total 13 different programs were conducted for enrichment of student.
<b>B. Faculty Achievements</b>		
B-19	Records of Publications	<b>2019-2020</b> 09 2018-2019 07 2017-2018 04 Number of Publication to faculty Ratio=9/14=0.64 for A.Y. 2019-20 <i>Remark: Publication need to be increased.</i>
B-21	Record of participation of Faculty in various academic activities as members of committees at University level, State level, national level, International level bodies.	<b>A.Y. 2019-20</b> Prof. Dr. M.A. Jawale has worked as Expert for Data structure and Files in association with SPPU, Pune <b>A.Y. 2018-19</b> Mr. A. A. Barbind Subject Expert for Distributed Computing System at PDEA College of Engineering, Pune in association with SPPU, Pune
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	<b>A.Y. 2019-20</b> 1)Dr. M. B. Gawali reviewer of Journal of Computer Science. 2)Dr. M. B. Gawali reviewer of Journal of Computer Science. 3)Dr. M. B. Gawali reviewer of Journal of Cloud Computing.
B-23	Details of Awards /Recognitions received by Faculty	<b>A. Y. 2019-20</b> Dr. M. A. Jawale received Best Teacher (Professional Course)Award from SP Pune University, Pune <b>A. Y. 2018-19</b> Dr. M. A. Jawale received Best Engineering College Teacher Award from Maharashtra and Goa section of ISTE.  Faculty Awards are average and need to improve.
<b>C. Students Achievements</b>		
C-25	Records of Student profile programme wise	2019-20: 60 Students admitted (Male-31, Female-27) 2018-19: 60 Students admitted (Male-32, Female-28)



		Records are verified and found OK
C-26	Records of year wise results of Student	A.Y. 2019-20 Results are awaited due to pandemic situation of Covid-19. A. Y. 2018-19 Final Year result May 2019 is 100% A. Y. 2017-18 Final Year result May 2018 is 100%
C-27	Records of Diversity of students	A. Y. 2019-20: 98.33% of students from home state and 1.66% from other state. A. Y. 2018-19: 98.73% of students from home state and 1.26% from other state.
C-28	Record of number of students cleared Civil services and Defence services examination, GATE and other examinations	Nil
C-29	Record of Student progression/ Placement record	UG to PG-0% (A.Y. 2018-19, 2017-18) A.Y.2019-20: In campus placement: 73% A.Y.2018-19: In campus placement: 23/78=29.48 % A.Y.2017-18: In campus & off campus placement: 38/62=61.29 %
C-23	Details of Awards /Recognitions received by students	<ul style="list-style-type: none"> <li>Shabtanu Vetal is winner of National Level Inter-Engineering Sports Meet "SUMMIT-19" (Team Member of Baseball Team)</li> <li>Pravin Gaikwad, Shubham Magar, Akshay Burkul, Saurav Khandagale, National Conference (ABMSAHT-2020) Paper Presentation "IoT based smart home automation by sensor node"</li> <li>Total Nos of Students <b>342 have Completed Online</b> Certificate like Coursera/ Udemy 192 NPTEL Online Certificate</li> </ul> <p><i>Students' awards are Average and needs to be increased.</i></p>
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	A.Y. 2019-20 Students have conducted the Cyber Awareness Camp for College and school student. Yoga day, Van Mahatsav-Tree Plandation, SWwchhtata Pakhwada.Road Safety Week-2020. Matdar Janjagruti Abhiyan.
<b>D. Teaching Learning Process</b>		
D-I	Course file	Couse file of Ms. K. D. Patil for subject DELD For Second Year IT has been verified. No. of lectures planned 51 lectures and executed 69 lectures.
D-II	Laboratory File	Lab file of Mr. R. N. Kanakrale for subject SL-I For T.E. IT has been verified. No. of practical turn planned 23 and executed 20.
D-III	Record of Content Beyond syllabus	Content Beyond Syllabus on topic Embedded Architecture for subject Ubiquities Computing was conducted and student evaluation is done.
D-IV	Record of Self learning	No. of Students allotted for Self-Learning to Ms. Devyani Bhamare 20. Presentation of the student on their respective topic was taken and evaluation is carried out. Record found OK.
D-V	Innovative teaching	Capsule Course, Problem based Learning, NPTEL Video,



	methodology adopted, if any	YouTube video
D-VI	Use of ICT in class room & laboratory instructions	<p>Institute started working on design and implementation of its own Learning Management System (Sanjivani LMS) since January 2020.</p> <p>It has become fully operational from June 2020. The entire teaching-learning process including lectures, practical, Tutorials, Quiz, assignments etc. are completely hosted on Sanjivani LMS. This has made teaching-learning process very effective in the Covid-19 pandemic situation.</p>



Special remarks by Auditors: Nil

Name and signature of Auditee

Dr. M. A. Jawale  
Head, IT Deptt.

Name and signature of auditors

Dr. B. B. Bhosale

Name and signature of auditors

Dr. N.V. Malpure

Prof. R. G. Zope  
Co-ordinator, IQAC  
Sanjivani COE, Kopergaon  
Sanjivani College of Engineering  
Kopergaon-423603

Dr. D. N. Kyatanavar  
Director,  
Sanjivani COE, Kopergaon  
Sanjivani College of Engineering  
Kopergaon





Sanjivani Rural Education Society's  
Sanjivani College of Engineering, Kopargaoon 423 603

IQAC/2019-2020

Date: 2/11/2020

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2019-2020**

Department: **Computer Engineering**

Sr. No.	Particulars	Observation of the Auditor
<b>A. General Information of the department</b>		
A-5	Examination System	<p>As per SPPU Pune, credit System, records are available for SE, TE, BE and for F.Y. as per Autonomous College Exam System.</p> <p>Due to Pandemic satiation of COVID- 19, examinations of Final Year UG &amp; PG are conducted online.</p> <p>Records checked and found ok.</p>
A-6	Record of participation of the department in the courses offered by other departments	<p>Department offering services to first year engineering in Mechanical, Civil, E&amp;TC, Computer, Electrical Engg. For Fundamental Programming Lang. - 1 &amp; 2. Time Table verified from time table I/C Prof. V.N.Nirgude.</p> <p>Department is participated in conducting the online examination of other departments also. Department is always giving a e- solutions to other departments related to various technical problems such as conducting online exams, online feedback system, computer purchasing and hardware software purchasing and maintenance.</p>





A-7	Courses in collaboration with other universities, industries foreign institutions, etc.	MoU with leading Industries are: 1) Xento Systms Pvt. Ltd, Pune 2) SAP Primus , Pune 3) MASSIA, Aurangabad 4) Oracle Academy 5) UI path 6) Comp TIA Verified the records available in the department.																						
A-9	Number of Teaching Post sanctioned and filled	<table><tr><th>Title</th><th colspan="2">Sanctioned</th><th>Filled</th></tr><tr><td></td><th>UG</th><th>PG</th><td></td></tr><tr><td>Professors</td><td>03</td><td>01</td><td>03</td></tr><tr><td>Associate Professors</td><td>07</td><td>01</td><td>01</td></tr><tr><td>Asst. Professors</td><td>22</td><td>01</td><td>24</td></tr></table> <p>Advertisement was published for Interview of Associate Professor, an interview was conducted for same posts, but no suitable candidate was found.</p> <p>Also few Associate Professors are promoted to post of Professor.</p>	Title	Sanctioned		Filled		UG	PG		Professors	03	01	03	Associate Professors	07	01	01	Asst. Professors	22	01	24		
Title	Sanctioned		Filled																					
	UG	PG																						
Professors	03	01	03																					
Associate Professors	07	01	01																					
Asst. Professors	22	01	24																					
A-10	Faculty profile with name, qualification, designation, specialization;(D.Sc./D.Litt. /Ph.D./M.Phil.etc.,)	Faculty profile of individual faculty was verified and found OK.																						
A-13	Student-TeacherRatio(programm ewise)	Actual Student teacher ratio is as per intake; UG : 17.28 and PG: 12																						
A-14	Record of number of academic support staff	<table><tr><th>Post Name</th><th>Sanctioned</th><th>Filled</th></tr><tr><td>Laboratory Assistant</td><td>04</td><td>04</td></tr><tr><td>Clerk</td><td>01</td><td>01</td></tr><tr><td>Peon</td><td>04</td><td>04</td></tr></table>	Post Name	Sanctioned	Filled	Laboratory Assistant	04	04	Clerk	01	01	Peon	04	04										
Post Name	Sanctioned	Filled																						
Laboratory Assistant	04	04																						
Clerk	01	01																						
Peon	04	04																						





		Restructuring Components Data Via Software (MASSIA)	2018-2019	25,000/-																									
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	<table><tr><th>Sr. No</th><th>Seminar/ conference /workshop</th><th>Name of the event</th><th>Durati on</th><th>Funding agency</th><th>Funds received Rs.</th></tr><tr><td>1</td><td>Workshop</td><td>Applica tion of Soft computi ng</td><td>2 days</td><td>BCUD</td><td>1,00,000. 00</td></tr><tr><td>2</td><td>Workshop</td><td>Big Data &amp; IOT</td><td>2 days</td><td>BCUD</td><td>2,00,000. 00</td></tr><tr><td>3</td><td>STTP</td><td>Block Chain &amp; Crypto Currenc y</td><td>One Week</td><td>AICTE</td><td>4,00,000/</td></tr></table>	Sr. No	Seminar/ conference /workshop	Name of the event	Durati on	Funding agency	Funds received Rs.	1	Workshop	Applica tion of Soft computi ng	2 days	BCUD	1,00,000. 00	2	Workshop	Big Data & IOT	2 days	BCUD	2,00,000. 00	3	STTP	Block Chain & Crypto Currenc y	One Week	AICTE	4,00,000/			
Sr. No	Seminar/ conference /workshop	Name of the event	Durati on	Funding agency	Funds received Rs.																								
1	Workshop	Applica tion of Soft computi ng	2 days	BCUD	1,00,000. 00																								
2	Workshop	Big Data & IOT	2 days	BCUD	2,00,000. 00																								
3	STTP	Block Chain & Crypto Currenc y	One Week	AICTE	4,00,000/																								
A-30	Details of departmental Infrastructural facilities	Total Labs in Dept. are 13. Total Class Rooms are 05 Seminar Hall, Tutorial rooms are 01 Records are checked and found ok.																											
A-32	Records of student enrichment programmes	a) Workshop : 25 b) Short term Courses : 15 c) Certified Courses : 02 d) Guest Lecture : 57																											
B. Faculty Achievements																													
B-19	Records of Publications	Year	Count	Indexing	Ratio of Nos publication to faculty																								
		2019-20	28	Scopus	1.00																								
		2018-19	15	Scopus	0.46																								





A-16	Information about research grants, project completed and ongoing projects	<p>Total 7 research projects grants founds. Out of it 5 projects are from BCUD, SPPU, Pune (4 completed, one ongoing). One research project grants is ongoing for AICTE, RPS and one ongoing research grants for AICTE MODROB.</p> <p>The progress is satisfactory.</p> <p>As well the institution is giving the seed money to faculty for conducting research work.</p>		
A-17	Information of funds received	<ol style="list-style-type: none"><li>1. In Year 2019-2020 Prof. V.N. Nirgude received grants of Rs 2,00,000.00/- for project "Detection or prevention of pomegranate diseases using wireless sensor network"</li><li>2. In 2018-2019 Dr. A.B.Pawar received sanction for AICTE- RPS of Rs- 10,79,000/- for project "A smart &amp; eco friendly system based on IoT for an urban India."</li><li>3. In 2019-20 Dr. D.B.Kshirsagar received grants for AICTE – MODROB of Rs. 10,00,000/- for "Modernization of Project Lab as High Performance Computing Lab."</li></ol> <p>All available records are checked and verified.</p>		
A-20	Records of Consultancy services provided	Areas	Year	Income Generated (Rs.)
		Website Development	2016-2017	10,000/-
		Hostel Management	2016-2017	10,000/-
		Website Development	2017-2018	10,000/-
		Hostel Management	2017-2018	10,000/-
		Web site development	2018-2019	35,000/-
		Feedback Management	2018-2019	45,000/-
		Development of Material Movement Software (MASSIA)	2018-2019	25,000/-





		Publications in standard journals are increased			
B-21	Record of participation of Faculty in various academic activities as members of committees at University level, State level, national level, International level bodies.	1. Dr.D.B.Kshirsagar, Dr.A.B.Pawar, was worked as BOS committee members in SPPU.			
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	Prof. H.E. Khodke, Prof. S.S. Shaikh, Prof. S.A. Bhosale are working as a Editorial Board for the journals (IJASRET, OAIJSE) in year 2019-20. Records for previous years are available.			
B-23	Details of Awards /Recognitions received by Faculty	Name	Award	Given by	Year
		Dr.D.B. Kshirsagar	Outstandig Engineer award	The Institution of Engineers (India)	2019-20
		Dr.K. Vengatesn	Best paper award	PECTEA M 2K20	2019-20
Records checked and found ok.					
C. Students Achievements					
C-25	Records of Student profile programme wise	Year	Students Admitted	Male	Female
		2019-20	136	99	37
		2018-19	125	65	60
		2017-18	129	65	64
Records checked and found ok.					
C-26	Records of year wise results of Student	Year	Final Year Results		
		2019-20	Results pending due to Pandemic situation of COVID -19		
		2018-19	100%		
		2017-18	95.74%		
Records checked and found ok.					





C-27	Records of Diversity of students	Year	Course	MS state students	QMS students
		2019-20	UG- Comp	135	1
		2018-19	UG-Comp	125	1
		2017-18	UG-Comp	128	1
		2019-20	PG-Comp	2	-
		2018-19	PG-Comp	1	-
		2017-18	PG-Comp	5	-
		Records checked and found ok.			
C-28	Record of number of students cleared Civil services and Defense services examination, GATE and other examinations	Year	GATE	CIVIL services	Defence
		2019-20	Nil	Exam are postponed due to COVID-19	Nil
		2018-19	4	Nil	Nil
		2017-18	Nil	Nil	Nil
		Records checked and found ok.			
C-29	Record of Student progression/ Placement record	Student progression	2019-20	2018-19	20178-18
		UG to PG	Nil	1	Nil
		Employed in Campus Selection	100	67	21
		Placements are improved.			
		Records checked and found ok			
C-23	Details of Awards /Recognitions received by students	Mr. Punjabi Shivkumar, Mr. Atharva Gujrathi, Mr. Prasanna Kyatanavar and Mr. Bhagawat Omkar recived the best paper award at International Conference in Panimalar Engineering College, Chennai.			
		Record checked and found ok.			



C-34	Records of students Participation in Institutional Social Responsibility and extension activities	<p>Total 14 activities were conducted by NSS in AY 2019-20.</p> <p>On 21/06/2019 International Yoga Day Celebration was done. For this activity 49 faculty and 05 students were present.</p> <p>Records checked and found ok.</p>
<b>D. Teaching Learning Process</b>		
D-I	Course file	<p>Yes, records are available. Prof. B.J. Dange course file for subject ICS – Information Cyber Security Class B.E. Computer is checked and verified.</p> <p>Found up-to-date.</p>
D-II	Laboratory File	<p>Yes, records are available. Prof. B.J.Dange lab file for subject ICS , Class B.E .Computer is checked and verified. Found up-to-date.</p>
D-III	Record of Content Beyond syllabus	<p>Content Beyond Syllabus for ICS Subject is checked. Students list , Mark List, and sample PPT , notes checked records found OK.</p>
D-IV	Record of Self learning	<p>Self-learning for the ICS subject checked and found Ok.</p> <p>20 students are allotted to ICS subjects. Presentation and explanation by individual students was conducted. Allotted students list and marks are given out of 10.</p> <p>Records checked and found OK</p>
D-V	Innovative teaching methodology adopted if any	<p>Staff adopted teaching methodology like – NPTEL Videos, Capsule Courses , Google Class, wordpress.</p> <p>Due to pandemic COVID- 19 all staff members are effectively using the LMS platform for Teaching and Learning process.</p>
D-VI	Use of ICT in class room & laboratory instructions	<p>Institute started working on design and implementation of its own Learning Management System (Sanjivani LMS) since January 2020. It has become fully operational from June 2020.The entire teaching-learning process including lectures, practical, Tutorials, Quiz, assignments etc. are completely hosted on Sanjivani LMS. This has made teaching-learning process very effective in the Covid-19 pandemic situation.</p>





**Special remarks by Auditors –**

1. All records are maintained properly and updated regularly.
2. Department should go for Ph.D. Research Centre.
3. Department is having a strong Feedback System. Considering autonomy, feedback by students on Curriculum Development is expected.

Name and signature of Auditee

Dr. D.B. Kshirsagar  
HOD (Computer Engineering)

Name and signature of auditors

Dr. B.B. Bhosale  
K.J. Somaiya College, Kopergaon

Dr. N.V. Malpure  
SSGM College Kopergaon

Prof. R.G. Zope  
Coordinator IQAC  
**Sanjivani College of Engineering**  
Kopergaon-423603

Dr. D. Kyatanavar  
Director & Chairman, IQAC  
**Sanjivani College of Engineering**  
Kopergaon





Sanjivani Rural Education Society's

Sanjivani College of Engineering, Kopergaon 423 603

IQAC/2019-2020

Date:02 /11/2020

## ACADEMIC AND ADMINISTRATIVE AUDIT REPORT FOR 2019-2020

Department: Electronics & Telecommunication Engineering

Sr. No.	Particulars	Observations of the Auditors												
<b>A. General Information of the department</b>														
A-5	Examination System	1. FY and I <sup>st</sup> year M. Tech: Credit based system as per the academic autonomy of the Institute 2. SE, TE, BE and II <sup>nd</sup> year M.E: As per SPPU, Pune, Credit based system. PR/OR Examination records were verified and found OK.												
A-6	Record of participation of the department in the courses offered by other departments	Department offers services to first year (All Branches) Engineering.												
A-7	Courses in collaboration with other Universities, industries, foreign institutions, etc.	As per Annexure I												
A-9	Number of Teaching Posts sanctioned and filled	2019-20 <table> <tr> <td></td><td>Sanctioned</td><td>Filled</td></tr> <tr> <td>Professors</td><td>02</td><td>02</td></tr> <tr> <td>Asso.Prof.</td><td>04</td><td>01</td></tr> <tr> <td>Asst.Prof.</td><td>12</td><td>15</td></tr> </table> <p>Conducted interviews as per University statues for selection of candidates.</p>		Sanctioned	Filled	Professors	02	02	Asso.Prof.	04	01	Asst.Prof.	12	15
	Sanctioned	Filled												
Professors	02	02												
Asso.Prof.	04	01												
Asst.Prof.	12	15												
A-10	Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./Ph.D./M.Phil. etc.)	2019-20 <p>Professors: 02</p> <p>Asso.Prof.: 01</p>												





		Asst.Prof.: 15 Number of Ph.Ds: 04 Data has been verified and found OK												
A-13	Student-Teacher Ratio (programme wise)	UG 23:1 PG 12:1												
A-14	Record of number of academic support staff	<table><thead><tr><th></th><th>2018-19</th><th>2019-20</th></tr></thead><tbody><tr><td>Tech.Asst.</td><td>05</td><td>04</td></tr><tr><td>Lab. Asst.</td><td>02</td><td>02</td></tr><tr><td>Peons</td><td>03</td><td>03</td></tr></tbody></table>		2018-19	2019-20	Tech.Asst.	05	04	Lab. Asst.	02	02	Peons	03	03
	2018-19	2019-20												
Tech.Asst.	05	04												
Lab. Asst.	02	02												
Peons	03	03												
A-16	Information about research grants, projects completed and ongoing projects	For 2018-19 NIL Grant of Rs.10 lacs was sanctioned by AICTE under MODROB proposal for Microwave and Fiber Optic Communication Lab for the period 2019-21. Due to COVID-19 pandemic situation, Grant Disbursement is on hold.												
A-17	Information of funds received	2018-19 NIL 2019-20 Rs.10 lacs												
A-20	Records of Consultancy services provided	2019-20 NIL Need to be improved Efforts are on, but could not materialise due to COVID-19 pandemic												
A-25	Records of details of Seminars /Conferences/Workshops organised and the source of funding	Two Weeks FDP on 'Emerging Trends in Speech, Image and Video Processing Techniques' was conducted during 25 <sup>th</sup> November-7 <sup>th</sup> December (Sponsored by AICTE, New Delhi.) Funds Sanctioned Rs.5,22,000/-												
A-30	Details of departmental Infrastructural facilities	Class Rooms: 03 Tutorial Rooms: 02 Seminar Hall: 01												





		Laboratories: 13
A-32	Records of student enrichment programmes	2017-18: 03 2018-19: 05 2019-20: 12  Expert Lecture on "Career and Opportunities for Engineers in Defence" by Capt. Abhilash Kulkarni, Infantry, Indian Army was held on 16 <sup>th</sup> September 2019.  Records verified and found OK.
<b>B. Faculty Achievements</b>		
B-19	Records of Publications	2019-20  Journals: 07  International Conferences: 06  National Conferences: 00  Publication to Faculty Ratio: 0.722  2018-19  Journals: 03  International Conferences: 05  National Conferences: 08  Publication to Faculty Ratio: 0.707  2017-18  Journals: 14  National Conferences: 02  Publication to Faculty Ratio: 0.615  Need to be improved
B-21	Record of participation of Faculty in various academic activities as members of committees at University level, State level, National level,	National Committee: 02





	International level bodies	
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and International levels.	Editorial Board: 04
B-23	Details of Awards /Recognitions received by Faculty	1. Dr. N. K. Darwante was awarded Ph.D 2. Prof. S. K. Gupta qualified in GATE 2020 with a score of 580 (All India rank 2425)
<b>C. Students Achievements</b>		
C-26	Records of Student profile (Programme wise)	2019-20 Total Number of students: 135 69(M), 66(F)
C-26	Records of year wise results of students	2019-20: Results awaited 2018-19: 79.85% 2017-18: 84.30% Results of 2019-20 are pending due to COVID-19 pandemic
C-27	Records of Diversity of students	2019-20: 96.93% from Home state 3.07% from other states 2018-19: 100% from Home state 2017-18: 100% from Home state
C-28	Records of number of students cleared Civil services and Defence services examination, GATE and other examinations	2019-20: Many examinations are postponed due to COVID-19 2018-19: NIL 2017-18: NIL Need to be improved
C-29	Records of student progression/ Placement record	2019-20: UG to PG: 00 Campus and off campus selection: 83 out of 119 2018-19: UG to PG: 03 Campus and off campus selection: 25 out of 145





		2017-18: UG to PG: 03 Campus and off campus selection: 46 out of 121 Need to be improved
C-23	Details of Awards /Recognitions received by students	2019-20 National:01 State:08 2018-19 National:21 State: 07 2017-18 National:20 State: 01 As per Annexure II
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	As per Annexure III Checked and found OK.
<b>D. Teaching Learning Process</b>		
D-I	Course file	Course File of the subject DE at SE (E&Tc) of Prof. D.P. Mahurkar was checked. Number of lectures allocated: 55, Number of lectures engaged: 55
D-II	Laboratory File	Laboratory Manual of the subject Data Structures & Algorithms at SE (E&Tc) was checked and found OK.
D-III	Record of Content Beyond syllabus	Subject: DE at SE(E&Tc), Topic: Ladder Logic and Ladder Diagram Attendance, Question paper, Answer Sheet and Mark Sheet were checked and found OK.
D-IV	Record of Self learning	Subject: Computer Networks & Security at BE(E&Tc), Topic: File Transfer Protocol Name of the student: Pansare Megha Date of Presentation: 05/09/2019. Records verified and found to be OK.
D-V	Innovative teaching methodology adopted if any	Institute started working on design and implementation of its own Learning Management System (Sanjivani LMS) since January 2020. It has become fully operational from June 2020. The entire teaching learning process including lectures, practicals, tutorials, assessment tests, assignments etc. are hosted on the Sanjivani LMS. This has made teaching learning process very effective in the wake of COVID 19 pandemic situation.





D-VI	Use of ICT in class room & laboratory instructions	Class rooms are equipped with ICT facilities
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**Special remarks by Auditors:**

- More number of certificate courses/value addition courses should be organized by the department.
- Feedback of various stakeholders should be obtained while designing curriculum.
- Seed money from Institute should be provided for promotion of research activities.
- Details of Research Centre including guide details, number of candidates working etc. should be displayed at appropriate places.
- Department should identify at least two best practices.

Dr. B. S. Agarkar  
Auditee

Dr. B. B. Bhosale  
K. J. Somaiya College,  
Kopargaon,  
Auditor

Dr. N. V. Malpure  
SSGM College,  
Kopargaon  
Auditor

Prof. R.G. Zope

Coordinator, IQAC

**Sanjivani College of Engineering**  
Kopargaon-423603

Dr. D. Kyatanavar

Director & Chairman, IQAC

**Sanjivani College of Engineering**  
Kopargaon

**ANNEXURE-1**





## ANNEXURE-1

Courses in collaboration with other Universities, Industries, Foreign Institutions, etc.

Sr. No.	Name of Collaborating Body	Programmes
1	e-Prayog, IIT Bombay, Powai, Mumbai.	Under Nodal Centre: Virtual Lab, Workshop and Training Programs on 'Reconfigurable Hardware'
2	e-Yantra, IIT Bombay, Powai, Mumbai	Participated in Robocon 2017 & Robocon 2018
3	Spoken Tutorial, IIT Bombay, Powai, Mumbai.	Under Super Resource Centre, Knowledge Hub: Workshop and Training Programs on - a. Linux b. Python
4.	Scout Technologies Pvt. Ltd.	Provide training to students at college premises
5.	Gate Tutor	Prepare & practice the students for various competitive examinations
6.	J. P. Research India Pvt. Ltd.	Conduction of safety seminars on Automobile & road safety. Hands on training on techniques of crash investigation and crash construction.
7.	MASSIA (Marathwada Association of Small Scale Industries & Agriculture)	Project Allotment and Execution. Conduction of Project Competition.
8.	Nibe Motors Pvt. Ltd. Nashik.	Give valuable inputs to customize curriculum. Support for Industrial training to students & faculty. Provide internship & placement support
9.	Copper Track Industries Nashik.	Permission for Industrial Visit for students & faculty. Organizing campus interviews. Sponsoring Projects.
10.	Ahmednagar Auto Engineering Association (AAEA), Ahmednagar	Permitting Industrial Visit. Sponsored Projects. Deployment & execution of government aided. skill enhancement programs.
11.	Texas Instruments Center of Excellence	Provided Embedded system hardware by Texas Instruments. Training program conducted for faculty from nearby colleges.



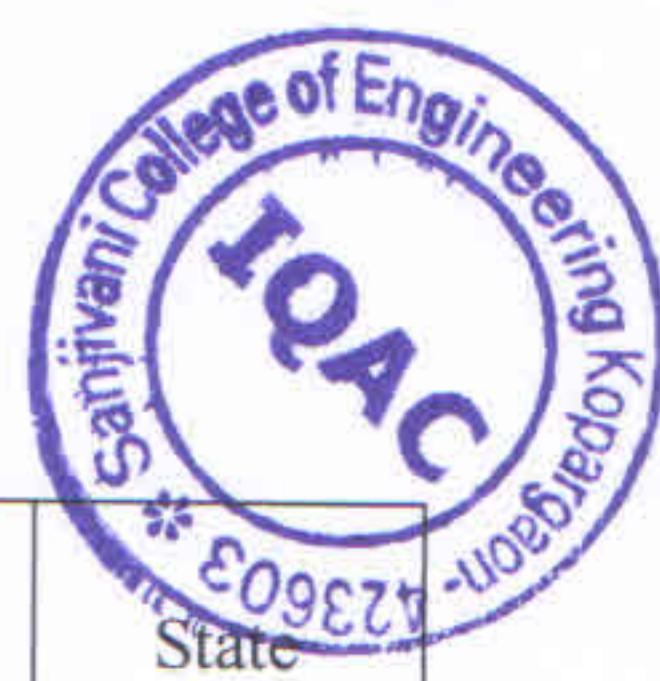


## ANNEXURE - II

### Awards / Recognitions received by Students:

Sr. No.	Name of Student	Awards/ Recogniti on	Organization	Details	Level
1	Bankar Jai	Winner	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
2	Gadekar Revannath	Winner	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
3	Khan Farhan	Winner	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
4	Aher Shubham R	Winner	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
5	Avhale Amol S	Runner up	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
6	Aher Shubham B	Runner up	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
7	Agre Tushar	Runner up	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
8	Deokar Rushikesh	Runner up	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
9	Gadhav Kiran	Third	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
10	Phatangare Abhijeet	Third	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
11	Gadhav Suhas	Third	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
12	Handi Rushikesh	Third	Govt. COE, Avsari	'Line tracing', "ABINITIO-2K17" 15 <sup>th</sup> &16 <sup>th</sup> Sept 2017	National
13	Agre Tushar	Second	AISSMS COE, Pune	'Robomania', "Silicon Fusion 2017", 13-15 Sept 2017	National
14	Gadhav Suhas	Second	AISSMS COE, Pune	'Robomania', "Silicon Fusion 2017", 13-15 Sept 2017	National
15	Gadhav Kiran	Second	AISSMS COE, Pune	'Robomania', "Silicon Fusion 2017", 13-15 Sept 2017	National
16	Jape Akshay	Second	COEP, Pune	"MindSpark 17"	National
17	Kale Kiran	Second	COEP, Pune	"MindSpark 17"	National
18	Muthe Dhananjay	Second	COEP, Pune	"MindSpark 17"	National
19	Saurabh Petare	Third	Govt. COE,	'Robo -Race' "ABINITIO-17-18", 15-16	National





21	Nilesh Rashinkar	Winner	GH Raison College, Ahmednagar	Badminton	State
22	Asane samiksha Ramdas	Runner up	C. D. Jain college, Shrirampur	Participated in Inter Zonal Volley Ball tournament on 3 <sup>rd</sup> and 4 <sup>th</sup> October 2018	State
23	Mhaske Vrushali Kiran	Runner up			State
24	Nirmal Akash Pandurang	Winner	SVPS's College of Engineering, Malegaon(B K.)	"CRETECHNOVA-2K19" Micromania event organised by SVPM's COE, Malegaon(Bk.) on 22 <sup>nd</sup> and 23 <sup>rd</sup> Feb.2019	National
25	Manal Krishna	Runner-up		"CRETECHNOVA-2K19" RoboRace event organised by SVPM's COE, Malegaon(Bk.) on 22 <sup>nd</sup> and 23 <sup>rd</sup> Feb.2019	National
26	Nirmal Akash Pandurang	Runner-up			National
27	Manal Krishna	Runner-up		"CRETECHNOVA-2K19" Enigma event organised by SVPM's COE, Malegaon(Bk.) on 22 <sup>nd</sup> and 23 <sup>rd</sup> Feb.2019	National
28	Nirmal Akash	Runner-up			National
29	Rashinkar Nilesh	Winner	Sandip Institute of Engineering & Management, Nashik	'Box Badminton' at national level Technical Festival organized by Department of Civil Engineering on 22 <sup>nd</sup> & 23 <sup>rd</sup> Feb. 2019	National
30	Patil Atul	Winner	Dr.Vishwanath Karad MIT Wors Peace University, Pune	National level Inter-Engineering Sports Meet "SUMMIT'18" held at MIT-WPU Pune during 4 <sup>th</sup> to 8 <sup>th</sup> Sept. 2018	National
31	Nirmal Akash P.	Winner	Institute of Technology Management & Research, Nashik	"PROJIT" Roborace held at JIT Nashik on 15 <sup>th</sup> and 16 <sup>th</sup> feb.2019	National
32	Shirsath Mangesh	Winner			National
33	Patare Tushar	Winner			National
34	Tawrej Amit	Winner			National
35	Nirmal Akash	Runner up		"PROJIT" Code event held at JIT Nashik on 15 <sup>th</sup> and 16 <sup>th</sup> feb.2019	National
36	Manal Krushna	Runner up			National
37	Patil Atul	Winner	MIT-World Peace University, Pune	National level Inter-Engineering Sports meet "SUMMIT'18" held at MIT-WPU, Pune during 4 <sup>th</sup> to 8 <sup>th</sup> Sep.2018	National
38	Rajput Adarshsingh	Winner			National
39	Nirmal Akash	Runner up	Padm. Dr.V.B.Kolte college of Engineering and polytechnic, Malakapur	Padm. Dr. V. B. Kolte College of Engineering and polytechnic, Malakapur	National
40	Rajput Adarshsingh	Winner	Ahmednagar Distric Zonal Sport Committee(In ter Zonal Sports)	Amrutvahini Engg. College Sangamner(Inter Zonal Sports)	State

*BP*





41	Rajput Adarshsingh	Runner up	Maharashtra State Volleyball championship held at Baramati	Maharashtra Volleyball association held at Baramati from 11/01/2018 to 13/01/2018	State
42	Wagh Priyanka Balasaheb	Winner	PRES, Loni Dept. of Chemical Engineering	National Symposium "Chemstorm-2019" event AD-MAD Show Organized by ChESA on 29 <sup>th</sup> march 2019	National
44	Nilesh Rashinkar	Winner		National Social Technical Symposium "PRECISION-18", event Badminton on 3 <sup>rd</sup> and 4 <sup>th</sup> April 2018	National
45	Nilesh Krishna Rashinkar	Winner	G. H. Raisoni College of Engineering	"Paroksha 2K18", event Badminton on 23 <sup>th</sup> and 24 <sup>th</sup> Feb 2018	National
46	Pradhan Krushna Kadubal	Winner	J. C. College Baramati	Ahmednagar District Zonal Sports Committee event Hockey in 2018-19	National
47	Rashinkar Nilesh	Winner		Ahmednagar District Zone Inter Collegiate Sports, event Handball on 2017-18	State
48	Tagad Dipak	Winner		Ahmednagar District Zonal Sports Committee, event Hockey 2018-19	State
49	Pund Rushikesh Baban	Winner		Ahmednagar District Zonal Sports Committee "J.C College Baramati", event Baseball on 28 <sup>th</sup> and 29 <sup>th</sup> NOV 2018	State
50	Patil Shubham	Winner		Ahmednagar District Zonal Sports Committee, event Hockey on 2018-19	-----
51	Patil Atul D.	Winner		Ahmednagar District Zone Inter Collegiate Sports, event Baseball on 2017-18	----
52	Rushikesh Pund	Winner	Dr. Vishwanath Karad MIT World Peace University, Pune	Dr. Vishwanath Karad MIT World Peace University, Pune, event Baseball on 4 <sup>th</sup> and 8 <sup>th</sup> Sept 2018	-
53	Adarshsingh Rajput	Winner	Amrutvahini College of Engineering Sangamner	Inter-Collegiate Volleyball Tournament organized by Amrutvahini College of Engineering, Sangamner on 18/10/19 to 19/10/2019	State
54	Adarshsingh Rajput	Runner up	Cummius COE, Pune	All India Inter-Engineering Volley ball championship – PENTACLE 2020 held at Cummius COE, Pune.	State
55	Adarshsingh Rajput	Winner	Wardha-Nagpur Youth State Volleyball Championship	Winner of Under 21 Youth State Volleyball Championship, Wardha-Nagpur and Selected for National at Sikkim on 18 <sup>th</sup> to 20 <sup>th</sup> January 2020.	State
56	Shinde Kartikey Gobade Aditya	Winner	Amrutvahini College of Engineering, Sangamner	Inter-Collegiate Hockey Tournament organized by Amrutvahini College of Engineering, Sangamner on 07/09/19	State



			Engineering, Sangamner	Engineering, Sangamner on 07/09/19	
57	Bhosle Vidya Asane Samiksha MhaskeVrushali Abhang Bhakti	Winner	Radhamai Kale MahilaMahav idyalay, Ahmadnagar	Inter-Collegiate Volleyball Tournament organized by Radhamai Kale Mahila Mahavidyalay Ahmadnagar on 30/09/2019 to 01/10/2019	State
58	Tawrej Amit	Runner up	Amrutvahini College of Engineering, Sangamner	Inter-Collegiate Table Tennis Tournament organized by Amrutvahini College of Engineering, Sangamner on 13/08/2019	State
59	RohitPagare	Winner	SNJB, Chandwad	Project Competition Technical event "EUREKA" 2020 held at SNJB, Chandwad on 12th and 13th February, 2020.	State
60	RohitPagare	Winner	MET-BKC, Nashik	Project Competition Technical event "TECHNOFEST" held at MET-BKC, Nashik from 22 <sup>nd</sup> to 25 <sup>th</sup> January, 2020.	State
61	Rohit Pagare	Runner up	College of Engineering & Technology, Shegaon	A National level Technical event "IGNITE" held at College of Engineering & Technology, Shegaon on 17 <sup>th</sup> and 18 <sup>th</sup> January, 2020.	National

*[Handwritten signature]*



### ANNEXURE - III

#### Participation in Institutional Social Responsibility (ISR) and Extension activities:

Sr. No.	Name of Activity	Details of Activity	Date of Conduction
1	3 <sup>rd</sup> International Yoga Day Celebration	3 <sup>rd</sup> International Yoga Day Celebration at Open auditorium SCOE, Kopargaon	21/06/2017
2	Tree Plantation Drive on the occasion of birthday celebration of Hon. Shri. Bipindada Kolhe	Tree Plantation Drive on the occasion of birthday celebration of Hon. Shri. Bipindada Kolhe, Sanjivani pre-cadet Training Ground, Kopargaon.	21/06/2017
3	Tree Plantation Drive to Celebrate "Van Mahotsav"	Tree Plantation Drive to Celebrate "Van Mahotsav" at Sanjivani academy School, Kopargaon.	06/07/2017
4	NSS Orientation Program	NSS Orientation Program held at SCOE Kopargaon.	17/07/2017 to 19/07/2017
5	Digidhan Awareness Program	Digidhan Awareness Program at SCOE Kopargaon.	17/07/2017
6	Swachha Bharat Pakhwada	Swachha Bharat Pakhwada at SCOE Kopargaon.	1 to 15/08/2017
7	Slum Children Education Campaign	Slum Children Education Campaign is done near station road Kopargaon.	23/08/2017 to 28/09/2017
8	Blood Group Checkup Camp	Blood Group Checkup Camp at SCOE Kopargaon.	11/09/2017 to 12/09/2017
9	Blood Donation on the occasion of birthday celebration of Shri. Nitindada Kolhe Saheb	Blood Donation on the occasion of birthday celebration of Shri. Nitindada Kolhe Saheb at SCOE Kopargaon.	19/09/2017
10	A workshop on "How to manage money and be a smart investor" by CGSI, Mumbai	A workshop on "How to manage money and be a smart investor" by CGSI, Mumbai at SCOE Kopargaon.	21/09/2017
11	Swachha Bharat Abhiyan - Campus Cleaning	Swachha Bharat Abhiyan - Campus Cleaning at SCOE Kopargaon.	01/09/2017 to 15/09/2017
12	NSS Day Celebration - Hand-washing Campaign	NSS Day Celebration - Hand-washing Campaign at SCOE Kopargaon.	24/09/2017
13	One week Winter Special Camp at Shinganapur, Tal. Kopargaon, Dist. Ahmednagar	One week Winter Special Camp at Shinganapur, Tal. Kopargaon, Dist. Ahmednagar	10/12/2017 to 16/12/2017
14	A Workshop on "Safety & Disaster Management"	A Workshop on "Safety & Disaster Management" at SCOE, Kopargaon.	30, 31/01/2018
15	An Expert Lecture on "Career Opportunities in Foreign Countries" by Disha International	An Expert Lecture on "Career Opportunities in Foreign Countries" by Disha International at SCOE, Kopargaon.	15/02/2018
16	Blood Donation Camp	Blood Donation Camp at SCOE Kopargaon.	24/03/2018
17	Workshop on Disaster management	Workshop on Disaster management at SCOE Kopargaon.	30-31/01/2018
18	4th International Yoga Day Celebration	4th International Yoga Day Celebration at SCOE Kopargaon	21/06/2018
19	Tree Plantation Drive	Tree Plantation Drive at Sanjivani	25/07/2018





		Academy School Ground, Kopargaon	
20	Swachha Bharat Summer Internship	Number of Activities Conducted:- 1.Door to Door Visit 2.Awareness Campaign 3.Movie Screening 4.School/Village Level Rallies 5.Other Activities:- • Seedball • Tree Plantation • Cotton Bags Distribution • Swachhta Pledge	01/05/2018 to 31/07/2018
21	Health and Cleanliness Awareness Program	Health and Cleanliness Awareness Program at Sahajanand Nagar, Kopargaon	07/09/2018
22	Celebration of 150th Birth Anniversary of Rashtrapita Mahatma Gandhi	Celebration of 150th Birth Anniversary of Rashtrapita Mahatma Gandhi at SCOE Kopargaon	02/10/2018
23	A Workshop on "How to Manage Money and be a Smart Investor"	A Workshop on "How to Manage Money and be a Smart Investor" at SCOE Kopargaon	20/12/2018
24	Mega Thallasemia, Haemoglobin & Blood Group Checkup Camp	Mega Thallasemia, Haemoglobin & Blood Group Checkup Camp at Sanjivani Group of Institutes, Kopargaon	01/01/2019
25	One week Winter Special Camp	One week Winter Special Camp at Dhamori, Tal. Kopargaon, Dist. Ahmednagar	03/01/2019 to 09/01/2019
26	International Yoga Day Celebration	A 4th international yoga day was celebrated on 21 <sup>st</sup> June 2019 from 6.30am to 8.00 am at open auditorium of Sanjivani Engineering College, kopargaon	21 <sup>st</sup> June 2019
27	Tree Plantation Drive under Van Mahotsav	NSS team of Sanjivani Engineering College has organized tree plantation drive on 21st July 2019 at 10:00am at Sanjivani Academy back space, kopargaon.	21st July 2019
28	Swachhata Pakhwada	On 16 <sup>th</sup> Jan. 2020 students have taken Pledge regarding cleanliness. There were 5 teams who went through all classes and given pledge to all students in engineering college.	16 <sup>th</sup> Jan. 2020
29	Shramdan at Bijotsav Dhamori	On 26 <sup>th</sup> Jan. 2020 there was a Adbanginath Bijotsav at Dhamori. On that occasion there was huge Annadan program. In that program there were 5000 devotee approximately	26 <sup>th</sup> Jan. 2020
30	Road Safety Week celebration	On the Occasion of Road Safety week 2020, which was from 11 <sup>th</sup> Jan. to 17 <sup>th</sup> Jan 2020, a guest lecture was arranged by Sanjivani engineering college, kopargaon. The guest name is Mr. Vinod Ganwat who is Inspector Motor vehicle, RTO, Shrirampur.	11 <sup>th</sup> Jan 2020

JB





31	Street Play On Road Safety	On the Occasion of Road Safety week 2020, which was from 11 <sup>th</sup> Jan. to 17 <sup>th</sup> Jan 2020, a street play was arranged by Sanjivani engineering college, kopergaon. The street play was well scripted and presented by the students. Street play was on road safety as well as how to follow the rules of traffic signal and road signals. There was huge public as an audience for the street play.	11 <sup>th</sup> Jan 2020
32	Matdar Janjagruti Abhiyan	Students celebrated National Voters Day i.e. 25 <sup>th</sup> Jan. 2020, in a new way. On the voters day celebration students decided to spread awareness to all college students about importance of voting.	25 <sup>th</sup> Jan 2020





IQAC/2019-2020

Date : 03<sup>th</sup> November 2020

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2019-2020**

**Department: Electrical Engineering**

Sr. No.	Particulars	Observation of the Auditor
<b>A. General Information of the department</b>		
A-5	Examination System	1. F.Y. B. Tech: As per norms decided by institute according to autonomy norms, Credit based system. 2. SE, TE, BE: As per SPPU, Pune, Credit based examination system. PR/OR Examination records were verified and found OK.
A-6	Record of participation of the department in the courses offered by other departments	Department offering services to ➤ FY B. Tech in Mechanical, Computer, Electronics & Telecommunication, Civil Engineering & Information Technology dept for the course <b>Basic Electrical Electronics Engineering</b> . ➤ Second Year (Sem-I) in Electronics & Telecommunication Engineering dept for course S.E. (E&Tc), <b>Electrical Circuits and Machine</b> . ➤ Second Year (Sem-II) in Mechanical Engineering dept for the course S.E. (Mech), <b>Electrical &amp; Electronics Engineering</b> . Verified & Found Ok
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	MoU with leading Industry ➤ Nibe Motors Pvt Ltd, Nashik ➤ Urfu University, Russia Verified & Found Ok
A-9	Number of Teaching Post sanctioned and filled	Name
		No.s of Post Sanctioned
		Filled
		Professor
		02
		01
		Associate Professor
		02
		01
		Assistant Professor
		08
		08
		*Remark: Done advertise given in News paper and Interview also conducted, but suitable candidate not found.
A-10	Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M. Phil. etc.,)	Profile of Individual faculty was verified and found correct. Total number of faculty available in the department is 10.
A-13	Student-Teacher Ratio (programme wise)	Student Teacher Ratio is as per intake 27:01 Need to be reduced, & add more faculties in dept



A-14	Record of number of academic support staff	Name of Post		Sanction	Filled												
		Technical Assistant		02	02												
		Lab Assistant		02	00												
		Clerk		01	00												
		Lab Attendant		00	01												
		Peon		02	02												
		Need to fill remaining post															
A-16	Information about research grants, project completed and ongoing projects	Nil (Submitted proposal, but not approved)															
A-17	Information of funds received	Nil (Develop and search for obtaining some funds.)															
A-20	Records of Consultancy services provided	Nil (Need to start consultancy services.)															
A-25	Records of details of Seminar / Conferences/ Workshops organised and the source of funding	From CSIR: Rs.20000/- "Approach and Benefits of Modern Smart Agricultural and Health Sensing Technology" (ABMSAHST 2020)" Checked and found OK															
A-30	Details of departmental Infrastructural facilities	Total No.s of Laboratory :: 08 Class Room :: 02 Seminar Hall :: 00 Tutorial Room :: 01															
A-32	Records of student enrichment programmes	2019-2020	Expert lecture (Total 12Nos.)	<table border="1"> <thead> <tr> <th>Topic</th> <th>Details of Expert</th> </tr> </thead> <tbody> <tr> <td>1.Recent Trends in Electrical Engineering</td> <td>Dr. B. E. Kushare, Head of Dept Electrical Engg Dept KKW COE&amp;R, Nashik</td> </tr> <tr> <td>2. Hardware in loop designing for Power Electronics Applications" on</td> <td>Dr. Akbar Ahmed, Associate Professor, KK WIEER Nasik</td> </tr> <tr> <td>3. Energy Auditing and Management, 4. Smart Grid Technologies &amp; 5. Electrical Vehicle</td> <td>Dr. V. N. Kalkhamkar HOD, RIT, Islampur, Sangli</td> </tr> <tr> <td>6. Energy Conservation ,</td> <td>Dr. Dashrath Dashpute, Trainer – BPCL Mumbai</td> </tr> <tr> <td>7. Renewable Energy Technologies &amp; Opportunities</td> <td>Dr. Manoj Rathi, Director –Technical Nashik.</td> </tr> </tbody> </table>	Topic	Details of Expert	1.Recent Trends in Electrical Engineering	Dr. B. E. Kushare, Head of Dept Electrical Engg Dept KKW COE&R, Nashik	2. Hardware in loop designing for Power Electronics Applications" on	Dr. Akbar Ahmed, Associate Professor, KK WIEER Nasik	3. Energy Auditing and Management, 4. Smart Grid Technologies & 5. Electrical Vehicle	Dr. V. N. Kalkhamkar HOD, RIT, Islampur, Sangli	6. Energy Conservation ,	Dr. Dashrath Dashpute, Trainer – BPCL Mumbai	7. Renewable Energy Technologies & Opportunities	Dr. Manoj Rathi, Director –Technical Nashik.	Verified and found OK , Major shown above
Topic	Details of Expert																
1.Recent Trends in Electrical Engineering	Dr. B. E. Kushare, Head of Dept Electrical Engg Dept KKW COE&R, Nashik																
2. Hardware in loop designing for Power Electronics Applications" on	Dr. Akbar Ahmed, Associate Professor, KK WIEER Nasik																
3. Energy Auditing and Management, 4. Smart Grid Technologies & 5. Electrical Vehicle	Dr. V. N. Kalkhamkar HOD, RIT, Islampur, Sangli																
6. Energy Conservation ,	Dr. Dashrath Dashpute, Trainer – BPCL Mumbai																
7. Renewable Energy Technologies & Opportunities	Dr. Manoj Rathi, Director –Technical Nashik.																
<b>B. Faculty Achievements</b>																	
B-19	Records of Publications	23															
B-21	Record of participation of Faculty in various academic activities as members of committees at University level, State level, national level, International level bodies.	A.Y. 2019-20 ➤ Nil (Need to Improve)															



B-22	Details of faculty appointed / nominated on Editorial boards at University, State, National and international levels.	A.Y. 2019-20 ➤ Nil
B-23	Details of Awards / Recognitions received by Faculty	A. Y. 2019-20 ➤ Prof. P. V. Thokal: Best Paper Award "International conference on pervasive computing 2020". Found OK
<b>C. Students Achievements</b>		
C-25	Records of Student profile programme wise	2018-19: 64 Students admitted (Male-46, Female-18) 2019-20: 66 Students admitted (Male-43, Female-23) Records are verified and found OK
C-26	Records of year wise results of Student	A. Y. 2019-20 ➤ Second Year (Electrical Engg) result May 2019 is <b>56.45%</b> ➤ Third Year (Electrical Engg) result May 2019 is <b>56.14%</b> Records are verified and found OK
C-27	Records of Diversity of students	A. Y. 2019-20: ➤ 96.97% of students from home state and 3.03% from other state. A. Y. 2018-19: ➤ 98.40% of students from home state and 1.56% from other state. Records are verified and found OK
C-28	Record of number of students cleared Civil services and Defence services examination, GATE and other examinations	Not Applicable (As students are in Third year only)
C-29	Record of Student progression/ Placement record	Placement record is not applicable (As students are in Third year only)
C-23	Details of Awards / Recognitions received by students	University Rank 08 & 09 (S.E. Electrical: Final Examination May/ June 2019) One student at National Level selected in volleyball Team Records are verified and found OK
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	A.Y. 2019-20 Under Swachh Bharat Abhiyan was taken at Godavari River to clean its bank portion. Verified and Found Ok.
<b>D. Teaching Learning Process</b>		
D-I	Course file	Course file of Prof. R. N. Hajare for subject Basic Electrical Electronics Engineering for FY B. Tech have been checked and verified. No. of lectures planned 43 lectures and executed 23 lectures.
D-II	Laboratory File	Lab file of Prof. R. N. Hajare for subject Material Science and Lab For second Year Electrical Engineering has been verified. No. of practical 13 planned and executed 07 lectures.



D-III	Record of Content Beyond syllabus	Content Beyond syllabus on topic "Energy Efficient Motors" for subject Electrical Machine -I of second year Electrical Engineering was conducted and student evaluation is done.
D-IV	Record of Self learning	No.s of Students allotted for self-learning to Prof. R.R.Bibave is 10. Presentation of the student on their respective topic was taken and evaluation is carried out. Record found OK.
D-V	Innovative teaching methodology adopted if any	<ul style="list-style-type: none"> <li>Institute started working on design and implementation of its own Learning Management System (Sanjivani LMS) since January 2020.</li> <li>It has become fully operational from June 2020.</li> <li>The entire teaching-learning process including lectures, practical, Tutorials, Quiz, assignments etc. are completely hosted on Sanjivani LMS.</li> <li>This has made teaching-learning process very effective in the Covid-19 pandemic situation.</li> </ul>
D-VI	Use of ICT in class room & laboratory instructions	ICT facilities are available in all two classroom and 02 Laboratories. Also Conducted Online lectures, prepare Video & uploaded on Youtube etc

**Special remarks by Auditors:** 1. Utilize Seed Money for research activities and  
2. Suggests to concentrate for placement activities for next year



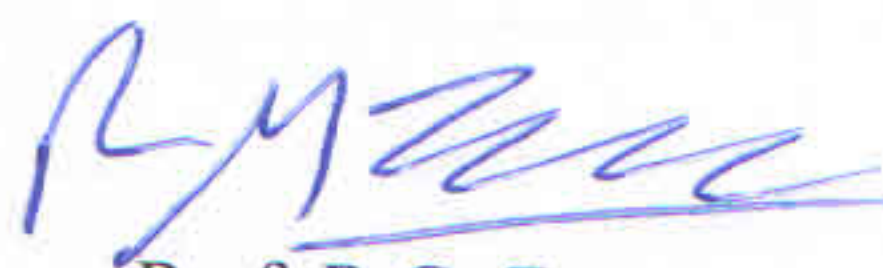
Prof D. B. Pardeshi  
Head of Department  
(Name and signature of Auditee)



Dr. B.B. Bhosale  
K.J. Somaiya College, Kopargaon  
(Name and signature of auditors)



Dr. N.V. Malpure  
SSGM College Kopargaon  
(Name and signature of auditor)



Prof. R.G. Zope  
Coordinator, IQAC  
Sanjivani College of Engineering  
Kopargaon-423603



Dr. D.N. Kyatanavar  
Director & Chairman, IQAC  
Sanjivani College of Engineering  
Kopargaon



IQAC/2019-2020

Date: 3/11/2020

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2019-2020**

**Department: MBA**

Sr. No.	Particulars	Observation of the Auditor
<b>A. General Information of the department</b>		
A-5	Examination System	Department follows credit system for examination. FY MBA batch 2019-20 Semester-I exams conducted as per the norms of institute, Semester-II evaluation is done as per the norms of government due to pandemic. SY MBA exams conducted as per norms of SPPU. Both as per Credit Systems.
A-6	Record of participation of the department in the courses offered by other departments	Yes, Dr. V.M. Tidke conducted the course on Entrepreneurship for M. tech. Prof. P. S. Kawale developed syllabus for Accounts and finance for M. Tech. course
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Signed MoU with North Western University South Africa. Process of sharing courses initiated.
A-9	Number of Teaching Post sanctioned and filled	1 Professor, 2 Associate Professors and 5 Assistant Professor Sanctioned and filled.
A-10	Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D./M.Phil.etc.,)	Faculty profile checked and verified
A-13	Student-Teacher Ratio(programm ewise)	1:17
A-14	Record of number of academic support staff	Support staff requirement is fulfilled
A-16	Information about research grants, project completed and ongoing projects	Applied and qualified for second round for Aspire Impact Oriented research proposal by Dr. M.S. Bhayani
A-17	Information of funds received	Funds amounting 2 Lakhs is received from institute for Research under the head R&D. Verified in Budget.
A-20	Records of Consultancy services provided	Verified the records of consultancy services which generated 97,500/- revenue during the academic year.
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	AICTE sponsored FDP for 14 days and Self funded FDP are organized by department. Amount sanctioned by AICTE is Rs. 4,66,000/-
A-30	Details of departmental Infrastructural facilities	Verified and found to be appropriated
A-32	Records of student enrichment	15 Programs conducted, verified and found correct





	programmes	
<b>B. Faculty Achievements</b>		
B-19	Records of Publications	8 Research papers published by faculties in various journals including 3 publications in Scopus Indexed journal.
B-21	Record of participation of Faculty in various academic activities as members of committees at University level, State level, national level, International level bodies.	Dr. V.R. Malkar Member BOS Marketing Management SPPU. Dr. Ankita Pathak Reviewer in various international journals. Records verified.
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	Dr. Ankita Pathak Reviewer in various international journals.
B-23	Details of Awards /Recognitions received by Faculty	Dr. V.R. Malkar awarded as Innovative teacher in Marketing management at Global Science Summit 2019, Dubai Dr. Vishal Tidke : Received Star Alumni Award by IMS-CRD.
<b>C. Students Achievements</b>		
C-25	Records of Student profile programme wise	Intake 60, Admitted students 61, details verified
C-26	Records of year wise results of Student	Results are pending due to pandemic Covid-19
C-27	Records of Diversity of students	Other than Maharashtra State Candidates Nil.
C-28	Record of number of students cleared Civil services and Defense services examination, GATE and other examinations	NA
C-29	Record of Student progression/ Placement record	Out of 60 students 3 Joined family business, 55 appeared for placements of which 31 got placed. Placed Students : 56.36% ( 31/55) Self employed : 5.17% ( 3/58) Data verified.
C-23	Details of Awards /Recognitions received by students	36 students participated and awarded in various event. Details verified.
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	Department conducted various social activities such as Online Awareness for Covid-19, initiative for downloading Arogya-setu App, etc. Records checked and verified.
<b>D. Teaching Learning Process</b>		
D-I	Course file	Course file of Dr. A.R. Jaswal course Strategic management verified.
D-II	Laboratory File	NA
D-III	Record of Content Beyond syllabus	Verified for the course strategic management.
D-IV	Record of Self learning	Case study and presentation of students .



D-V	Innovative teaching methodology adopted if any	Institute started working on design and implementation of its learning management system Sanjivani LMS since January 2020 has become fully operational from June 2020. The entire teaching learning process including lectures, practical, tutorials, quiz, assignment etc are completely hosted on Sanjivani LMS platform. This has made teaching learning process very effective in Covid-19 Pandemic situation.
D-VI	Use of ICT in class room & laboratory instructions	ICT tools FDP conducted by Dr. V.R. Malkar. Google class room, ZOOM, Google meet, presentation tube recorder YouTube channel used by all the faculties in department



### Special remarks by Auditors

1. Number of Online certificate should be increased for both students and faculties.
2. Department should plan for starting research centre
3. Quality and number of research publication should be increased.
4. Efforts should be made to fetch Research grants from various funding agencies

Name and signature of Auditee - Dr. V.R. Malkar

Name and signature of auditors  
Dr. B.B. Bhosale  
K.J. Somaiya College, Kopergaon

Name and signature of auditor  
Dr. N.V. Malpure  
SSGM College Kopergaon

Prof. R.G. Zope  
Coordinator IQAC  
**Sanjivani College of Engineering**  
Kopergaon-423603

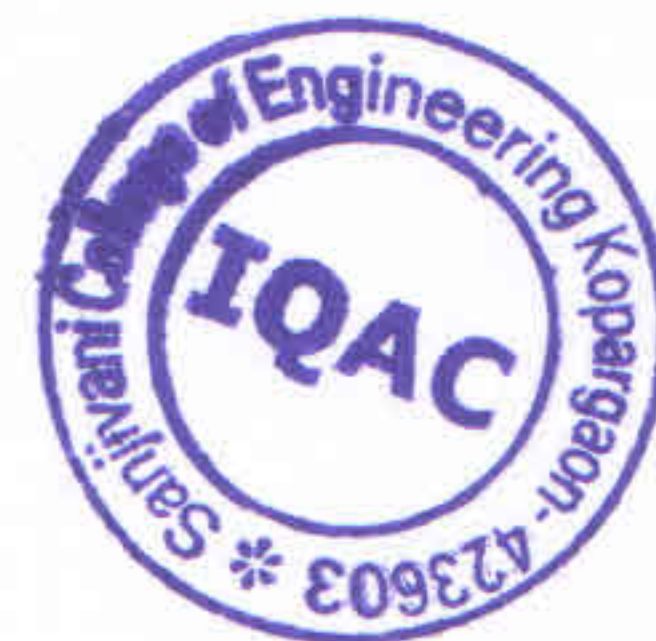
Dr. D. Kyatanavar  
Director & Chairman, IQAC  
**Sanjivani College of Engineering**  
Kopergaon





Sanjivani Rural Education Society's

**Sanjivani College of Engineering, Kopergaon 423 603**



IQAC/2019-2020

Date: 3/11/2020

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2019-2020**

Department: Administration

Sr. No.	Particulars	Observation of the Auditor
<b>A. Institute</b>		
A-1	AICTE approvals	a. F.Y.B. Tech and First year of M. Tech approvals for autonomy are received from AICTE and UGC are found from 2019-20 to 2028-29. b. AICTE approvals for current and all previous academic years are available. Verified and found correct.
A-2	DTE approvals	DTE approvals for all programs/ branches are available. Verified and found correct.
A-3	State Government. approvals	State Govt. permissions/approval for all programs /branches are available. Verified and found correct.
A-4	SPPU, Pune affiliation	Affiliation letters from SPPU Pune for all branches are available. Verified and found correct.
A-5	CDC Meetings	a. Number of meetings conducted during AY 2019-20: 2 b. Average minutes in meetings: 13 c. Average members present for the meetings: 12  Verified and found correct.
<b>B. Recruitment of Teaching staff</b>		
B-1	AICTE norms for eligibility & pay scale	AICTE norms of eligibility and pay scale are followed.
B-2	Advertisement	Advertisement for recruitment of staff given in daily Sakal dated 24/8/2019. Verified and found correct.
B-3	Personal file	Personal files of teaching staff are maintained. Verified file of Dr. S. R. Dandwate (Engineering Science Dept.)
B-4	Service book	a. Service books of teaching staff are maintained. Verified service book of Prof. R.. G. Zope (E and TC Dept.)




		b. Need to maintain duplicate copy of service book.
B-5	Faculty list	List of faculty is available. Total 186 faculty in the list is found.
B-6	Faculty training and welfare	Record of STTPFDP/Workshop attended by faculty is verified and found correct.
B-7	Staff Welfare Fund (SWF)	a. Refund of entire contribution at the time of retirement of faculty. b. Financial support is given for education of ward of faculty. c. Support for medical emergencies. d. Financial support is provided against death of faculty or family member. e. Policy coverage is available under accidental death of faculty.  Verified and found correct.
<b>C. Recruitment of Non-Teaching staff</b>		
C-1	Competency requirement	As per state Govt. norms.
C-2	Personal File	Personal files of Non-teaching staff are maintained. Verified personal file of Mr. V. D. Kadam (Administration Dept.)
C-3	Service book	a. Service books of Non-teaching staff are maintained. Verified service book of Mr. V. D. Kadam (Administration Dept.) b. Need to maintain duplicate copy of service book.
C-4	Staff list	a. List of Non-teaching staff is available. Total 181 staff in the list is found. b. 11 persons are retired, and recruitment is postponed due to pandemic situation of Covid-19.
<b>D. Leave Management</b>		
D-1	Leave record	Exam. Duty Leave/ Special Leave/ Study Leave/ C-Off record of faculty is maintained. Verified and found correct.
D-2	Month wise compile attendance	Verified attendance muster for the AY 2019-20 and found ok.
D-3	Casual leave	Verified CL record of faculty. Dr. P. M. Patare availed 10 CLs during AY 2019-20. Verified and found ok.
D-4	Earn leave	Verified EL record of faculty. Prof. R. G Zope has 19.5 EL balance.







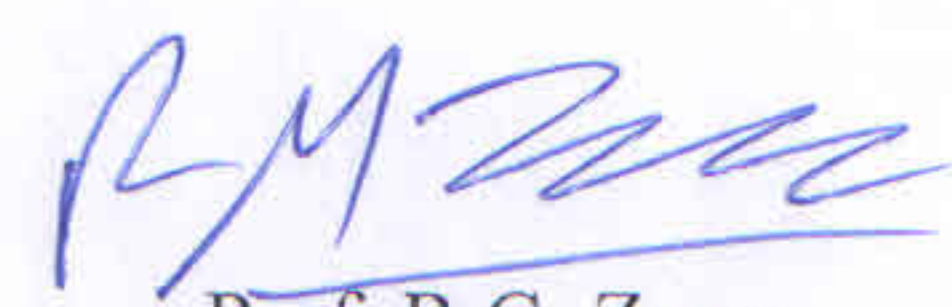
D-5	Medical leave	Verified ML record. Mr. K. L. Shinde has 6 ML balance (half pay).
D-6	Vacation	Verified vacation file. Faculty availed 30 days winter vacation.
<b>E Control of Outsourced Activity</b>		
E-1	Canteen	Given on contract basis. Verified contract agreement.
E-2	Housekeeping	Outsourced to BVG. Verified agreement.
<b>F. Students</b>		
F-1	Student Admission	Admissions are done as per Govt./PNS authority.
F-2	Student database	a. Student database is maintained, verified and found ok. b. Photo identity should be added in back office. c. Need improvement in the Software regarding student's payment for fees along with SMS to the students about updated status of fees paid.
F-3	Scholarship	Scholarship application procedure for AY 2019-20 is completed. Verified and found correct.
F-4	Student Examination	Entire procedure for examination and evaluation is available with the help of software IONEMS and IONDVS.

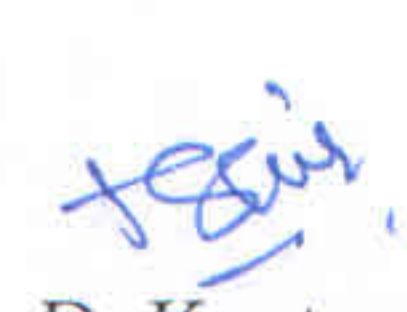
### Special remarks by Auditors

  
Name and signature of Auditee  
Dr. D. N. Kyatanavar

  
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Dr. B.B. Bhosale  
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