



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

IQAC/2020-2021

Date: 02/02/2022

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2020-2021**

Department: Civil Engineering

Sr. No.	Particulars	Observation of the Auditors												
<b>A. General Information of the department</b>														
A-5	Examination System	F.Y. and S.Y. B. Tech., M. Tech. FY & SY examination is conducted by institution under Autonomy. Third year and Final year of Bachelor of Engineering examination is under 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 (Mech. Engg, Comp. Engg., IT, ECE, Elect. Engg. and Mechatronics) for teaching the courses Engineering Mechanics & Environmental Science (Audit course)												
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	MOU of collaboration with iNODE software Co. Pune have been signed and the honour course at B. Tech. level titled Water Structure is been offered.												
A-9	Number of Teaching Post sanctioned and filled	<table border="1"><thead><tr><th>Post</th><th>Sanctioned</th><th>Filled</th></tr></thead><tbody><tr><td>Professor</td><td>04</td><td>04</td></tr><tr><td>Asso. Professor</td><td>08</td><td>00</td></tr><tr><td>Asst. Professor</td><td>20</td><td>24</td></tr></tbody></table> <p>Faculty list verified. Eligible candidate is not available for the post of Associate Professor.</p>	Post	Sanctioned	Filled	Professor	04	04	Asso. Professor	08	00	Asst. Professor	20	24
Post	Sanctioned	Filled												
Professor	04	04												
Asso. Professor	08	00												
Asst. Professor	20	24												
A-10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)	Verified faculty profile and certificates of Dr. S. M. Ghumare. Certificate of Doctor of Philosophy of Dr. S. M. Ghumare is verified (Oct-2020), at present 07 faculty completed and 13 faculty pursuing PhD.												
A-13	Student -Teacher Ratio (programme wise)	UG – 16:1 PG - NIL												
A-14	Record of number of academic support staff	Laboratory Assistant – 05 Clerk – 01 Peons - 06												
A-16	Information about research grants, project completed and ongoing projects	Work should be initiated on research proposal												

A-17	Information of funds received	-----NIL-----
A-20	Records of Consultancy services provided	Income generated from consultancy in the area of Geotechnical Engineering, Testing of Material & Surveying is of Rs. 8,60,110/-
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	Department should organise Seminar/Workshop/Conference etc. Preferably with external participants.
A-30	Details of departmental Infrastructural facilities	Classroom with ICT facility – 06 Seminar Hall – 01, Tutorial Room – 04 Laboratories – 13 with well-equipped as per AICTE norms
A-32	Records of student enrichment programmes	Total 13 programmes (Expert lecture/workshop/seminar) are conducted by the department. Complete records are available with Prof. U. T. Kulkarni
<b>B. Faculty Achievements</b>		
B-19	Records of Publications	Total in all 09 paper with Scopus indexed are verified and record available. Improvement is required.
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 SPPU Pune
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	-----NIL-----
B-23	Details of Awards /Recognitions received by Faculty	01 – Dr. S. M. Ghumare sir awarded as Doctor of Philosophy by SPPU Pune
<b>C. Students Achievements</b>		
C-25	Records of Student profile programme wise	F.Y. B. Tech.- 83 S.Y. B. Tech.- 255 TE – 138 BE – 228 - admitted students
C-26	Records of year wise results of Student	Result analysis of BE (final year) is verified and available with Prof. A. V. Ghogare. BE result May 2021 is 99.56%, May 2020 is 98.90% and May 2019 is 87.80%.

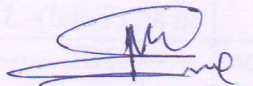
		S. Y. B. Tech. May 2021 77.65%
C-27	Records of Diversity of students	F. Y. B. Tech. admitted students 2020-21 98.79% from Maharashtra state and 1.21% from other state.
C-28	Record of number of students cleared Civil services and Defense services examination, GATE and other examinations	In Academic year 2020-21 02 students qualified for GATE-21 examination
C-29	Record of Student progression/ Placement record	Total Students – 152 UG to PG – 13 (8.5%) Company and Govt. Sector – 30 (20%) Entrepreneurship – 04 (3%) In all (Total)- 31.5%
C-23	Details of Awards /Recognition received by students	-----NIL-----
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	Yoga day celebration- 10 students are participated Tree Plantation – 15 students are participated

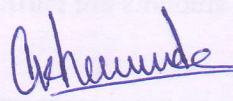
#### D. Teaching Learning Process

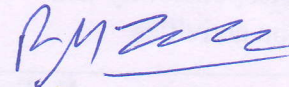
D-I	Course file	Seminar of S. Y. B. Tech. schedule and assessment is verified which includes allotment of seminar topics, presentation schedule and reports and seminar evaluation details. (Coordinator Prof. A. S. Jadhav)
D-II	Laboratory File	Laboratory file of Professional core CE 309 is verified (all 6 assignment) with CO & PO mapping. Assessment & evaluation sheet is verified (Roll No. 55 to 84)
D-III	Innovative teaching methodology adopted if any	Institute started working on design and implementation of its own Learning Management (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-IV	Use of ICT in class room & laboratory instructions	In view of Covid-19 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. In addition to the in-house developed Learning Management System

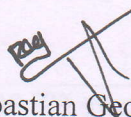
**Special remarks by Auditors:**


1. For participation of the department in handling courses of other department, necessary communication should be there between the concerned department.
2. Department should prepare Google citation data of the faculty.
3. Department should prepare faculty profile in standard format with supporting documents.

  
Dr. M. S. Purkar  
Auditee

  
Prof. D. G. Lokhande  
Internal Auditor

  
Mr. R. G. Zope  
External Auditor

  
Dr. Sebastian George  
Coordinator IQAC

  
Dr. A. G. Thakur  
Director & Chairman, IQAC  
**Director**  
**Sanjivani College of Engineering**  
**Kopargaon**





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

IQAC/2021-2022

Date: 02/02/2022

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2020-2021**

Department: Department of Mechanical Engineering

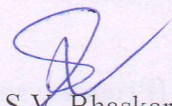
Sr. No.	Particulars	Observation of the Auditors
<b>A. General Information of the department</b>		
A-5	Examination System	1) Department is following the examination scheme under autonomy for UG (FY B. Tech. & SY B. Tech.), PG (M. Tech. I & II). The examination is conducted by institute 2) Department is following the examination scheme for TE & BE as per university norms
A-6	Record of participation of the department in the courses offered by other departments	Dealing with Engineering Graphics and Basic Mechanical Engineering for FY B. Tech.
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	MOU of collaboration signed with Mechatol, Pune & one credit course will be taught by the company (It is in pipeline) for GD and T.
A-9	Number of Teaching Post sanctioned and filled	Professor: 03/04 Associate Professor: 05/07 Assistant Professor: 27/28 ( <b>Refer Annex.-I</b> )
A-10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)	Verified faculty profile of Prof. I.I. Sayyad. Verified educational qualification, appointment order, approval order
A-13	Student -Teacher Ratio (programme wise)	UG 19:1 PG 6:1
A-14	Record of number of academic support staff	Lab assistant: 07/08 Clerk : 01/01 Peon: 06/06
A-16	Information about research grants, project completed and ongoing projects	Research mentorship program (ASPIRE) BCUD Pune, ongoing project are 03. Total grant is Rs. 6,70,000/- (Annexure-III)
A-17	Information of funds received	Work should be initiated on research proposals
A-20	Records of Consultancy services provided	Needs improvement
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	Organised two workshops: 1) Three Days Workshop on Implementation of Outcome Based Education in context of NBA


		2) One day Webinar on Outcome Based Education
A-30	Details of departmental Infrastructural facilities	Classrooms with ICT facility: 08 Seminar hall ICT facility: 01 Drawing hall : 02 Tutorial room : 03 Well equipped laboratories: 14 (Annexure-IV)
A-32	Records of student enrichment programmes	Department has organised four programmes for enrichment of students (Annexure-V)
<b>B. Faculty Achievements</b>		
B-19	Records of Publications	Seven publications in Scopus & SCI indexed journals, Publication per faculty 0.2. Not at all impressive, needs immediate attention.
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. A.G. Thakur is a Board of Studies (BOS) member for Mechanical engineering of Savitribai Phule Pune University.
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	Five faculty members are working as reviewer for SCI indexed journals. Verified record of Dr. L.S. Dhamande, name of Journal is "Measurement".
B-23	Details of Awards /Recognitions received by Faculty	PhD awarded to Dr. K.C. Bhosale by Savitribai Phule Pune University.
<b>C. Students Achievements</b>		
C-26	Records of Student profile programme wise	Admitted students FY B. Tech. : 127 SY B. Tech. : 236 TE: 144 BE: 216
C-26	Records of year wise results of Student	BE (May-21) result : 95.79 % TE (May-21) result : 96.92 %
C-27	Records of Diversity of students	100% students of FY B. Tech. Are from Maharashtra state.
C-28	Record of number of students cleared Civil services and Defense services examination, GATE and other examinations	GATE (2021) qualified:01 student with score 32.3
C-29	Record of Student progression/ Placement record	UG to PG: 04 students out of 216 students Placement: 134 students placed out of 216 students
C-23	Details of Awards /Recognitions received by students	One student received second rank in Avishkar competition by Savitribai Phule Pune University.

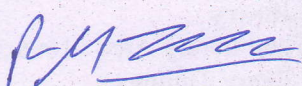
		Ten students received awards / rank in e-Yantra, SAE club, Faurecia mobility
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	NSS file is verified. Thirteen activities are conducted
<b>D. Teaching Learning Process</b>		
D-I	Course file	Verified course file of Prof. H.P. Varade for the subject Material science and Metallurgy (SY B. Tech.). Found as per norms.
D-II	Laboratory File	Verified laboratory file of Prof. P. N. Patil for the subject Engineering Graphics (FY B. Tech.). Found as per norms.
D-V	Innovative teaching methodology adopted if any	Institute started working on its own Learning Management System (Sanjivani LMS) since January 2020. It has been fully operational from June 2020. The entire teaching-Learning process including lectures, practical, assignments, quiz 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-19 pandemic situation, 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 examination and MCQ type quizzes, in addition to the inhouse developed learning management system.

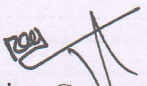
**Special remarks by Auditors:**

1. For participation of the department in handling courses of other department, necessary communication should be there between the concerned departments.
2. Department should prepare the google scholar citation data of the faculty.

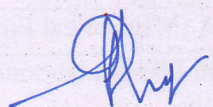
  
Dr. S.V. Bhaskar  
Auditee

  
Dr. N. S. Naik  
Internal auditor

  
Prof. R. G. Zope  
External auditor

  
Dr. Sebastian George  
Coordinator IQAC



  
Dr. A. G. Thakur  
Director & Chairman, IQAC

### Annexure-I

#### Number of teaching posts:-

Post	Sanctioned	Filled
Professor	04	03
Associate Professor	07	05
Assistant Professor	28	27

### 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	2020-21	V. J. Suryawanshi & Dr. P.M. Patare	Development of Ice plant test rig with data acquisition system	Research Mentorship Program, Aspire, BCUD, SPPU Pune	1,00,000/-
2	2018-2021	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/-
3	2018-2021	N. D. Sadaphal K. N. Wakchaure	Underwater Friction Stir Welding of Magnesium Alloy.	Research Mentorship Program, Aspire, BCUD, SPPU-Pune	2,70,000/-

### Annexure-IV

#### Details of Infrastructural facilities (Program specific):-

Sr.	Infrastructural facility	Details of Item	Number
1	Library Total library Area : 1096.35 (Sq.m.) Library Timings Circulation Hrs: 9.00 am to 6.30 pm. Reading Hall with	Title	4446
		Volumes.	11710
		Journals	18
		Journal In softcopy	149
		CDs	3351
2	MESA (Mechanical Engineering Student	Total Books	360
3	Central Internet laboratory facility for staff and students	Computers	120
		Internet facility and Bandwidth	80-100 Mbps
4	Classrooms	with ICT facility	8



		Drawing hall	2
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
		UG	2
7	Tutorial Room	PG	1

Sr no.	Name of Laboratory	Area (Sq. M)	Total number of experimental setups available	Total cost of the laboratory equipments
01	Steam Laboratory	165	11	854613.00
02	Refrigeration and Air	97	16	427407.00
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	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	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-V

Department has organised four programmes for enrichment of students

Sr. No.	Guest Details	Topic	Date	Faculty Incharge	No of students
1	Paresh Gugale	GATE awareness	14/05/2021	J B Ashtekar	98
2	Babasaheb Khalekar	Fundamentals of GD and T	10/11/2021	J B Ashtekar	78
3	Amol Take	Career Opportunities for Graduate students	04/05/2021	R B Patthe /S S Ingle	86
4	Vivek	Basics of Patent	06/05/2021	R B Patthe	58

	Daulatani		/S S Ingle	
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### Annexure-VI

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

Sr. No.	Title of Workshop	Conference/ Workshop	Duration	Source of Funding
1.	Three Days Workshop on Implementation of Outcome Based Education in context of NBA	Workshop	17-19 July 2020	Self-Sponsored
2.	One day Webinar on Outcome Based Education	Webinar	07 August 2020	Nil

### Annexure-VII

Awards / Recognitions received by faculty and students

(a) List of awards won in the inter institute/institute technical events

AY-2020-21

Sr. No.	Event Name	Participant Name	Rank	Organized By
1	Avishkar @zeal college,Pune	Mahesh Vane	Second	Zeal College Pune
2	Best paper award	V.J. Suryawanshi, Paper on "Effect of parametric analysis on gearbox vibration using particle damping method"	First	4 <sup>th</sup> International conference in Ideas Innovation impact in science & Technology



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

IQAC/2020-2021

Date: 15 /02/2022

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT FOR 2020-2021**

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 & SY B.Tech, and M. Tech: Credit based system as per the academic autonomy of the Institute.Exam conducted by institute smoothly. 2. TE and BE : As per SPPU, Pune, Credit based system PR/OR Examination records were verified and found OK. Verified PR/OR Exam record of the subject EDC ,SY B.Tech and found OK.												
A-6	Record of participation of the department in the courses offered by other departments	Department offers services to FYB.Tech (Comp,Mech,Civil,IT,Structural) Engineering.												
A-7	Courses in collaboration with other Universities, industries, foreign institutions, etc.	NIL												
A-9	Number of Teaching Posts sanctioned and filled	2020-21 <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>Sanctioned</th> <th>Filled</th> </tr> </thead> <tbody> <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>16</td> </tr> </tbody> </table> Conducted interviews as per University statues for selection of candidates.		Sanctioned	Filled	Professors	02	02	Asso.Prof.	04	01	Asst.Prof.	12	16
	Sanctioned	Filled												
Professors	02	02												
Asso.Prof.	04	01												
Asst.Prof.	12	16												
A-10	Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./Ph.D./M.Phil. etc.)	2020-21 Professors: 02 Asso.Prof.: 01 Asst.Prof.: 16 Number of Ph.Ds: 04 Data has been verified and found OK. For details of faculty list refer Annexure I												
A-13	Student-Teacher Ratio (programme wise)	UG 17:1 PG 8 :1												
A-14	Record of number of academic support staff	<table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>2019-20</th> <th>2020-21</th> </tr> </thead> <tbody> <tr> <td>Tech.Asst.</td> <td>04</td> <td>03</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> For details of supporting staff refer Annexure II		2019-20	2020-21	Tech.Asst.	04	03	Lab. Asst.	02	02	Peons	03	03
	2019-20	2020-21												
Tech.Asst.	04	03												
Lab. Asst.	02	02												
Peons	03	03												

A-16	Information about research grants, projects completed and ongoing projects	Grant of Rs.10 lacs was sanctioned to Dr.B.S.Agarkar by AICTE under MODROB proposal for Microwave and Fiber Optic Communication Lab for the period 2019-21.Document verified and found OK.
A-17	Information of funds received	Grant of Rs.10 lacs was sanctioned to Dr.B.S.Agarkar by AICTE under MODROB proposal for Microwave and Fiber Optic Communication Lab for the period 2019-21.
A-20	Records of Consultancy services provided	2020-21 NIL Need to be improved
A-25	Records of details of Seminars /Conferences/Workshops organised and the source of funding	Department organized 10 different programmes (Webinar/WS/FDP) etc under different professional bodies.
A-30	Details of departmental Infrastructural facilities	(with ICT facility) Class Rooms: 03 Tutorial Rooms: 02 Laboratories: 13
A-32	Records of student enrichment programmes	2018-19: 05 2019-20: 12 2020-21:13 Department organized 13 different student enrichment programmes (Expert Lectures/Trainings/Workshops) with external experts. Records verified and found OK.

### B. Faculty Achievements

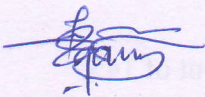
B-19	Records of Publications	Total number of publications in referred journal and conference proceedings are 11. Publications: Faculty ratio is 0.61. This ratio is declined as compared to previous year(0.722 to 0.61). Need to be improved.
B-21	Record of participation of Faculty in various academic activities as members of committees at University level, State level, National level, International level bodies	1. Dr. B.S.Agarkar working as senate member in SPPU,Pune 2. Dr. B.S.Agarkar also working as member of LIC,staff selection committee in SPPU,Pune
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and International levels.	03 faculty members worked as reviewer for IEEE international conference. Verified data of Dr. S.George as a reviewer of ICCICT-2021 at Sardar Patel Institute of Technology, Andheri, Mumbai.

B-23	Details of Awards /Recognitions received by Faculty	Dr. S.George Elevated to Senior Grade Member of IEEE from October 2020. Records verified and found OK. Dr. B. S. Agarkar was recognized as PhD Guide ,SPPU pune.
<b>C. Students Achievements</b>		
C-26	Records of Student profile (Programme wise)	Data of 2017-2021 has been checked and verified Total Number of students: 79 37(M), 42(F)
C-26	Records of year wise results of students	University result of Final year Engineering 2018-19: 79.85% 2019-20: 98.31% 2020-21: 99.00%
C-27	Records of Diversity of students	2020-21: 100% from Home state 2019-20: 96.93% from Home state 3.07% from other states 2018-19: 100% from Home state
C-28	Records of number of students cleared Civil services and Defence services examination, GATE and other examinations	2020-21: NIL 2019-20: NIL 2018-19: NIL Need to be improved
C-29	Records of student progression/ Placement record	2020-21: UG to PG: 00 Campus and off campus selection: 58% Entrepreneurship/Self-employment : 0.99% 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. Need to be improved.
C-23	Details of Awards / Recognitions received by students	Number of awards received at national level by students during A.Y.2020-21 are 02. Technical :01 Sports:01
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	12 different programmes were organised under NSS Unit As per Annexure III
<b>D. Teaching Learning Process</b>		
D-I	Course file	Course File of the subject NT of SY B.Tech. was verified.consolidated CIA marks awarded to students has been checked and and found OK.
D-II	Laboratory File	Laboratory file for the subject Signals & systems was

		checked and found OK. Video lectures uploaded on youtube for the same subject has been checked
D-III	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-IV	Use of ICT in class room & laboratory instructions	In view of Covid-19 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, in addition to the in house developed Learning Management System.

**Special remarks by Auditors:**

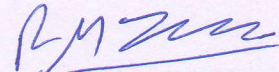
- Certificate courses/value addition courses were not organized as per requirements.
- For participation of the department in handling courses of other department, necessary communication should be there between concerned department.
- Department faculty should prepare faculty profile as per prescribed format with supporting proofs.



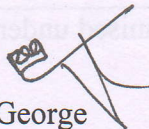
Dr. B. S. Agarkar  
Auditee



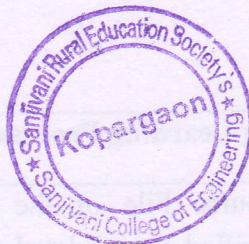
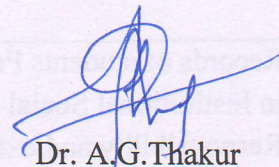
Prof. A. V. Brahmane  
Internal Auditor



Mr. R.G. Zope  
External Auditor



Dr. S. George  
Coordinator, IQAC

Dr. A.G. Thakur  
Director & Chairman, IQAC  
Sanjivani College of Engineering  
Kopergaon

**ANNEXURE-1**

**Name of Faculty with Designation**

<b>Name of Faculty</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years Experience</b>	<b>No. of Ph. D. Students guided for the last 4 years</b>
Dr. B. S. Agarkar	M. Tech. (EDT), Ph.D.	Professor	Electronic Design Technology ,C ommunication System	31	-
Prof. R. G. Zope	M. Tech. (EDT)	Assistant Professor	Electronic Design Technology	31	-
Dr. S. George	MS (E&C), Ph. D.	Professor	Instrumentation & control	32	-
Prof. N. D. Kapale	ME (Elex.)	Assistant Professor	Electronics	22	-
Mr. N. Y. Siddiqui	ME (Elex.)	Assistant Professor	Electronics	20	-
Mr. D. G. Lokhande	ME(Telex)	Assistant Professor	Electronics	20	-
Mr. M. A. Sayyad	ME (Elex.)	Assistant Professor	Electronics	20	-
Dr. N. K. Darwante	ME(Elex), MBA(M), Ph. D.	Assistant Professor	Electronics, Computer Vision	15	-
Mr. G. A. Bhatane	ME(E&Tc)	Assistant Professor	VLSI & Embedded systems	18	-
Mr. N. I. Bhopale	ME(Elex)	Assistant Professor	Electronics	14	-
Mr. S. S. Kulkarni	ME (Elex.)	Assistant Professor	Electronics	12	-
Mr. Y. R. Khandekar	ME (Elex.)	Assistant Professor	Digital Systems	11	-
Dr. S. V. Chaudhari	ME (Elex.) Ph. D.	Associate Professor	Digital Systems	15	-

Mr. P. M. Vibhute	ME (Elex.)	Assistant Professor	Digital Systems	10	-
Mr. S. K. Gupta	MTech (Elex.)	Assistant Professor	VLSI Design	8	-
Mr. D. P. Mahurkar	ME (Elex.)	Assistant Professor	Electronics	19	-
Mr. A. A. Kondekar	ME (Elex.)	Assistant Professor	Digital Systems	13	-
Mr. V. B. Shinde	ME (Elex.) MBA(HR)	Assistant Professor	VLSI & Embedded System	13	-
Mr. Abhiranjan Kumar	BE (E & C)	Assistant Professor	Electronics and Communication	03	-



## ANNEXURE - II

### Technical supporting and administrative staff:

<b>List of Technical Assistant</b>		
<b>Sr. No.</b>	<b>Name of Staff</b>	<b>Designation</b>
1	Mr. P. J. Bharud	Technical Assistant
2	Mr. N. D. Kape	Technical Assistant
3	Mr. A. W. Kekan	Technical Assistant
<b>List of Lab Assistant</b>		
1	Mr. S. G. Hande	Lab Assistant
2	Mr. R. S. Warkad	Lab Assistant
<b>List of Peons</b>		
1	Mr. R. R. Chine	Peon
2	Mr. D. C. Dibare	Peon
3	Mr. S. P. Malik	Peon

### ANNEXURE – III

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

<b>Sr. No</b>	<b>Name of Activity</b>	<b>Details of Activity</b>	<b>Date of Conduction</b>
1	International Yoga Day Celebration	6 <sup>th</sup> International Yoga Day Celebration Trough online mode	21/06/2020 11 students
2	Tree Plantation Drive	NSS team of Sanjivani Engineering College has organized tree plantation drive	25/06/2020 07 students
3	Fit India Program	NSS team of Sanjivani Engineering College has organized Fit India Program	15/08/2020 07 students
4	NSS day celebration video making competition	NSS team of Sanjivani Engineering College has organized video making competition	24/09/2020 05 students
5	NSS Orientation Program	NSS team of Sanjivani Engineering College has organized NSS Orientation Program	24/09/2020 12 students
6	Celebration of Birth Anniversary Celebration of Mahatma Gandhi	Celebration of 152th Birth Anniversary of Rashtrapita Mahatma Gandhi	02/10/2020 05 students
7	Workshop on UPSC and MPSC	NSS team of Sanjivani Engineering College has organized Workshop on UPSC and MPSC	11/10/2020 06 students
8	Celebration of SardarVallabhbhai Patel Jayanti National Unity day	NSS team of Sanjivani Engineering College has organized SardarVallabhbhai Patel Jayanti National Unity day	26/10/2020 05 students
9	Celebration of Indian Constitution Day	NSS team of Sanjivani Engineering College has organized Indian Constitution Day	26/11/2020 04 students
10	Celebration of world AIDS day	NSS team of Sanjivani Engineering College has organized AIDS day	01/12/2020 08 students
11	Celebration of Youth Day (Swami Vivekanand Jayanti)	NSS team of Sanjivani Engineering College has organized Youth Day	12/01/2021 05 students
12	National Polio Immunization day	NSS team of Sanjivani Engineering College has organized National Polio Immunization day	31/01/2021 04 students



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

IQAC/2020-2021

Date: 03/02/2022

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2020-2021**

Department: Computer Engineering

Sr. No.	Particulars	Observation of the Auditor																				
<b>A. General Information of the department</b>																						
A-5	Examination System	<ol style="list-style-type: none"><li>1. F.Y. B.Tech, M.Tech I &amp; II follows credit based system as per academic autonomy.</li><li>2. Third Year and Final Year follows credit based system as per SPPU, Pune</li><li>3. Syllabus M.Tech I &amp; II are available and verified</li></ol> <p>Records checked and found ok.</p>																				
A-6	Record of participation of the department in the courses offered by other departments	Department offering services to first year engineering in Civil, Subject name- Computer Fundamental and Programming.  Time Table verified from time table I/C Prof. V.N.Nirgude.																				
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Mrs. Poornima Natrajan is appointed as adjunct faculty. She conducted lectures for the students.  Appoint order verified the records available in the department.																				
A-9	Number of Teaching Post sanctioned and filled	<table border="1"><thead><tr><th>Title</th><th colspan="2">Sanctioned</th><th>Filled</th></tr><tr><th></th><th>UG</th><th>PG</th><th></th></tr></thead><tbody><tr><td>Professors</td><td>03</td><td>01</td><td>01</td></tr><tr><td>Associate Professors</td><td>07</td><td>01</td><td>03</td></tr><tr><td>Asst. Professors</td><td>22</td><td>01</td><td>23</td></tr></tbody></table>	Title	Sanctioned		Filled		UG	PG		Professors	03	01	01	Associate Professors	07	01	03	Asst. Professors	22	01	23
		Title	Sanctioned		Filled																	
			UG	PG																		
		Professors	03	01	01																	
		Associate Professors	07	01	03																	
Asst. Professors	22	01	23																			
A-10	Faculty profile with name, qualification, designation, sp	Faculty profile of Dr. Sai Prasad was verified and found OK. For faculty list refer Annexure – I																				

	ecialization,(D.Sc./D.Litt. /Ph.D./M.Phil.etc.,)			
A-13	Student-TeacherRatio(programm ewise)	Actual Student teacher ratio is as per intake; UG : 16:1 and PG:12:1		
A-14	Record of number of academic support staff	<b>Post Name</b>	<b>Sanctioned</b>	<b>Filled</b>
		Laboratory Assistant	04	04
		Clerk	01	01
		Peon	04	04
		For details refer Annexure - II		
A-16	Information about research grants, project completed and ongoingprojects	Research work entitled "Detection or prevention of promogenet diseases using wireless sensor network" under Aspire- SPPU, Pune with research grant Rs. 200000.00/- is going on. Principal investigator – Prof. V. N. Nirgude.  Record verified and found ok.		
A-17	Information of funds received	<ol style="list-style-type: none"> <li>1. In Year 2019-2020 Prof. V.N. Nirgude get grants of Rs 2,00,000.00/- for prject " Detection or prevention of promogenet diseases using wireless sensor network" (for the period of 3 years.)</li> <li>2. In 2018-2019 Dr. A.B.Pawar get sanction for AICTE- RPS of Rs- 10,79,000/- for project "A smart &amp; eco friendly system based on IoT for an urban India." (for the period of 3 years.)</li> <li>3. In 2020-21 Dr. D.B.Kshirsagar completed 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	<b>Areas</b>	<b>Year</b>	<b>Income Generated (Rs.)</b>
		Web site development	2018-2019	35,000/-

		Feedback Management	2018-2019	45,000/-			
		Development of Material Movement Software (MASSIA)	2018-2019	25,000/-			
		Restructuring Components Data Via Software (MASSIA)	2018-2019	25,000/-			
		Staff information management system	2020-2021	50,000/-			
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	<b>Sr.No.</b>	<b>Seminar/conference/workshop</b>	<b>Name of the event</b>	<b>Duration</b>	<b>Funding agency</b>	<b>Funds received Rs.</b>
		1	STTP	Block Chain & Cryptocurrency	One Week	AICTE	4,00,000/-
A-30	Details of departmental Infrastructural facilities	<p>Total Labs in Dept. are 13.</p> <p>Total Class Rooms are 05 ( Room No – 219, 222, 208, 209, Class Room – I &amp; II)</p> <p>Seminar Hall (Room – 222) , Tutorial rooms ( 106)</p> <p>Total labs 13 are available.</p> <p>Floor plan is available and verified.</p>					
A-32	Records of student enrichment programmes	<p>Seven student enrichment programs (Expert lecture) were conducted with external expert.</p> <p>Record verified and found ok.</p>					
<b>B. Faculty Achievements</b>							
B-19	Records of Publications	Year	Count	Indexing	Ratio of Nos publication to faculty		

		2020-21	20	17- Scopus  3- Google Scholar	0.74
		2019-20	28	Scopus	1.00
		2018-19	15	Scopus	0.46
		Publications in standard journals are increased. Total Citation – 1515 Total H- Index – 64 Total i10 index - 43 Record verified and found ok.			
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.	<ol style="list-style-type: none"> <li>1. Dr. D.B.Kshirsagar, Dr. A.B.Pawar, was worked as BOS committee members in SPPU.</li> <li>2. Dr. P.N. Kalavadekar – IEI journal member.</li> </ol>			
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	18 Faculty are working as reviewer for international journal and conferences Records for previous years are available.			
B-23	Details of Awards /Recognitions received by Faculty	Name	Award	Given by	Year
		B.J.Dange	Best Paper Award	JNEC, Aurangabad(ICSIDE MPC)	2020-2021
		H.E.Khodke	Best Paper Award	JNEC, Aurangabad(ICSIDE MPC)	2020-2021
		P.Saiprasad	Best Paper Award	SRES SCOE	2020-2021
		A.B.Pawar	Best	SRES	2020-2021

		Paper Award	SCOE		
		Dr. D.B.Kshirsagar	Outstanding Engineer award	The Institution of Engineers (India)	2019-20
		Dr. K. Vengatesan	Best paper award	PECTEA M 2K20	2019-20

Records checked and found ok.

### C. Students Achievements

C-26	Records of Student profile programme wise	Year	Students Admitted in First Year	Male	Female
		2020-21	139	97	42
		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 ( SPPU, Pune)
		2020-21	100%
		2019-20	98.74%
		2018-19	100%
		2017-18	95.74%

Under academic autonomy

S.Y. B.Tech – 99.43%

Records checked and found ok.

C-27	Records of Diversity of students	Year	Course	MS state students	OMS students
------	----------------------------------	------	--------	-------------------	--------------

		2020-21	UG- Comp	138	1
		2019-20	UG- Comp	135	1
		2018-19	UG-Comp	125	1
		2017-18	UG-Comp	128	1
		2020-21	PG- Comp	06	-
		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 Defence services examination, GATE and other examinations	Year	GATE	CIVIL services	Defence
		2020-21	Nil	Nil	Nil
		2019-20	Nil	Nil	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	2020-21	2019-20	2018-19
		UG to PG	02	Nil	1
		Employed in Campus Selection	102	100	67
		Records checked and found ok			
C-23	Details of Awards /Recognitions received by students	3 students are appreciated for best score in various contests.			
		Record checked and found ok.			
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	Total 13 activities were conducted by NSS in A.Y. 2020-21			
		On 12/01/2021 Celebration of Youth Day on Swami Vivekanand Jayanti was done. For this activity 13 students and one faculty were present.			



		Records checked and found ok.
<b>D. Teaching Learning Process</b>		
D-I	Course file	Yes, records are available. Prof. S.A.Bhosale theory course file for subject DS-I – Data Structure – I Class S.Y. B.Tech is checked and verified.  Found up-to-date.
D-II	Laboratory File	Yes, records are available. Prof. S.A.Bhosale lab course file for subject DS-I – Data Structure – I Class S.Y. B.Tech is checked and verified.  Found up-to-date.
D-III	Innovative teaching methodology adopted if any	Institute started working on design and implementation of its own Learning Management (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 Covid-19 pandemic situation.
D-IV	Use of ICT in class room & laboratory instructions	In view of Covid – 19 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 examination and MCQ type quizzes, in addition to the above developed Learning Management System.

**Special remarks by Auditors –**

1. Action initiated on curriculum feedback.
2. Department should prepare data on Google citation of their faculty through Google scholar link.
3. Department should prepare faculty profile of their faculty in standard format with supporting proof.

Name and signature of Auditee

Dr. D. B. Kshirsagar

H.O.D. Computer Engineering Department

Name and signature of auditor

Prof. R.G. Zope

Dr. Sabastian George  
Coordinator IQAC  
IQAC



Name and signature of auditor

Prof. D. P. Bhamare  
Sanjivani COE Kopergaon

Dr. A.G. Thakur  
Director & Chairman,

**Sanjivani College of Engineering  
Kopergaon**



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

IQAC/2020-2021

Date: 04/02/2022

ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2020-2021

Department: Information Technology

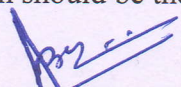
Sr. No.	Particulars	Observation of the Auditor															
<b>A. General Information of the department</b>																	
A-5	Examination System	<ul style="list-style-type: none"><li>The department follows Credit based System for F.Y. B. Tech, S.Y. B. Tech under academic autonomy and examination were conducted by institute</li><li>Syllabus verified for S.Y. B. Tech 2019 pattern w.e.f 2020-2021.</li><li>The department follows SPPU norms for third year and final year engineering 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 and Electronics and Computer Engineering for the course Computer Fundamentals of Programming</li></ul>															
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Mr. Milind Adpaikar, Senior Principal Engineer @ connect-wise Pune. Conducted course for TY IT student for "software product development" for 52 hours. Students were benefitted and developed software product.															
A-9	Number of Teaching Post sanctioned and filled	<table><thead><tr><th>Name</th><th>No. of Post Sanctioned</th><th>Filled</th></tr></thead><tbody><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>0</td><td>01</td></tr></tbody></table>	Name	No. of Post Sanctioned	Filled	Professor	1	01	Associate Professor	2	01	Assistant Professor	8	12	Visiting Faculty	0	01
Name	No. of Post Sanctioned	Filled															
Professor	1	01															
Associate Professor	2	01															
Assistant Professor	8	12															
Visiting Faculty	0	01															
A-10	Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D. / M. Phil. etc)	Faculty profile of Dr. M. A. Jawale is verified.															
A-13	Student -Teacher Ratio (programme wise)	Teacher Ratio: 17:1															
A-14	Record of number of academic support staff	<table><thead><tr><th>Name of Post</th><th>Sanction</th><th>Filled</th></tr></thead><tbody><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>3</td><td>3</td></tr></tbody></table>	Name of Post	Sanction	Filled	Technical Assistant	1	1	Lab Assistant	1	1	Clerk	1	1	Peon	3	3
Name of Post	Sanction	Filled															
Technical Assistant	1	1															
Lab Assistant	1	1															
Clerk	1	1															
Peon	3	3															
A-16	Information about research grants, project completed and ongoing projects	Submitted two research proposal (SERB and DST), Waiting to receive Grant. <ol style="list-style-type: none"><li>"Study and analyse of human brain under critical situation" is submitted to DST</li><li>"Image processing with deep learning to identify cancer tumour" is submitted to SERB</li></ol>															
A-17	Information of funds received	Nil, need to be improve.															


A-20	Records of Consultancy services provided	A.Y. 2020-21 Total Rs. 85,000/- (Eighty-Five Thousand) ERP Solution Development.
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	• 15 programs (FDP/webinar/STTP/workshop) were organised with funding agency AICTE, AICTE-ISTE, AICTE-ATAL and Institute sponsored. Record verified of AICTE sponsored STTP on cyber security.
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	16 programs (expert /workshop/webinar) with external expert were organised. Record of webinar on Block Chain conducted on 28 <sup>th</sup> July (265 students participant) is verified.
<b>B. Faculty Achievements</b>		
B-19	Records of Publications	Total 18, International Journal =09, International conference =09. Publication per faculty =1:3
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.	Nil
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	1)Dr. M. B. Gawali as technical committee member for the event REC 2020. Hongkong society of robotic and automation.
B-23	Details of Awards /Recognitions received by Faculty	Dr. M. A. Jawale has received best paper award for ICRTC-2021. Mr. A.A. Barbind received recognition for chhatri Vishwakarma award 2020 by AICTE.
<b>C. Students Achievements</b>		
C-25	Records of Student profile programme wise	2020-2021:62 Students are admitted (Male-24, Female-38) for F. Y. B. Tech.
C-26	Records of year wise results of Student	Final Year result under SPPU Pune MAY 2021:83%, MAY2020:65%, MAY2019:78%
C-27	Records of Diversity of students	A. Y. 2020-21: 97.18% of students from home state and 2.81% from other state.
C-28	Record of number of students cleared Civil services and Defence services examination, GATE and other examinations	Nil, need to be improve
C-29	Record of Student progression/ Placement record	UG to PG-0% (A.Y. 2020-2021) A.Y.2020-2021: In campus .& off campus placement: 49/59=83.05 %
C-23	Details of Awards /Recognitions	• Four students are received recognition in project

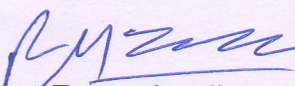
	received by students	competition organised by CSI Nashik Chapter in association with digital impact square Nashik. <ul style="list-style-type: none"> <li>Four students are received recognition in Chhatr Vishwakarma Award, organised by AICTE.</li> </ul> Need to be improve
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	Three programs like webinar for world AIDS Day2020, National pulse polio immunization and webinar on consumer guidance are organised.
<b>D. Teaching Learning Process</b>		
D-I	Course file	Couse file of Mrs. D. P. Bhamare for subject FDS For Second Year IT has been verified. Learning document verified and unit CIA verified and found ok.
D-II	Laboratory File	Lab file of Mrs. K. D. Patil for subject OOPL For S. Y. IT has been verified.
D-III	Innovative teaching methodology adopted, if any	Capsule Course, Problem based Learning, NPTEL Video, YouTube video
D-IV	Use of ICT in class room & laboratory instructions	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.

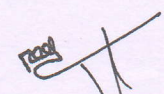
**Special remarks by Auditors:**

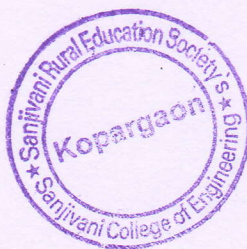
1. Department should Create Google Scholar account for collecting google citation of their faculty.
2. For participation of the department handling courses of the other department, necessary communication should be there between the concerned department.

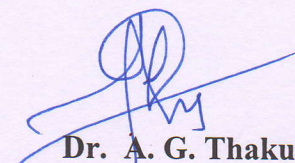
  
Name and signature of Auditee  
**Dr. M. A. Jawale**  
Head, IT Department.

  
Internal auditors  
**Dr. N. S. Naik**

  
External auditors  
**Prof. R. G. Zope**

  
**Dr. S. George**  
Co-ordinator, IQAC  
Sanjivani COE, Kopargaon



  
**Dr. A. G. Thakur**  
Director,  
Sanjivani COE, Kopargaon  
Sanjivani College of Engineering  
Kopargaon



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

IQAC/2020-2021

Date: 04<sup>th</sup> February 2022

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2020-2021**

**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. & S.Y. B. Tech: As per norms decided by institute according to academic autonomy norms, Credit based system. 2. Third Year and Final Year (BE): As per SPPU, Pune, Credit based system. PR/OR Examination. Record are verified.		
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> . Records are verified.		
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil		
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 Dr. D.B. Pardeshi was verified and found correct. The faculty should prepare the personal file as per the prescribed format of the department. Total number of faculty in department 2020-21 is 12. Refer Annexure –I. Attach list of faculty.		
A-13	Student-Teacher Ratio (programme wise)	Student Teacher Ratio is as per intake 24:1 Need to be reduced, & add more faculty in department		
A-14	Record of number of academic support staff.	Name of Post	Sanction	Filled
		Technical Assistant	02	01
		Lab Assistant	02	00
		Clerk	01	00

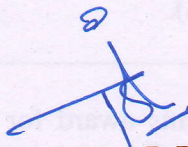
		Lab Attendant	00	01
		Peon	02	02
		Need to fill remaining post		
A-16	Information about research grants, project completed and ongoing projects	Submitted one research proposal of Prof. P.V.Thokal and Prof. R.R.Bibave "Performance improvement of lighting circuits with PWM approach" Under ASPIRE, SPPU, Pune.		
A-17	Information of funds received	Nil. Need to be improved.		
A-20	Records of Consultancy services provided	Department received the Rs. 14000/- consultancy through academic Gate coaching to Gaikwad patil , Group of Institute , COE& T, Nagpur. Record checked and found OK.		
A-25	Records of details of Seminar / Conferences/ Workshops organised and the source of funding	Nil. Need to improve.		
A-30	Details of departmental Infrastructural facilities	Total No.s of Laboratory :: 09 Class Room :: 02 (231,232) with ICT Facility. Seminar Hall :: 00 Tutorial Room :: 01 (039)		
A-31	Records of student enrichment programmes	Department has organized 18 self sponsored seminar/webinar in online mode. Record verified for the event title "Electric vehicle and future scope" by Dr. Rajesh Pindoriya, IIT Mandi on 10/03/2021. Records are verified.		
<b>B. Faculty Achievements</b>				
B-19	Records of Publications	17 paper are published by faculty in AY 2020-21, in various Journals. Paper published per faculty 17/12=1.41. Department has prepared the departmental News letter from December 2020 Volume 01 & Volume 02.		
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. 2020-21 ➤ Nil (Need to be Improved)		
B-22	Details of faculty appointed / nominated on Editorial boards at University, State, National and international levels.	➤ Dr. D.B.Pardeshi working as Reviewer for journal International Journal for research in Engineering application and Management.		
B-23	Details of Awards / Recognitions received by Faculty	A.Y. 2020-21 ➤ Nil (Need to be Improved)		
<b>C. Students Achievements</b>				
C-25	Records of Student profile programme wise	2020-21: F.Y. B.Tech 65 Students admitted (Male-43, Female-22) Records are verified.		
C-26	Records of year wise results of Student	A. Y. 2020-21 ➤ Second Year (Electrical Engg) result May		

		2020 is 85.26% ➤ Final Year (Electrical Engg) result May 2020 is 98.18% Records are verified.
C-27	Records of Diversity of students	A. Y. 2020-21: ➤ 98.46% of students from home state and 1.56% from other state.
C-28	Record of number of students cleared Civil services and Defence services examination, GATE and other examinations	Aditya Rugale valid CAT score. Records are verified.
C-29	Record of Student progression/ Placement record	Students placed 42/57 (73.68%). Records are verified.
C-23	Details of Awards /Recognitions received by students	A.Y. 2020-21 Department received 05 students award for different event at national level. Records are verified.
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	A.Y. 2020-21 Students participated in cleanliness drive of Ankaifort. Records are verified.
<b>D. Teaching Learning Process</b>		
D-I	Course file	Course file of Prof. S.R.Maurya for subject Power System For TY 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. P.S.Chobe for subject Power Electronics Lab For third Year Electrical Engineering has been verified. No. of practical 13 planned and executed 07 lectures.
D-III	Innovative teaching methodology adopted if any	Institute started working on design and implementation of its own Learning Management (Sanjivani LMS) science January 2020. The entire teaching-learning process including lectures, practical, tutorials, Quiz, assignment etc. are completely hosted on Sanjivani LMS. This has made teaching-learning process very effective in the Covid-19 pandemic situation.
D-IV	Use of ICT in class room & laboratory instructions	In view of Covid-19 pandemic, all faculties used ICT tools such as Google class room, Google meet Zoom meet etc. to conduct online classes. Moreover, faculty used Google forms to conduct online examinations and MCQ type quizzes, in addition to the in-house developed Learning Management System.

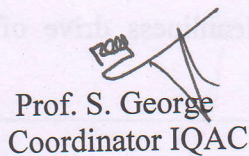


**Special remarks by Auditors:**

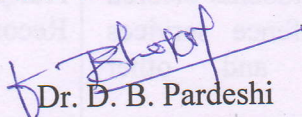
1. Department should collect Google citation of their faculty through Google scholar profile.
2. Department should prepare faculty profile of each staff in standard format with supporting documents.
3. For participation of the department in handling courses of other department necessary communication should be there between the concerned departments.



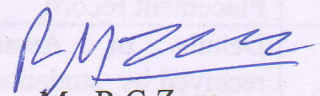
Prof. Mrs. D.P. Bhamare  
Internal Auditor



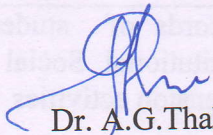
Prof. S. George  
Coordinator IQAC



Dr. D. B. Pardeshi  
Auditee & Head of Department  
Head of Dept.  
Dept. of Electrical Engg.  
Sanjivani College of Engineering  
Kopergaon 423603



Mr. R.G. Zope  
External Auditor



Dr. A.G. Thakur  
Director & Chairman, IQAC  
Sanjivani College of Engineering  
Kopergaon



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

IQAC/2020-2021

Date: 04/02/2022

ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2020-2021

Department: Department of Structural Engineering

Sr. No.	Particulars	Observation of the Auditors												
<b>A. General Information of the department</b>														
A-5	Examination System	Department follows credit based system under academic autonomy for F.Y.B.Tech. and F.Y.M.Tech. structural. Examination is conducted by the Institute. The department is established in the year 2020 and prepared program structure for SY.B.Tech and for M.Tech for semester I and II												
A-6	Record of participation of the department in the courses offered by other departments	As the department is new, the department has not offered services to other departments.												
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	NIL												
A-9	Number of Teaching Post sanctioned and filled	<table border="1"><thead><tr><th></th><th>Sanctioned</th><th>Filled</th></tr></thead><tbody><tr><td>Professors</td><td style="text-align: center;">01</td><td style="text-align: center;">01</td></tr><tr><td>Associate Professors</td><td style="text-align: center;">01</td><td style="text-align: center;">01</td></tr><tr><td>Asst. Professors</td><td style="text-align: center;">05</td><td style="text-align: center;">05</td></tr></tbody></table>		Sanctioned	Filled	Professors	01	01	Associate Professors	01	01	Asst. Professors	05	05
	Sanctioned	Filled												
Professors	01	01												
Associate Professors	01	01												
Asst. Professors	05	05												
A-10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)	Faculty profile (Personal File) of Dr. N. S. Naik is verified.												
A-13	Student -Teacher Ratio (programme wise)	As the department is newly started, there are no higher classes like S.Y., T.Y. and Final year B.Tech. Hence Student-Teacher ratio is not provided.												

Sr. No.	Particulars	Observation of the Auditors		
			Sanctioned	Filled
A-14	Record of number of academic support staff			
		Lab	01	01
		Peon	02	02
A-16	Information about research grants, project completed and ongoing projects	NIL		
A-17	Information of funds received	NIL		
A-20	Records of Consultancy services provided	NIL		
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	NIL		
A-30	Details of departmental Infrastructural facilities	Class Room: 309 with ICT facility. Seminar Hall: E-302 with ICT facility. Laboratories: 06 Total Built-up area: 701.628 sq. m. ( Information given by Dean Infrastructure Dr. M. S. Purkar)		
A-32	Records of student enrichment programmes	NIL		
<b>B. Faculty Achievements</b>				
B-19	Records of Publications	07 papers published in various international journals with indexing in Web of Science, Scopus/SCI. 01 Book chapter is published. Citation Index of the department is 1724 h index is 22 Publication per faculty: 1.75.		
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.	NIL		
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international	NIL		

Sr. No.	Particulars	Observation of the Auditors
	levels.	
B-23	Details of Awards /Recognitions received by Faculty	NIL
<b>C. Students Achievements</b>		
C-26	Records of Student profile programme wise	Students admitted to F.Y. B.Tech.: 26. Students admitted in M.Tech:20
C-26	Records of year wise results of Student	F.Y. B.Tech.(Structural Engg.) 2020-21 result: 100% F.Y. M.Tech.(Structural Engg.) 2020-21 result:100% Examination was conducted by institute under academic autonomy.
C-27	Records of Diversity of students	Students admitted to F.Y. B.Tech.: 26. (Male:13, Female:13) Students admitted in M.Tech:20 ( Male:17, Female:03) through the centralized admission process conducted by DTE, Maharashtra State.
C-28	Record of number of students cleared Civil services and Defense services examination, GATE and other examinations	NIL
C-29	Record of Student progression/ Placement record	NIL
C-23	Details of Awards /Recognitions received by students	NIL
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	NIL
<b>D. Teaching Learning Process</b>		
D-I	Course file	Course file of Dr. N. S. Naik for the subject "Engineering Mechanics" of F.Y.B.Tech. Structural engineering for the A.Y.2020-21 was verified.
D-II	Laboratory File	Lab file verified, Consolidated marks awarded to F.Y. M.Tech. students verified. The assessment includes self-learning, assignments and test. Also verified CIA evaluation sheet and consolidated marks.

Sr. No.	Particulars	Observation of the Auditors
D-III	Record of Content Beyond syllabus	NOT APPLICABLE
D-IV	Record of Self learning	NOT APPLICABLE
D-V	Innovative teaching methodology adopted if any	Institute has designed and implemented it's own learning management system. This platform was effectively used by many faculty members for teaching learning during the COVID19 pandemic situation. The departmental staff also used you tube platform for video lectures of their subjects.
D-VI	Use of ICT in class room & laboratory instructions	In view of COVID-19 pandemic situation all faculty used ICT tools such as google class room, google meet, zoom etc. To conduct the online classes. Moreover, faculty used google forms to conduct online examination and MCQ type quizzes.

#### Special remarks by Auditors

- Department should take initiative to prepare faculty profile (Personal File) of each faculty in prescribed format.
- Define role and responsibilities of faculty along with organizational structure of the department.

Name and signature of Auditee

**Head of Structural Engineering  
Sanjivani College of Engineering  
Kopargaon-423603**

(Prof. D. G. Lokhande)

Name and signature of auditor

(Prof. R. G. Zope)

Name and signature of auditor

Dr. Sebastian George  
Coordinator IQAC



Dr. A. G. Thakur  
Director & Chairman, IQAC

**Sanjivani College of Engineering  
Kopargaon**



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

IQAC/2020-2021

Date: 04/02/2022

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2020-2021**

Department: Mechatronics Engineering

Sr. No.	Particulars	Observation of the Auditor												
<b>A. General Information of the department</b>														
A-5	Examination System	1. Department follows credit based system under academic autonomy for F.Y. B.Tech. (Mechatronics)  2. Syllabus draft copy of SY B.Tech Mechatronics Sem-I & program structure of all four years has prepared												
A-6	Record of participation of the department in the courses offered by other departments	Department offers services to FY B.Tech Mechanical / IT / ETC for the subject BME (BM108), EG (ES1001), BEEEL (ES1003)												
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Organised lecture series on "Time to Expand Engg. Horizons" from 4 <sup>th</sup> May-2021 to 9 <sup>th</sup> May-2021, Total duration-12Hrs, Resource Person-06 from India and abroad industry												
A-9	Number of Teaching Post sanctioned and filled	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Post</th> <th style="text-align: center;">Sanctioned</th> <th style="text-align: center;">Filled</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Professors</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Associate Professors</td> <td style="text-align: center;">2</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Asst. Professors</td> <td style="text-align: center;">9</td> <td style="text-align: center;">3</td> </tr> </tbody> </table>	Post	Sanctioned	Filled	Professors	1	1	Associate Professors	2	1	Asst. Professors	9	3
Post	Sanctioned	Filled												
Professors	1	1												
Associate Professors	2	1												
Asst. Professors	9	3												
A-10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)	Faculty profile of Dr. R. A. Kapgate is verified.  For faculty list refer to ANNEXTURE-I												
A-13	Student -Teacher Ratio (programme wise)	12:1  1. Department is established in AY2020-21  2. Second year is in progress												

A-14	Record of number of academic support staff	<b>Sr. No.</b>	<b>Details of support and administrative staff</b>	<b>Sanctioned</b>	<b>Filled</b>
		1	Administrative staff	01	-
		2	Support staff(Technical)	03	01
		3	Support	02	01
For Supporting staff refer to ANNEXTURE-II					
A-16	Information about research grants, project completed and ongoing projects	Research proposal should be undertaken			
A-17	Information of funds received	NIL			
A-20	Records of Consultancy services provided	NIL			
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	NIL			
A-30	Details of departmental Infrastructural facilities	Class Room 0 Laboratory- 03 Seminar Hall -0 Tutorial Room – 0			
A-32	Records of student enrichment programmes	Department has organised 3 workshops for FY B.Tech students to improve their Augmented Skills			
<b>B. Faculty Achievements</b>					
B-19	Records of Publications	Department faculty Publications: 03  Paper in various international journal, verified paper and title “Powerful Technology and Applications of web mining” by Prof. Chaitanya Kale  Publication per faculty ration is $4/6 = 0.66$			
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. R. A. Kapgate working as a committee member on CII industry- Institute Interaction, Maharashtra state			

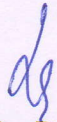
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	NIL
B-23	Details of Awards /Recognitions received by Faculty	Dr. R. A. Kapgata received Ph.D. guide recognition from SPPU, Pune
<b>C. Students Achievements</b>		
C-26	Records of Student profile programme wise	Student admitted for FY B.Tech Mechatronics 63 Nos. (Male : 46, Female-17) through DTE Maharashtra CAP
C-26	Records of year wise results of Student	FY B.Tech Mechatronics result – 98.41% & examination conducted by institute under academic autonomy.
C-27	Records of Diversity of students	Percentage of students from home state admitted to FY B.Tech Mechatronics is 100%
C-28	Record of number of students cleared Civil services and Defense services examination, GATE and other examinations	NIL
C-29	Record of Student progression/ Placement record	NIL
C-23	Details of Awards /Recognitions received by students	NIL
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	3 students participated in NSS Refer to ANNEXTURE-III
<b>D. Teaching Learning Process</b>		
D-I	Course file	Course file of Dr. R. A. Kapgata verified and learning resources material, CIA assessment checked and found OK
D-II	Laboratory File	Course file for practical based on course BME of Dr. R. A. Kapgata verified and consolidated marks of students verified and found OK
D-III	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



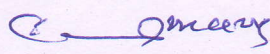
		completely hosted on Sanjivani LMS. This has made teaching-learning process very effective in the Covid-19 pandemic situation
D-IV	Use of ICT in class room & laboratory instructions	In the view of Covid-19 pandemic, all faculties used ICT tools such as Google classroom, Google meet, Zoom etc. to conduct online classes. Moreover, faculty used Google forms to conduct online examinations and MCQ type quizzes, in addition to the inhouse developed learning management system.

### Special remarks by Auditors

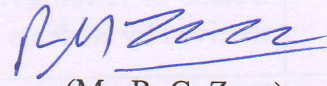
1. Department should prepare faculty profile in standard format.
2. Department should prepare Google Scholar citation details for faculty
3. For participation of the department in handling courses of other department, necessary communication should be there between concerned department



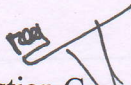
(Dr. R. A. Kapgate)  
Auditee



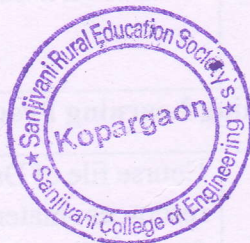
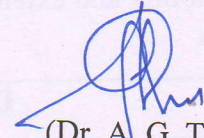
(Prof. A. V. Brahmane)  
Internal Auditor



(Mr. R. G. Zope)  
External Auditor



(Dr. Sebastian George)  
Coordinator IQAC

(Dr. A. G. Thakur)  
Director & Chairman, IQAC

**Sanjivani College of Engineering  
Kopergaon**

### ANNEXTURE-I

Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
R. A. Kapgate	PhD(Mech), M.Tech, MBA	Professor	Mechanical engg	27 Years	02(In progress)
Harshad Shrigondekar	PhD(Mech),	Associate professor	Heat transfer	05 Years	-
Kiran Wackchoure	ME(Design)	Assistant professor	Mechanical engg	12 Years	-
Siddhant Kulkarni	ME(ETC)	Assistant professor	Electronics and telecommuni	10 Years	-
Chaitanya Kale	M.Tech(Comp)	Assistant professor	Computer engg	03 Years	-

### ANNEXTURE-II

Supporting staff profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	No. of Years of Experience
Mr. Nilesh Bhingare	Diploma in mechanical engg	Technical assistant	Mechanical engg.	04 years
Mr. Kiran Dhushing	12 <sup>th</sup> std	Peon		01 Year

### ANNEXTURE-III

Student profile with name, class

Name	Qualification	Activity
Mr. Aditya Badhe	SY mechatronics	NSS Camp
Miss. Shubhangi Chandgude	SY mechatronics	NSS Camp
Mr. Shreyash Balak	SY mechatronics	NSS Camp



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

IQAC/2020-2021

Date: 03/02/2022

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT YEAR 2020-2021**

**Department: MBA**

Sr. No.	Particulars	Observation of the Auditors																
<b>A. General Information of the department</b>																		
A-5	Examination System	Department follows choice based credit system for examination for MBA I & MBA II and exams were conducted by the department under academic autonomy.																
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 (Ist year COMP)																
A-7	Courses in collaboration with other universities, industries, foreign institutions, etc.	MOU signed with OM Logistics for the subject Integrated Logistics Management																
A-9	Number of Teaching Post sanctioned and filled	<table border="1"><thead><tr><th>Sr No</th><th>Name of Teaching post</th><th>Sanctioned</th><th>Filled</th></tr></thead><tbody><tr><td>01</td><td>Professor</td><td>1</td><td>1</td></tr><tr><td>02</td><td>Associate professor</td><td>2</td><td>2</td></tr><tr><td>03</td><td>Asst. Professor</td><td>9</td><td>8</td></tr></tbody></table>	Sr No	Name of Teaching post	Sanctioned	Filled	01	Professor	1	1	02	Associate professor	2	2	03	Asst. Professor	9	8
Sr No	Name of Teaching post	Sanctioned	Filled															
01	Professor	1	1															
02	Associate professor	2	2															
03	Asst. Professor	9	8															
A-10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)	Total 11 faculties available in the department (5 PhD and 6 Post Graduate) <b>Refer Annexure - 1</b>																
A-13	Student -Teacher Ratio (programme wise)	16:1																
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	Work should be initiated on research proposal																
A-17	Information of funds received	NIL																
A-20	Records of Consultancy services	Department receive consultancy of Rs 1,93,158 /- in																

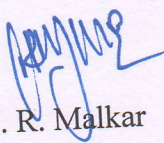
	provided	1. Online Teaching –Learning 2. Business Development Strategic Advisory.
A-25	Records of details of Seminar /Conferences/Workshops organised and the source of funding	Department organized three webinars which are self-sponsored. Record is verified for One Day Webinar on NEP 2020 with special reference to HEI on 10/04/2021
A-30	Details of departmental Infrastructural facilities	Classroom: 07 Computer Lab: 01 Floor plan has been verified
A-32	Records of student enrichment programmes	29 student enrichment programmes (Workshops, Trainings, Expert Lecture) <b>Refer Annexure No -2</b>
<b>B. Faculty Achievements</b>		
B-19	Records of Publications	Total No. of Publications: 22(International Journal: 15, International Conference: 04, National Conference: 01, Case Study: 2) Publication per faculty: 02
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 – 1. Member BOS Marketing Management SPPU. 2. Member of Indian Society for Training & Development New Delhi. 3. Member of Global Society for Basic and Applied Sciences Mumbai, India
B-21	Details of faculty appointed /nominated on Editorial boards at University, State, National and international levels.	Dr. V. R. Malkar: Reviewer of SDMIMD Journal of Management Dr. V. M. Tidke: Conference Advisory member for International Conference with Sadar Patel Education Campus , Gujrat
B-23	Details of Awards /Recognitions received by Faculty	Dr. V. R. Malkar received GRF Award 2020 from Global Research Foundation for Excellence & Innovation in Online Education 2020 on the occasion of Teachers Day
<b>C. Students Achievements</b>		
C-26	Records of Student profile programme wise	MBA Ist Year: 112 students are admitted Male: 77, Female: 35 through CAP Govt. of Maharashtra

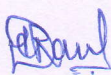
C-26	Records of year wise results of Student	MBA Ist Year Result: 91.74 % MBA II nd Year Result: 100 %			
C-27	Records of Diversity of students	NIL (100% students are admitted from home state)			
C-28	Record of number of students cleared Civil services and Defense services examination, GATE and other examinations	NIL			
C-29	Record of Student progression/ Placement record	Placement: 60% Entrepreneurship : 8.19%			
C-23	Details of Awards /Recognitions received by students	Awards: 2 students are awarded in two different competitions			
		<b>S/r No</b>	<b>Event</b>	<b>Participati on Details</b>	<b>Achieveme nts if Any</b>
		01	College level Rshivratna Competition	01 Participant-Shivam Gir	First Prize
02	State level Elocution competition	01 Participant-Neha Gaikwad	Second Prize		
C-34	Records of students Participation in Institutional Social Responsibility and extension activities	Record of 5 activities (Refer Annexure 3) report is verified for the activity World No Tobacco Day, conducted on 31/05/2021, 72 students were the participants for the activity.			
<b>D. Teaching Learning Process</b>					
D-I	Course file	Course file of Prof. Y. L. Aher for the course 401 – Indian Ethos and Business Ethics is verified. Evaluation sheet and CIA evaluation sheet for CIA is verified.			
D-II	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 form 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-III	Use of ICT in class room & laboratory instructions	In the view of Covid – 19 pandemics, all faculties used ICT tools such as google class room, google meet, zoom etc. to conduct online classes. Moreover, faculties' are using google forms to			

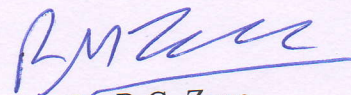
		conduct online examination, MCQ type quizzes in addition to the in house developed Learning Management System
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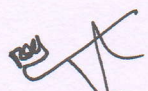
**Special remarks by Auditors –**

1. Faculty should maintain their personal file as per the prescribed format
2. Action should be initiated to fetch the research grants from various funding agencies
3. For participation of the department in handling courses of other departments, necessary communication should be there in between the concerned department.

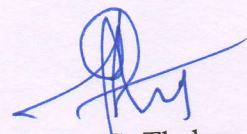
  
 Dr. V. R. Malkar  
 Auditee

  
 Dr. Mrs. S. R. Dandwate  
 Internal Auditor

  
 Dr. R.G. Zope  
 External Auditor

  
 Dr. Sebastian George  
 Coordinator IQAC



  
 Dr. A. G. Thakur  
 Director & Chairman, IQAC  
**Sanjivani College of Engineering**  
**Kopergaon**

## ANNEXURE - I

10. Faculty profile with name, qualification, designation, specialization,  
(D.Sc./D.Litt./Ph.D./M.Phil. etc.,)

Academic Year 2020-21

Sr. No.	Name of Faculty.	Qualification	Designation	Specialization	Experience (years)	No. of Ph.D. students guided for the last 4 years
01	Dr. V.R. Malkar	Ph.D.(Management), MBA (Marketing), B. E.(Mechanical)	Professor & Head of Department	Marketing	16 yrs	4
02	Dr. M. S. Bhayani	Ph. D. (F.M.), MBA(Finance), B.Sc. SET, NET	Associate Professor	Finance	12yrs	Nil
03	Dr. V. M. Tidke	Ph. D. (F.M.)MBA(Finance, HR), B.E.(Chemical)	Associate Professor	Finance	12yrs	Nil
04	Dr. A. R. Jaswal	Ph. D. (Marketing), MBA Marketing, B. Pharm	Asst. Professor	Marketing	21yrs	Nil
05	Prof. Y.L.Aher	MBA(HR), B.H.M.C.T.	Asst. Professor	Human Resource	12yrs	Nil
06	Prof. P.S. Kawle.	MBA (Finance, HR), B.Com.	Asst. Professor	Finance	11yrs	Nil
07	Dr. A. H. Pathak	MBA ( HR, Mktng), Ph. D (HR), BBM	Asst. Professor	Human Resource	5 yrs	Nil



08	Prof. Udayan Mukherjee	MBA Finance B.Tech. (Mech) CFA-1 and 2	Asst. Professor	Finance	<b>17 Yrs</b>	Nil
09	Prof. Akanksha Jaiswal	MBA (Operation) BE (IT), BCA	Asst. Professor	Operation	<b>2 Yrs</b>	Nil
10	Prof. Pragati Singh	MBA (Foreign Trade), BE (CSE)	Asst. Professor	Foreign Trade	<b>2 Yrs</b>	Nil
11	Prof. Snehal Hole	MBA ( Mkting, HR) B Tech Agri	Asst. Professor	Marketing	<b>8 yrs</b>	Nil

## ANNEXURE - 2

### 32. Details on Student Enrichment Programmes (Special Lectures / Workshops / Seminar) With External Experts

AY	Sr. No	Name of the Personality	Organization	Designation	Purpose of Visit	Date of Visit
2020-21	1.	Trainers TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	10/07/2020, 13-15 July 2020
	2.	Trainers TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	28/07/2020
	3.	Dr. D. N. Reddy,	CR Rao AIMSCS, (Former VC, JNTUH)	Director	Workshop	03/08/2020
	4.	Mr. P. Williams, Trainer TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	17-18 August 2020
	5.	Mrs. Mayuri Sable, Funder Bindu Boutique Pune	Bindu Boutique Pune	Founder	Guest Lecture	11/09/2020
	6.	Mr. Jaydeep Bibwe,	Swagat Hospitality Services, Pune	Founder	Guest Lecture	16/10/2020
	7.	Trainers TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	25/01/2021
	8.	Trainers TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	27/01/2021
	9.	Trainers TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	28/01/2021
	10.	Trainers TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	29/01/2021
	11.	Trainers TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	30/01/2021
	12.	Mr. Datta Rokade,	New World Maker Pune	MD	Non-Technical Session	02-06 February 2021

13.	Mr. P. Williams, Trainers TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	16/02/2021
14.	Mr. P. Williams, Trainers TnP	Sanjivani Group of Institutions, Kopargaon	Corporate Trainer	Training	17/02/2021
15.	Mr. Sushanta Kumar Mishra,	IIM Indore	Professor	Guest Lecture	25/02/2021
16.	Mr. Ashish Kumar,	Om Logistics, Pune	Manager,	Guest Lecture	22/03/2021
17.	Mr. Hiryan Borade,	MCI Group, Om Logistics	Project Manager,	Guest Lecture	23/03/2021
18.	Mr. Shatam Shukla,	Strategy & Innovation Management Professional, Pune	Manager	Guest Lecture	03/04/2021
19.	Dr. Esha Jain,	Kurukshetra University, Haryana	President IIC & Faculty	Guest Lecture	15/05/2021
20.	Mr. Darshan Somwanshi,	Bizsol India Ltd. Pune, India	Sr. Business Administrative (Business Analyst),	Guest Lecture	15/05/2021

### 2020-21

Sr. No	Guest lecturers /workshops /seminar	Topic	Expert Name	Date
1	Workshop	OBE & Enhancing Skills and Employability	Dr. D. N. Reddy, Director, CR Rao AIMSCS, (Former VC, JNTUH)	03/08/2020
2	Guest Lecture	Sanjivani Entrepreneurial Story Board	Mrs. Mayuri Sable, Founder Bindu Boutique Pune	11/09/2020
3	Guest Lecture	Sanjivani My Story Board - My Story My Way	Mr. Jaydeep Bibwe, Founder Swagat Hospitality Services, Pune	16/10/2020
4	Guest Lecture	Sanjivani Thought Leader- Contribution of	Mr. Sushanta Kumar Mishra, IIM Indore	25/02/2021

		Research in Professional Career Development		
5	Guest Lecture	Sanjivani I Connect-Career Opportunities in Logistics Industry	Mr. Ashish Kumar, Manager, Om Logistics, Pune	22/03/2021
6	Guest Lecture	Sanjivani I Connect-Career Opportunities in Tourism Industry	Mr. Hiryan Borade, Project Manager, MCI Group, Om Logistics	23/03/2021
7	Guest Lecture	Sanjivani I Connect-Management in Practices	Mr. Shatam Shukla, Strategy & Innovation Management Professional, Pune	03/04/2021
8	Guest Lecture	Sanjivani Entrepreneurial Story Board Start-up Opportunities during & after Covid-19	Dr. Esha Jain, President IIC & Faculty Kurukshetra University, Haryana	15/05/2021
9	Guest Lecture	Sanjivani My Story Board Professional Key Skill Development for Industrial Exposure	Mr. Darshan Somwanshi, Sr. Business Administrative (Business Analyst), Bizsol India Ltd. Pune, India	15/05/2021

### ANNEXURE – 3

Sr. No.	Date	Name of Activity	Brief description	Purpose	Number of Students participated
1 & 2	2/11/2020 to 11/11/2020 & 1/12/2020 to 10/12/2020	SANJIVANI FOUNDATION COURSE-CYCLE-I & SANJIVANI FOUNDATION COURSE-CYCLE-II	This foundation course is universal about management education, human values and professional ethics is an outcome of long search and extensive experimentation by Dr. Vinod Malkar, Dr. Mital Bhayani, Dr. V. Tidake, Dr. A. R. Jaswal, and along with colleagues, towards evolving an effective and universally acceptable methodology for introducing value education	It is in response to a long-felt and urgent need to integrate overview of management education, value education with technical and professional skills in the present-day education system. This course employs an effective methodology focusing on the right understanding of the overview of, Entrepreneurship development and emerging ideas and trends in career development in the 21st century contexts.	30 & 25
3	24/10/2020 - Saturday	UN World Information Day	The United Nations' (UN) World Development Information Day is annually held on October 24 to draw attention of worldwide public opinion to development problems and the need to strengthen	The World Development Information Day is an observance declared worldwide and it is every individual's responsibility to take action toward the sustainable goals, which are now termed as #GlobalGoals, the activity is conducted to make	30

			international cooperation .	students aware about sustainable goals	
4	7/11/2020 - Saturday	National Cancer Awareness Day	The day is important, to educate people about the serious threats of Cancer	‘A National Cancer Awareness Day on 7th November 2020, Saturday, for the purpose of creating awareness of Cancer among students so that they may contribute to fight against fatal disease of cancer	38
5	31/05/2021 - Monday	World No Tobacco Day	The Social Activity has organized ‘A Social Activity of “World No Tobacco Day” on 31st May, 2021, for the purpose of	<ul style="list-style-type: none"> <li>· World No Tobacco Day is one of 11 official global public health campaigns by the WHO</li> <li>· The day aims at informing the public about the dangers of using tobacco and the business practices of tobacco companies</li> <li>· World No Tobacco day also educates the public about the business practices of tobacco companies and what the World Health Organization is doing to fight against the use of tobacco</li> </ul>	72



Sanjivani Rural Education Society's

Sanjivani College of Engineering, Kopergaon 423 603

IQAC/2020-2021

Date :04/02/2022

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: YEAR 2020-2021**

Department: Administration

Sr. No.	Particulars	Observation of the Auditors
<b>A. Governance, Leadership and Management</b>		
A-1	Vision, Mission and Quality Policy of Institute	Vision and Mission statements are available. It is necessary to revise quality policy and define quality objectives of the institute.
A-2	Organization Structure of the Institute	Organogram available which clearly indicates decentralization and delegation of power and collective division making (Refer Annexure I)
A-3	Compliance with Statutory bodies like UGC, AICTE, University etc.	No issues are pending as far compliance with statutory bodies are concerned.
A-4	Legal aspect: University statutes, Taxation norm etc.	University statutes and Taxation norms booklet available.
A-5	Details of Recognition: UGC, AICTE, DTE, Govt. of Maharashtra, University.	AICTE Extension of Approval for 2020-21 (UG & PG Courses) F.No. Western/1-7002298062/2020/EoA dated 15/6/2020
A-6	New programs added	UG Mechatronics Engineering Intake – 60 UG Structural Engineering Intake – 60 PG Structural Engineering Intake - 18
A-7	Details of Teaching staff	Total teaching staff: 171. Data available gender wise, Education wise and category wise. The same has been verified.
A-8	Details of supporting staff	Total supporting staff: 189. List of supporting staff has been verified.
A-9	Perspective/Strategic plan	The process is on for developing strategic / perspective plan.
A-10	Effectiveness of various bodies/Cells /Committees evident through Minutes of Meeting.	Minutes of meeting of Governing Body dt. 07/08/2021 has been verified.
A-11	Teachers provided with financial support to attend Conferences/Workshops and towards membership fees of professional bodies	Institute has policy for financial assistance to staff for attending seminars/conferences/workshops. Seven faculty have been sponsored for IEEE membership and the membership fees are paid by the Institute.

A-12	Welfare measure for teaching/supporting staff	Staff welfare fund scheme is available for both teaching and supporting staff.															
A-13	Details of student admitted in AY 2020-2021	Data available on the details of students admitted for various classes.															
A-14	Total No. of student admitted (2020-2021)	UG :3062 PG: 218 Ph.D: 3 Total :- 3283 (Refer Annexure II)															
A-15	No. of outgoing students of UG program(2020-2021)	823															
A-16	Pass percentage of outgoing students	98.56% (UG)															
<b>B. Infrastructure</b>																	
B-1	Campus layout and floor plan	Campus layout and floor plan are available with Dean, Infrastructure.															
B-2		<table border="1"> <thead> <tr> <th></th> <th>Available</th> <th>Required</th> </tr> </thead> <tbody> <tr> <td>Classrooms</td> <td>36</td> <td>42</td> </tr> <tr> <td>Tutorial rooms</td> <td>17</td> <td>19</td> </tr> <tr> <td>Laboratories</td> <td>81</td> <td>84</td> </tr> <tr> <td>Seminar hall</td> <td>02</td> <td>02</td> </tr> </tbody> </table>		Available	Required	Classrooms	36	42	Tutorial rooms	17	19	Laboratories	81	84	Seminar hall	02	02
	Available	Required															
Classrooms	36	42															
Tutorial rooms	17	19															
Laboratories	81	84															
Seminar hall	02	02															
B-3	Total No. of computers in campus	1012															
<b>C. Central Library Facilities</b>																	
C-1	Library is automated using Integrated Library Management System	Library is automated using ERP SACK INFO 2.5 software															
C-2	Does the Institute have subscription of following: E-journals , shodhganga ,e-book database	Springer e-book collection and EBSCO e-book Business collection available E-journals : ASCE, ASME, IEEE, Science Direct.															
C-3	Expenditure for purchase of books and journals	Total expenditure for 2020-21 including books and journals) Rs. 29,87,874/-															
C-4	Percentage Per day usage of Library by Teachers and Students	P Per day usage of library for circulation 68.16 Reading hall 66.66, Printed & e- journal circulation 510.84  Per day usage of the library should be calculated in percentage considering the number of users perday and total number of staff and students of the Institute.															



C-5	Library committee formation	Library committee has been constituted at Institute level with members from each department. Action taken report(ATR) for the meeting held on 10/03/2021.
C-6	Digital access to Library	Digital library contents are available with e-books and NPTEL video lectures
<b>D Examination Section.</b>		
D-1	Conduct of Examination	Examination rules and regulations booklet available with Controller of Examination
D-2	Examination time table class-wise	Examination Time Table are prepared and notified. FY M.Tech End Semester examination time table (7/6/21 – 11/6/2021) verified
D-3	Declaration of Results	Time limit followed as per examination rules and regulations booklet.
D-4	No. of days from the date of last semester end examination/Year end examination till the declaration of result	FY MBA End Semester examination ended on 30/9/2021 and result declared on 12/10/2021
D-5	Number of students appeared for examination conducted by Institute	Online examinations were conducted in proctored mode by iON Cocubes. Total number of students appeared :1813
D-6	Details of examination related grievances received, if any	As examinations were conducted online, no students grievances have come on evaluation and mode of conduct of examination.

#### **Special remarks by Auditors**

1. Roles and responsibilities of staff (both teaching and supporting) should be formulated and communicated to the concerned.
2. Examination time table should be displayed on institute website.
3. SOP of question paper audit should be revised.
4. Usage of library should be mentained in percentage rather than givine abstract figure.
5. SOP for taking feedback from varrious stake holders should be clearly defined.
6. Office timing should be displayed at appropriate places.

Dr. A. G. Thakur

**Auditee**

**Sanjivani College of Engineering  
Kopergaon**

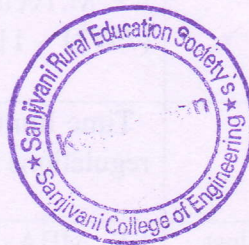
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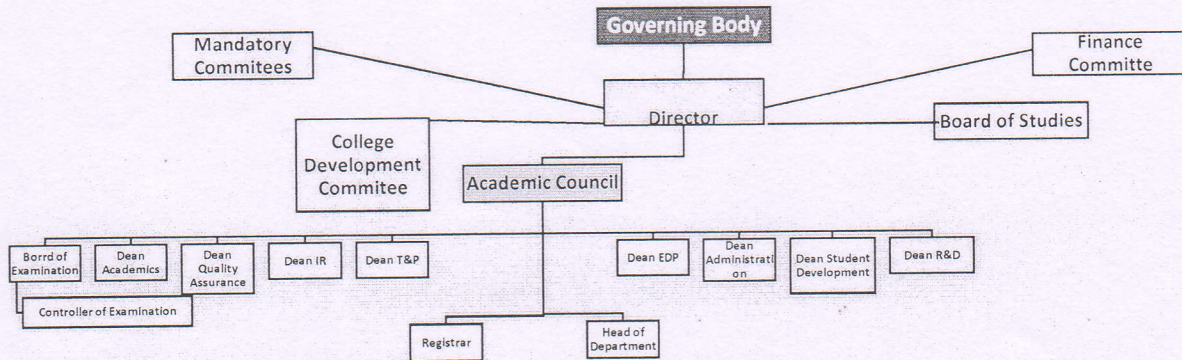
Dr. A. G. Thakur  
Director & Chairman, IQAC  
**Director**

**Sanjivani College of Engineering  
Kopergaon**



# ANNEXURE – 1 – ORGANOGRAM

Sanjivani College of Engineering , Kopargaon



## Sanjivani College of Engineering, Kopergaon

### ANNEXURE II

Details of Student admitted in Academic Year 2020 -21 ( UG & PG )

Program		First Year	Second Year	Third Year	Forth Year
SC	Male	35	64	52	75
	Female	17	20	16	21
ST	Male	2	2	10	7
	Female	0	1	2	2
OBC	Male	188	209	135	199
	Female	74	78	81	81
GENRAL	Male	190	417	240	258
	Female	133	155	103	195
TOTAL		639	946	639	838
	PG				
SC	MALE	24			
	FEMALE	8			
ST	MALE	2			
	FEMALE	1			
OBC	MALE	49			
	FEMALE	32			
GENERAL	MALE	72			
	FEMALE	30			
TOTAL		218			

3. Total number of Student Admitted (2020 -2021)

UG: 3062    PG: 218    PHD: 03    TOTAL :-3283