



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	S. N. J. B'S LATE SAU. KANTABAI BHAVARLALJI JAIN COLLEGE OF ENGINEERING
Name of the head of the Institution	Dr. Mahadeo Kokate
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02556205527
Mobile no.	9423173506
Registered Email	principalcoe@snjb.org
Alternate Email	mdkokate@rediffmail.com
Address	Neminagar, Jain Gurukul, A/P - Chandwad, Dist-Nashik
City/Town	Chandwad, Nasik
State/UT	Maharashtra
Pincode	423101

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Mrs. Kainjan Mahesh Sanghavi
Phone no/Alternate Phone no.	02556253750
Mobile no.	9921343342
Registered Email	sanghavi.kmcoe@snjb.org
Alternate Email	kainjan@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.snjb.org/engineering/pages/igac-cell
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.snjb.org/engineering/pages/Academic%20Calendar

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.05	2017	30-Oct-2017	29-Oct-2022

6. Date of Establishment of IQAC	28-May-2016
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Academic Audit	20-Jun-2020	50

	7	
IQAC Cell Meeting for AQAR Submission	28-Mar-2020 1	17
Meeting with HOD and IQAC Team for Quality Enhancement in Academic (Online Teaching Learning)and Administration Issues	28-Mar-2020 1	17
Assessment of Lab Practices through Mission Practical Team to enhance quality in Practical Conduction	16-Oct-2019 1	20
Adoption of Examination Reforms of AICTE to consider Blooms Taxonomy in Internal Test Papers	28-Jun-2019 1	17
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
SNJB's KBJ COE, Chandwad	State Govt Scholarship	MahaDBT	2020 1	26989820
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1) Adoption of Examination Reforms in Internal Test Papers 2) NBA Awareness Quiz
 3) Assessment of Lab Practices through Mission Practical 4) Paperwise result analysis to be submitted by departments along with follow up remedial measures 5) Organized Group Discussion Tournament for Students 6) Test of English Words by SSDC Cell for upliftment of vocabulary of students

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Internal Academic Audit	Audit Carried Out Successfully with Suggestions for Improvement from 22/6/2020 to 29/6/2020 for all departments
Adoption of Examination Reforms of AICTE to consider Blooms Taxonomy in Internal Test Papers	All Department have adopted the AICTE Examination Reforms while preparing the internal test paper, as suggested by IQAC Team and Academic Dean which has increased the students level of understanding about the course learning outcomes and also the marking scheme.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC Members	25-Sep-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

26-Jan-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

AcademiaSNJB ERP is the complete enterprise solution for higher ed institutions viz. colleges universities

looking to automate their Academic and Administrative processes. This comprehensive suite streamlines the complete student life cycle from Enquiry to Graduation as well as administrative processes such as Inventory, Hostel, Library, Human Resources, etc. The product is built on cuttingedge Java technology and is robust scalable. Academia ERP impacts all the functions departments and removes manual intervention as far as possible, making the execution of processes smooth and leading to increased efficiency and greater control on the system. Academia College ERP modules are designed to integrate the processes of the entire campus such as program management, course management, preadmission/ admission management, student information system, fee management and many more. Automation in the education industry is a necessity to accomplish the mission of empowering the sector and giving all stakeholders a sophisticated yet easy and productive system to work with.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

SNJB's Late Sau. Kantabai Bhavarlalji Jain College of Engineering, Neminagar, Chandwad, and Dist- Nashik is affiliated to Savitribai Phule Pune University, Pune. It follows the University designed curriculum and academic calendar for teaching learning scheme. The Institute runs five UG courses in Civil Engineering, Computer Engineering, Electronics and Tele-communication Engineering, Mechanical Engineering and Information Technology and MBA. Although, University prepares an Academic Calendar that specifies the duration of the semester, the commencement and conclusion dates of the semesters. We plan several interactive activities like mentor meetings, Industrial visit schedule, Guest/Expert lecture, seminar and project reviews, unit test schedule, prelim exam schedule and oral practical exam schedule for students during this semester period. Head (HOD) of all departments forms a committee for Workload distribution and time table preparation. The responsibility of monitoring the effective implementation of Academic Calendar and designed time table is assigned to Academic Coordinator. Academic Coordinator also monitors the status of syllabus completion in theory and practical on monthly basis. If any deficit found or required, HODs make provision for extra lectures in any subject(s). At the same time, all the staff members are fully aware about their roles and responsibilities in the proper execution of curriculum and devoted to it. In the beginning of the academic year, an action plan is prepared. It consists of pre-semester activities, teaching plan for theory and practical's, preparation of course file of the subject and lab manuals by individual

faculty. The demand is asked from each faculty through head of department for reference books, new equipment, software, and other learning resources for adoption of regular and new designed curriculum. The lab in-charge are also directed to take care of maintenance and servicing of existing equipment and machinery.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Nil	Nil	01/11/2020	0	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Nil	01/11/2020
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Engineering	17/06/2019
BE	Mechanical Engineering	17/06/2019
BE	Civil Engineering	17/06/2019
BE	Electronics and Tele-Communications	17/06/2019
MBA	Marketing, Finance, HR, Operations and Supply Chain management, Business Analytics	02/09/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
FE Induction program	07/08/2019	190
Mahindra Pride and Nandi Foundation Employability enhancement and youth livelihood programme	24/06/2019	275
Barclay CSR Activity SoftSkill Life Skill Training	12/02/2020	70
Catia Learning Session During Lockdown	25/05/2020	182

Ansys Fluent Learn from Home(Lockdown)	25/05/2020	123
'connect with work	12/02/2020	56
Student Solar Ambassador" on installation of Solar Lamp promoting Sustainability ,Organized by Unnat Bharat Abhiyan IIT-B	02/10/2019	50
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Computer Engineering	44
BE	Information Technology	49
BE	Electronics and Tele-Communications	35
BE	Civil Engineering	75
BE	Mechanical Engineering	90
MBA	Finance, Marketing, Human Resources, Operations and Supply Chain Management	50
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The Institute has a well-defined Feedback system where feedback is taken by getting the feedback form filled from each stakeholder i.e Students, Teachers, Alumni, Parents etc. The Student Feedback is taken twice a semester named as Mid-sem feedback at the middle of the semester and Endsem Feedback at the end of the semester. The Student feedback is taken online through google forms and is analysed by the Heads for each course. The Student Feedback is shared with the respective course teacher by the Heads and action plan for further improving the same is prepared by the individual course teacher.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MBA	Common	60	59	59
BE	Mechanical	120	33	33
BE	E n TC	60	12	12
BE	Computer	120	113	113
BE	CIvil	60	23	23

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	181	59	77	8	85

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
84	84	84	19	1	84

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Mentoring is important because of the knowledge and skills students can learn from mentors, also because mentoring provides professional socialization and personal support to facilitate success. Quality mentoring greatly helps to enhance students chances for success. This mentorship will surely help students to open up with their various issues in front of the Mentor. And with regular interaction and various activities planned under mentorship, students will surely be able to match the real world scenarios. Objectives: 1. Helping students to identify short long term goals and enhance their personal growth. 2. To help build strong mentor-mentee relationships. 3. To improve student's English written oral communication. 4. To enhance mentee's technical knowledge. 5. To foster mentee's ethical moral development. Outcomes: 1. Mentors could understand each student's growth academically and personally. 2. Mentors could guide them for their short and long term goals. 3. Different activities were conducted for students to enhance overall growth. 4. Helped mentees to develop ethical moral values to become a good citizen with awareness of social responsibility. 5. Helped mentees to improve their technical communication skills. Process of Mentorship: · Institute level coordinator is nominated by the Principal. · Department level coordinators are identified by the HOD. · Department level coordinators are responsible for allocating the students and venue. · Student history record consisting of all personal details along with the semester results has to be periodically updated and the consolidated report of counseling at the department level has to be submitted to Institute Level Coordinator and the same to be brought into the notice of Principal. · Implementation: · At SNJB, we have made Mentorship as part of our routine. Every week we have allotted slots for mentorship in our time-table. During these slots, mentors practice various activities as per need/requirement of their mentees. Also mentors have freedom to modify/ add activities in mentorship. · Efficacy of Mentoring System: · Mentorship has brought many aspects of our students in front of Mentor. As per the need, mentor can work on that mentee for his/her overall development. Through this practice, many students have

improved in their lacking areas.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1207	68	1: 17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
84	85	1	5	11

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr .M.R.Sanghavi	Professor	BEST HOD OF THE YEAR(CSI, MUMBAI)
2019	Dr .M.R.Sanghavi	Professor	BEST TEACHER(LOKMAT PRERNA AWARD)
2019	PROF. B. A. KHIVSARA	Assistant Professor	ADARSH SHIKASH PURASKAR (MAHAVIR INTERNATIONAL, NASHIK)
2019	PROF. R. R. BHANDARI	Assistant Professor	BEST FACULTY OF THE YEAR(CSI Mumbai)
2019	Prof.D.R.Agarwal	Assistant Professor	Active SPOC (NPTEL)
2019	Mr. P.N. Achaliya	Assistant Professor	Aadarsh Shishakc Puraskar 2019 by Jain Social Group

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	517319110	II	18/03/2020	28/07/2020
BE	517319110	I	05/11/2019	20/01/2020

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

Process for Internal Semester Question Paper setting and evaluation. 1. Redefining Course Outcomes for every course. 2. Specify CO's on Question

Papers. 3. Setting of questions of internal tests based on reference to prescribed texts, model. 4. Mapping of each question to CO BT (Blooms Taxonomy / Blooms Level). 5. Defining the scheme of evaluation for each question. 6. Verification of Question Paper by Module Coordinator, Program Coordinator and HOD. 7. Conduction of Examination as per schedule. 8. Evaluation of answer sheets based on marking scheme. 9. If a student is absent in a test paper then he/she has to submit a test paper with all options in the form of assignment and marks to such students will be considered as 40 of the total marks. 10. If a student is getting marks less than 40 then he/she will submit a test paper without or options in the form of assignment and marks to such students will be considered as 50 of the total marks. 11. If student is getting marks in between 40 to 50 then he/she will submit test paper without or options in the form of assignment and marks to such students will be considered as 60 of the total marks 12. Rest of students other than 9. 10. 11, their marks will be as it is. 13. Marks scored by the student in every test are sent to their parents. 14. Average of all tests of marks(all subjects) are also considered in termwork to increase the seriousness and attendance of internal tests among students. 15. Process from step 1 to step 12 is repeated for the two tests. 16. Blooms Taxonomy is followed while setting the internal exam question papers.

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

With reference to the University calendar, Institute calendar is prepared. With reference to Institute Academic calendar, department calendar of events is derived which is specific to the department. Dates of Internal Assessment exams, Mid term submission, Endterm submission, display of attendance, university oral, practical exam as well as Online, INSEM and ENDSEM etc. are followed by each department as per given in Institute Academic calendar. Start of semester and term end dates are followed by department as per University Calendar. Event dates are planned at the start of semester and details are included in department calendar so that students are aware about all the schedule at the start of semester.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.snjb.org/engineering/pages/igac-cell>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
517319110	BE	Civil	71	100	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.snjb.org/engineering/pages/igac-cell>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	0	Nil	0	0
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Advanced Excel Training	Computer Engineering	22/12/2019
Advanced Excel Training	Computer Engineering	22/02/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Smart Onion Sorting Machine	1. Pagar Vicky Madhavrao 2. Bhamare Dhanashree Janardan 3. Patil Atul Dnyaneshwar	4th CSI Regional Level Project Competition	24/05/2020	Smart Onion Sorting Machine
Smart Maize Planter	1. Thakare Sagar Bapu 2. Khangal Krishna Prakash 3. Aher Amol Sakahari 4. Sahane Nikhil Dinkar 5. Niphade Priyanka Ramnath	Avishkar 2019 State Level Competition	31/01/2020	Smart Maize Planter
Smart Maize Planter	1. Thakare Sagar Bapu 2. Khangal Krishna Prakash 3. Aher Amol Sakahari 4. Sahane Nikhil Dinkar 5. Niphade Priyanka Ramnath	PCMC, Pune	29/02/2020	Smart Maize Planter
Smart Sugarcane Planter	1. Kotwal Anjali Manoj 2. Lagad Nilesh Sayaji 3. Bhavar Nandkishor Kailas 4. Khapare Nikhil Suresh 5. Gangurde Satish Balasaheb	Chattra Vishwakarma Awards ,AICTE	24/02/2020	Smart Sugarcane Planter

Auto India Racing Championship-4	Team Spartans	Auto India Racing Champion ship-4 ,Pune	06/02/2020	Auto India Racing Championship-4
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	01/11/2020
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
NA	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical Engineering	2	4.16
International	Information Technology	7	6.8
International	Computer Engineering	8	7.53
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Enginerring	12
Information Technology	3
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Validating the effect of different discretiza	Khyati R. Nirmal	Internat ional Journal of Innovative Technology and	2019	0	Research Scholar, K L Education Foundation	Nil

tion methods for redic K-prototype clustering algorithm		Exploring Engineering				
Map reduce based removing dependency on K and initial centroid selection MR-REDIC algorithm for clustering of mixed data	Khyati R. Nirmal	International Journal of Advanced Computer Science and Applications	2020	0	Research Scholar, K L Education Foundation	Nil
Energy-Efficient Routing-Based Clustering Approaches and Sleep Scheduling Algorithm for Network Lifetime Maximization in Sensor Network: A Survey	Mr.R.R.B handari	Springer	2020	0	Research Scholar, K L Education Foundation	Nil
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Validating the effect of different discretization methods for redic K-	Khyati R. Nirmal	International Journal of Innovative Technology and Exploring Engineering	2019	3	Nil	Research Scholar, K L Education Foundation

prototype clustering algorithm						
Map reduce based removing dependency on K and initial centroid selection MR-REDIC algorithm for clustering of mixed data	Khyati R. Nirmal	International Journal of Advanced Computer Science and Applications	2020	3	Nil	Research Scholar, K L Education Foundation
Energy-Efficient Routing-Based Clustering Approaches and Sleep Scheduling Algorithm for Network Lifetime Maximization in Sensor Network: A Survey	R.R.Bhandari	Springer	2020	3	Nil	Research Scholar, K L Education Foundation
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	5	92	17	78
Presented papers	3	Nil	Nil	16
Resource persons	Nil	1	Nil	56
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities

Ek Bharat Shresth Bharat	NSS Unit and Govt of India	50	500
GGSY Solar Workshop	IIT Bombay	10	56
International Yoga Day	NSS Unit and College	10	50
Tree Plantation	NSS Unit and College	10	100
Tobacco Free Pledge	NSS Unit and Sambhandh Health Foundation NSS Dept of Govt of Maharashtra	2	50
Jal Shakti Abhiyaan	NSS Unit and Ministry of Drinking Water, Govt of India	2	50
Awareness Campaign for Voter Registration	NSS Unit and Tehsil Office Chandwad	5	200
Swachh Bharat Abhiyaan	NSS Unit and Govt of India	50	500
Blood Donation Camp	NSS Unit with Metro Blood Bank Nashik	2	50
Post office Campaign	NSS Unit and Post Office Malegaon and Chandwad	2	500
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS, SPPU ,Pune	Appreciation Award to NSS Volunteers	Savitribai Phule Pune University , Pune	2
Gandhi Global Yatra Solar lamop workshop	Participation certificate	IIT-Mumbai	2
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Sustainability Development	SNJB COE IIT-Mumbai	Workshop on sustainable development	2	50
Unnat Bharat	IIT Mumbai	Gandhi global	1	56

Abhiyan		yatra Solar Lamp Workshop		
Road Safty Campaign	NSS Unit and RTO Pimpalgaon Baswant, ISTPL Toll Plaza and Chandwad Police Stataion	Road Safty Campaign	5	200
Swachh Bharat Abhiyaan	NSS Unit and Govt. of India	Swachh Bharat Abhiyaan	50	500
Awareness Campaign for Voter Registration	NSS Unit and Tehsil Office Chandwad	Awareness Campaign for Voter Registration	5	200
Jal Shakti Abhiyaan	NSS Unit and Ministry of Drinking Water, Govt. of India	Jal Shakti Abhiyaan	2	50
Tobacco Free Pledge	Sambhandh Health Foundation NSS Dept of Govt of Maharashtra	Tobacco Free Pledge	2	50
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Nil	Nil	Nil	0
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Internship	Kranti Constructions Nashik (0253 -2316018)	03/06/2019	16/06/2019	11
Internship	Internship	Vakratund Construction s Chandwad (9637377486)	04/06/2019	16/06/2019	13
Project Work	BE Project Work	Modi Innovation Pvt.Ltd Aurangabad 9371675893	01/07/2019	31/05/2020	3

Internship	Internship Technical Training	Ukvally Technologies Nashik MB-98904 37811	05/06/2019	22/06/2019	12
Industrial Inplant Training	15 days summer internship	Koso India Pvt Ltd, Nashik, 0253-240 8811	02/06/2019	17/06/2019	5
Internship	Mahindra pride Training	Mahindra Pride Nadi Foundation	24/06/2019	29/06/2019	30
Internship	Internship	Ezacus Technologies Pvt Ltd Nashik MB-90 21191362	03/06/2019	23/06/2019	8
Internship	Internship	AbracaDabra Software Solutions Pvt. Ltd. 982545211	03/06/2019	22/06/2019	3
Internship	a study of credit appraisal of agriculture loan	Bank of Maharashtra (Deola-25922 29696)(Kalwa n- 02592-221 143)	15/05/2019	05/07/2019	4
Internship	Internship Technical Training	HAL Ozar Nashik	01/06/2019	28/06/2019	1

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Shanzhen Anet Technologies co. Ltd,China and 3 idea Technologies LLP, Mumbai	17/01/2020	Center of Excellence for 3D Printers in College.	5
Konceptogen Pvt. Ltd	20/06/2019	SIP, Seminar, placement, expert talk	60
SWS, Financial Services, Nasik	05/03/2020	SIP, Seminar, placement, expert talk	60

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
5773300	2509418

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Class rooms	Existing
Campus Area	Existing

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Academia by Serosoft	Partially	2	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	25238	11476436	Nil	Nil	25238	11476436
Reference Books	8296	3918491	89	9375	8385	3927866

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Gunjan H Deshmukh	https://gunjandeshmukh1011.wordpress.com/	Wordpress	14/05/2019
Lekha I Surana	https://lekhasuranablog.wordpress.com/	Wordpress	14/05/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	698	22	0	1	1	1	6	50	0
Added	156	0	0	0	0	0	0	0	0
Total	854	22	0	1	1	1	6	50	0

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

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Video Studio with SLR Camera, Stand and Audio Recorder	http://www.snjb.org/engineering/pages/engineering-mba-library

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
775900	684002	2500000	1517155

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college ensures optimum allocation and utilization of the available financial budget for maintenance and upkeep of different facilities by holding regular meetings with Principal, HODs and faculties associated with above facilities. Laboratories- Every year budget is assigned to each laboratory for maintenance and calibration of equipment. Record of maintenance is maintained by concerned technical assistant and lab in-charge. Different registers like Laboratory utilization, issue-borrow and lab maintenance file is maintained by concerned technical assistant and lab in-charge. Library- At the start of every semester list of required books is taken from all the departments. The finalized list of required books is duly approved and signed by principal and management. The central library has partially automated software Academia ERP. Suggestion box is installed inside the reading room to take users feedback. The proper account of visitors (students and staff) on daily basis is maintained. Other issues such as weeding out of old titles, schedule of issue/ return of books etc. are resolved by the library faculties. Apart from the central library the college also has departmental library. The utilization and maintenance of departmental library is looked after by departmental library in-charge and library assistant. Computers- All the departments have computer labs as per their requirements. Record of utilization and maintenance of computers are maintained by the respective lab in-charge and lab assistant. Classrooms- At the department level HODs submit their requirements to the Principal

regarding requirement of furniture and maintenance of classrooms which is putted in front of management meeting. The college development fund is utilized for maintenance and minor repair of furniture and other electrical equipments. With the help of the peons cleanliness of class rooms is maintained

http://www.snjb.org/engineering/up-images/downloads/4upFile_05df9bbd3e29bf.4

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	SNJB First year Scholarship	72	323500
Financial Support from Other Sources			
a) National	Government Scholarships	1251	39481825
b) International	NIL	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Connect with work	12/02/2020	50	Rubicon
Employability Enhancement Youth Livelihood Program	24/06/2019	180	Mahindra Pride Naandi Foundation
SSDC	01/07/2019	432	Inhouse
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Importance of Gate Examinations	46	Nil	Nil	Nil
2019	Competitive Exam Cell	61	28	1	Nil
2019	Mahindra Pride & Naandi Foundation"	Nil	30	Nil	14
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual

harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Capital Via Indore, TCS, Axis Bank, Infosys, Lokesh Machines, Cognizant	671	202	TCS Pune, capgemini, Infosys, eternus	427	21
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	SNJBs KBJ COE, Chandwad	Computer	National College of Ireland	Data Analytics
2019	1	SNJB's KBJ COE, Chandwad	Mechanical	ICFAI Business School (IBS), Hyderabad	MBA
2019	1	SNJB's KBJ COE, Chandwad	Mechanical	Northeastern University, USA	MS
2019	2	SNJB's K.B.Jain COE, Chandwad	MBA	Savitribai Phule Pune University	PhD
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
----------	-------	------------------------

Udyam 1	State Level Competition organised by MESA	30
Sketching 1	State Level Competition organised by MESA	25
Waste to Best 1	State Level Competition organised by MESA	30
SAPTRANG Cultural event 1	SNJB Institute level	22
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Students Seminar on Women Empowerment	National	Nil	1	001	Jain Saloni Anil
2019	Won Gold Medal In Na-tional Level Kick Boxing Championship	National	1	Nil	51736321 0B17201711	Gavali Roshan Rajendra
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Activities: Student Council (SC) representatives actively participate in various activities. They help in coordinating all the events related to academics and other co-curricular Extra-curricular activities, as per the directives of teaching faculty. They do lot of academic/ administrative work by taking the help of other students. They also motivate other students to take part in the activities conducted by the Institute. They work as a medium between faculty and students. Activities under SC are Cultural Sports as well as academic related activities also conducted. Activities taken in 2019-250 are E-Saptrang (Cultural events taken online during Lockdown), Sports, and Meeting with toppers.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

YES Registration No:- MH/269/NA/27/11/2017 The aim of the association shall be to assist the college and the students in their growth and development so that each passing engineer comes out as a responsible citizen of his/her motherland, a prominent socialite, and above all, a good human being, which the institute, the association and the society is proud of. The association shall, in participating with the college, pursue these aims by the following ways Organizing social, cultural, sporting and technical events. Distinguishing the excellence of students in the fields of academics, sports, cultural and social activities. Helping the students in their personal development by supporting

them through guidance, finance and all other possible assistance.

5.4.2 – No. of enrolled Alumni:

3600

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

37500

5.4.4 – Meetings/activities organized by Alumni Association :

8 Alumni Meet conducted by All Departments through Zoom (3 Computer, 1 MBA, 1 Mechanical, 1 E TC, 1 IT and 1 Civil.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The management recognizes the need for decentralization for the growth of the institute and accords autonomy commensurate with the level of management. Deans and heads are appointed who are given autonomy for efficient governance. The roles and responsibilities of administrators for various assigned jobs listed below clearly depict the delegation of authority, providing operational autonomy leading to decentralized governance. Principal Implement and monitor the education system to cater to the institute's vision and mission. Dean Academics is Responsible for academic development of the institute and monitors progress of various teaching/learning processes. R D Coordinator Monitors Research and Development activities in the institute. NAAC / NBA Coordinator: The senior faculty responsible for NBA/NAAC activities and is responsible for Monitoring academics, day to day academic activities and assuring quality in teaching and learning process. Discipline Coordinator: Responsible for supervision and management of all administrative/operational functions. ICC Cell: To effectively address workplace sexual harassment complaints. Student Grievances Cell: Responsible for students grievances and redressal system. IQAC: IQAC has a well developed process to ensure quality benchmarks of academic and administrative activities. EDC: To conduct Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes. To organize visits to industries for forthcoming entrepreneurs. To conduct skill development training to make self employment. Sustainability Cell: Raise sustainability and environmental awareness and promote sound environmentally and ethically responsible behaviors in all staff and students. Head of the department: Responsible for the academic and administrative functions of the department. Other Section Heads : In addition Accounts Officer, Librarian, Workshop Superintendent take care office related, finance related, library resources and workshop related activities. Other support functions are handled by the Admission-in-charge, NBA Coordinator, NAAC Coordinator, College Examination Officer, Industry Institute Interaction Cell Coordinator, Academic Research Coordinator, NSS coordinator, Student Welfare Officer. At the department level: Each program has an Academic Coordinator. Preparation of academic calendar based on time frame set by the University, Planning of activities is done by the Academic calendar incharge. Each course has a module coordinator who, in consultation with the course incharge reviews course outcomes, prepares the teaching plan, conducts meetings with faculty to monitor and review completion and attainment of course outcomes and submits a report to HOD. Class teachers/mentors are designated for all classes/batches. Internal organizational structure and decision making processes: The trust Shree Neminath Jain Brahmacharyashra' Jain Gurukul established in 1928 is the Top Management body. SNJB LSKBJ COE Governing Council consists of 13 members as per the AICTE

guidelines and it guides the trust in planning institute policies. HODs instructs faculty who are In-Charges of various activities/events for their budget requirement of the term. After discussion the concerned faculty submit their budget in the approved format which is later compiled by HOD and submitted to the Principal for approval. After approval from Principal budget allocation is done.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	The admission of students to the First Year of B.E MBA programmes is done through rules and regulations laid down by Directorate of Technical Education (DTE), Mumbai, Maharashtra. The admission process is based on the marks in the qualifying examinations which are Maharashtra Health and Technical Common Entrance Test (MHT-CET) and Joint Entrance Examination (JEE) for First year of BE, and CET examination for MBA . State level ranking and allotment to various institutions, as per the option exercised by the candidates. Fee Structure The fee structure is as prescribed by Shikshan Shulk Samiti Government of Maharashtra. • Institute spread the relevant information regarding the admission process by News Paper Advertisements, Social Media like Facebook, What's-App, Radio Channels etc. • Institute is authorized to run FC Center • Institute also participate in various Educational Fairs (Exhibition)
Industry Interaction / Collaboration	• College has an Industry Institute Interaction Cell. • MoUs with different industries are tied up for student training. • Sponsored projects are carried out under Industry Institute Interaction Cell. • Expert talks are delivered by Industry peoples for students. • Every year Industry Institute Interaction Meet is organized. • Various department students actively participate in Internship Program in various Industries.
Human Resource Management	The admission of students to the First Year of B.E. programme is done through rules and regulations laid down by Directorate of Technical Education

(DTE), Mumbai, and Maharashtra. The admission process is based on the marks in the qualifying examinations which are Maharashtra Health and Technical Common Entrance Test (MHT-CET) and Joint Entrance Examination (JEE), state level ranking and allotment to various institutions, as per the option exercised by the candidates.

Understanding the knowledge and interest of the enrolled students, the institute has following strategies in order to bridge the gap: Institute carefully considers the content of the syllabus which the student studied till 12th standard. It has the mechanism to identify the gap in the syllabus to understand the engineering curriculum of first year. • The students are counselled regularly by the senior faculty team and address them on their studies and personal issues so that, they can perform well in academics • An effort is taken to motivate students by organizing various activities and courses for personality development programmes, workshops, technical festivals, conferences and symposia. •

A class teacher and a mentor are deputed for every class in order to identify the weak students and help him/her with counselling and intensive coaching. Students according to their interest are advised to attend internship/implant training programs in vacations. The Diploma students who join through lateral entry scheme lacks with fundamentals in Engineering Mathematics, which in turn affects their performance in analytical subjects. Hence remedial classes in engineering mathematics are organized to upgrade their mathematical skills.

Performance appraisal system of the faculty: Annual self-assessment for the performance based appraisal system is adopted as per the UGC notification 30thJune2010 approved by Govt. Of Maharashtra state GR dated 15th Feb 2011. Hence it is ensured that information on multiple activities is appropriately captured. The information includes- Part A: General information and academic background, seminar, conference / courses/STTP/SBP attended during the year. Part B: Academic performance information - Teaching, learning and evaluation related

activities, Co-curricular, extension, professional, development related activities. Research, publication and academic contributions Part C: Other relevant information Performance appraisal system of the non-teaching staff: Annual assessment for the performance based appraisal system is adopted as per guidelines by the Government of Maharashtra. Hence it is ensured that information on multiple activities is appropriately captured. The review of the performance appraisal reports as done by the management and the major decisions taken. The management reviews the performance appraisal for suitable suggestions and remedial actions like regularizing the staff after probation period, deciding the regular increments and deciding promotions. Workshops/ Training programmes conducted/organized by the Institute/ Departments for the staff and students

Library, ICT and Physical Infrastructure / Instrumentation

Library: Library has 25238 Text books and 8385 Reference books having total cost of Rs. 1,54,04,902. In addition library has 366 e-books, 55 Journals (costing of Rs. 1,32,395), 3 e-journals (costing of Rs. 1,54,752), 1 digital database, 3045 CD Video, KIBO 01 (costing of Rs. 21,888). Library is partially automated. ICT: Institute has 20 classrooms with LCD, Wi-Fi, LAN facilities. Institute has 4 seminar halls with ICT facility. Institute has 1 video centre. Physical Infrastructure: Institute has campus area of 7.5 Acres. Institute has 20 No. of classrooms. Institute has 49 laboratories. Institute has 1 Computer centre. Institute has 4 Seminar halls. Institute has a Principal office, 7 Cabins for HOD, 7 department offices, Administrative office, Examination control office, Training and Placement office, central store, Maintenance room, security room, housekeeping room, pantry for staff. Also the institute has adequate no. of gents and ladies toilets, Boys common room, girls common room, First aid cum sick room. Institute has provided separate 2 wheeler parking shed. Instrumentation: Institute laboratories are equipped with different instruments having total cost of Rs. 5,59,26,530

<p>Research and Development</p>	<p>Allocation of budget for in house Research Development. Incentive given for publications. Financial assistance given to student's innovative projects and models.</p>
<p>Curriculum Development</p>	<p>Institute follows the curriculum developed by respective Boards of Study of Savitribai Phule Pune University Pune. Faculties related to the subject are allowed to attend the syllabus development and orientation workshop.</p>
<p>Teaching and Learning</p>	<p>Classrooms with ICT facility. Facility of seminar hall in Institute LTE-JIO (4G) Based Wi-Fi Campus. Provision of e-learning resources in Central Library. Organization of remedial classes. Faculties and students are appearing for NPTEL courses. NPTEL videos are shown in classrooms. Well Organized course files and lab manuals for all courses. Student feed-back on teachers and necessary follow-up. Allow faculty to participate in various FDP before commencement of each academic year. Continuously strengthening and updating of the laboratory equipment, software and the library resources.</p>
<p>Examination and Evaluation</p>	<p>The regulations, curriculum and syllabus of all the programs offered by the Institute are available in the Central Library and respective departmental library also on the affiliated University websites. At the commencement of the term students are notified about the criteria for evaluation of SPPU, Credit system, Grades, Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA). Induction programmes are conducted for First Year students as well as parents and for second year students where they are made aware about university and institute evaluation procedure. Institute also declares criteria for distribution and evaluation of term work marks which includes attendance, timely submission, viva and performance. Academic calendar is drafted and notified to students in the beginning of semester containing academic and extracurricular activities including dates of internal exams. The students are informed of the same through Class Committee Meetings and distributing the circular in the class rooms and displaying the same on the Notice Boards. The complete evaluation</p>

procedure in the form of regulations of various programmes are printed in the academic calendar and distributed to all the students. The End Semester Exam (ESE) results once declared are also displayed on notice board to students. Any Change/amendments made in the regulations are conveyed to the students by the Class Coordinator in the Class. The evaluation processes are also explained to the parents during the First year Orientation. Announcement of test dates to students are in academic calendar as well as any change in dates are also informed through departmental notice boards and email. Information used to send to parents through SMS, Letter. Maintaining records and access to the same by students and faculty as and when required. The question paper pattern, unit wise question bank and model answer paper is informed to the students by the concerned faculty members. Information regarding verification and revaluation for University examination is displayed on the notice board from time to time.

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

E-governance area	Details
Planning and Development	Implemented SMS system for dissemination of information including regular notice to all stakeholders. Regular Notices Circular publish / communicate to all staff students through email whatsapp.
Administration	Online leave requisition system. Notice display system for students and other stakeholders. Regular exercises to submit various reports to AICTE, DTE, University State Govt. Through an online portal.
Finance and Accounts	Fully computerized office and accounts section. Maintenance of the college accounts through Tally. Monthly Salary through online Banking.
Student Admission and Support	Online admission including online payment gateway. Maintaining students database through SNJB ERP software.
Examination	University Mid Sem , End Sem Other online Examination

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Prof. R.R. Kankariya	3 days FDP on Mechatronics, Manufacturing, Automation and Interdisciplina ry Application at MET IOE,Nashik	NA	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Nil	Training of operating Fire Extin guisher.	24/12/2019	24/12/2019	Nil	30
2020	Nil	Online hands on session on Google Spr eadsheet	29/05/2020	29/05/2020	Nil	25
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on Leadershipfor faculty members organised by Computer Department of SNJBs KBJ COE Chandwad	13	11/06/2019	12/06/2019	2
FDP on Artificial Intelligence using Raspberry Pi	1	24/02/2020	25/02/2020	2

FDP on Problem Based Learning	15	21/06/2020	22/06/2020	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
65	85	55	88

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Staff members of the Institute can avail the loans from Karmaveer Keshavlalji Harakchandji Abad Employs Co-op credit Society Ltd. GIS (Group Insurance Scheme). Extended maternity leaves and permission to leave early (2Hrs) for ladies staff members whose children are below one year is given. Need based Training Programmes are arranged by the Institute for the faculty. Faculty members are permitted to attend Training Programmes conducted at different institutions. Advance payment and loan to staff. Tuition fees collected in (equal monthly instalments (EMI) for wards of the staff. Immediate medical aid to accident affected staff in SNJBs medical college. First aid unit in every department/ building. Provision for EPF is made for regular employees. Group Gratuity Scheme is available as per Government norms. faculties have availed it over the last 7 years. Financial assistance is provided to staff to pursue higher studies. Over the last 4 years, 14 of them have availed paid leave for the same.</p>	<p>Uniforms are given to Class IV employees every year. Apron, footwear and uniforms are provided to workshop staff every year. Advance payment and loan to staff. Tuition fees collected in (equal monthly instalments (EMI) for wards of the staff. Immediate medical aid to accident affected staff in SNJBs medical college. First aid unit in every department/ building. Provision for EPF is made for regular employees. Group Gratuity Scheme is available as per Government norms. faculties have availed it over the last 7 years.</p>	<p>Medical Facility for students in Campus. Medical officer visits the college on regular basis. PlayGround Facility. Concession in Fees for Needy Student. Green Gym. Canteen Facility in less Rate.</p>

6.4 – Financial Management and Resource Mobilization

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

Internal audit is done after every six months where the auditing team checks the income received from the students which is recorded in the software and reconciled with the fees that is to be received according to class wise. Cashbook is checked with the help of bank statement and vouchers maintained by the institution along with physical cash verification. Reports of Income and Expenditure statement is submitted to the Chartered Accountant who prepared the financial statement and other reports for the institution. External Audit is in process.(Delay due to COVID-19 Pandemic)

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
No file uploaded.		

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Department of Computer Engg.: Dr. M.U.Kharat	Yes	IQAC
Administrative	No	Null	Yes	IQAC

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

1. Parent teacher meet conducted. 2. Parent teacher association formation for problems solving. 3. WhatsApp group formation for discussion of problems.

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

1. Online hands on session on Google Spreadsheet on 29/5/2020. 2. Training of operating Fire Extinguisher conducted on 24/12/2019.

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

1. Training Programmes for Students as per Industry demands 2. Industry Institution interaction through III Cell 3. Summer industrial training for students of final year to have them aware of industry standards. 4. Extra support for preparing for GATE examinations Promotion and encouragement of Project Competitions among students. 5. AutoCarzy Club Formation for Mechanical Students to design innovative real time projects

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Assessment of Lab Practices through Mission Practical Team to enhance quality in Practical Conduction	16/10/2019	16/10/2019	16/10/2019	7
2020	Adoption of Examination Reforms of AICTE to consider Blooms Taxonomy in Internal Test Papers	24/03/2020	25/03/2020	01/11/2020	65

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Astitva Women Cricket Team	30/01/2019	31/01/2019	32	192
Astitva Women Cricket Team	07/02/2020	08/02/2020	32	216
Celebration of International women Day	08/03/2019	08/03/2019	129	31
Celebration of International women Day	09/03/2020	09/03/2020	129	31

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

75 percent of power requirement of the institute is met by renewable energy source Power requirement met by renewable energy sources: 4,93,248 units/year
Total power requirement : 6,57,664 units/year Renewable energy source: Solar
Renewable energy generated and used:4,93,248 units/year Energy supplied to the

grid: Nil

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	10
Provision for lift	Yes	10
Ramp/Rails	Yes	10
Any other similar facility	Yes	10

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	Nil	1	20/08/2019	5	Enhanc	Importance of Management and enhancing Management skills	35

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
SNJBs COE Code of Conduct Handbook	08/08/2019	The sections included in SNJBs COE code of conduct Handbook are: Ethical principles - includes workplace behaviour and respect for all people values - includes an honest, unbiased and unprejudiced work environment accountability - includes taking responsibility for your own actions, ensuring appropriate use of information, exercising diligence and duty of care obligations and avoiding conflicts of interest standard of conduct - includes complying with the job description, commitment to the organisation and proper computer, internet and email usage standard

of practice - includes current policies and procedures and business operational manual disciplinary actions - includes complaints handling and specific penalties for any violation of the code.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
15 Aug	15/08/2020	15/08/2020	200
26 Jan	26/01/2020	26/01/2020	500
Constitution Day	26/11/2019	26/11/2019	50
Yoga Day	21/06/2020	21/06/2020	50

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

The following necessary steps are taken to keep the college campus environment friendly

- Energy conservation • The glass windows of the class rooms facilitate the maximal utilization of natural light.
- The traditional lighting systems are replaced with CFL lighting system
- Switching off the electrical equipment when not in use
- Minimizing use of elevator, and encouraging staff and students to use staircases whenever possible
- Solar energy used in the student's hostel, kitchen and other areas.
- Use of renewable energy like solar energy used in the hostel, other areas.
- Water harvesting: The College has adequate facilities to collect the rain water for the purpose of gardening.
- The college has made adequate arrangements for the parking of vehicles .
- Cigarettes and tobacco products are strictly banned within 100 meters of the campus
- Plantation The college organizes periodical NSS camp to inculcate the values of plantation among the students and the faculties.
- E waste management • Use of mobile phones in the campus is prohibited.
- Use of plastic bags is discouraged in the campus.
- Faculties have blog to provide e content to the students.
- Minimum use of printers and paper.
- Well established ERP system.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best practices-1 : AutoCrazy Club Formation

Title of the Practice: Formation of Autocrazy Club for the Students of mechanical engineering department to participate in the intercollegiate design completions like Baja SAE. **Goal:** The Autocrazy Club is formed in the department by the students of Mechanical Engineering with the aim to participate in the intercollegiate design completions like Baja SAE, Efficycle. **The Context:** The intercollegiate design competitions Baja, Efficycle organized by Society of Automotive Engineers every year to provide the platforms to the students from various universities to design and build a small off-road car that can withstand the harshest elements of rough terrain. The students of the Autocrazy club forms a team every year as per the specifications and guide lines provided by SAE and are continuously monitored by Staff Co-ordinator appointed by the department. **Practice:** The Formation of the Team for participating in the competition is formed by the interview process as per the interest and application received by the students to the club. The Autocrazy Club students then thoroughly go through the guidelines specified by SAE for the upcoming competitions and various teams are formed by the Team Caption and Staff Co-ordinator. The Team participates in the

competition every year and has won many prizes for the college. Evidence of Success: The team formed by the Club participates every year and qualifies in the virtual Baja competitions. The team Crew won many prizes each year including, Best rookie Awards, Spirit of ESI Awards, Endurance awards and cash prize money every year. The Club also participated in Effi cycle 2018 competition last year and secured 18th Rank all over india, 3rd rank in maharashtra and Best New comer Award and cash prize. Problem Encountered and Resources required: The Autocrazy Club students thoroughly go through the guidelines specified by SAE for the upcoming competitions and various teams are formed by the Team Caption and Staff Co-ordinator. Every team is given and task as a challenge and the problems encountered are solved by brainstorming it with the faculty and the club students. Thus, every team comes with the feasible solutions and the best possible solution is incorporated by the students. The entire Design and Analysis of the Vehicle Design is done by the students in the College lab. The manufacturing of the vehicle is done by the students with the help of Workshop staff in the College Workshop itself. A Budget of Rs. 5,00,000/- is sanctioned and approved by the management every year for the Autocrazy Club. The club is thoroughly supported by the Faculties, Head of the Department, Principal and Management in every aspect. Best practices-2 : Participation and award winning in Competitions and filing patents Title of the Practice: Participation, filling patents and Winning State and National Level Prizes for Final Year Projects in Various Project Competitions. Goal: The Insitute aims to select and undergo final year projects which have potential to participate in the competitions like Hackathon, Avishkar and other competitions and to be patented by the students. The Context: Various National Level and State Level Competitions like Hackathon , Avishkar , are organized by the AICTE and other bodies to boost the innovative ideas and project and to convert it into product. Practice: The Final Year Project selected by the departments is scrutinized critically by the project review committee formed by the Project co-ordinator. The Potential project which has ability to solve societal problems and ability to increase productivity by using technology are given preference. The potential project ideas are patented every year and are motivated to participate and win the prizes in project competitions like Hackathon, Avishkar and other national and state level competitions. Evidence of Success: The institute have filled 15 patents in the last three year. The Smart Onion Planter Project have won 1st prize at Chatra Vishwakarma Award and Hackathon 2019 organized by the AICTE, also 1st prize at Avishkar Project Competition 2019. Smart onion Sorting project has also been the runner up in Avishkar Project Competition and was a participant in Smart India Hackathon 2019. Many other project groups have won cash prizes in many project competitions organized in Nashik, Pune and Nagar regions. Problem Encountered and Resources required: Efforts are taken by the Project Co-ordinator, and all the project guides in the selection process and brainstorming is done in selecting the project. The project selected is continuously monitored and the work completed is reviewed by the internal review committee periodically.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

[http://www.snjb.org/engineering/up-images/downloads/Best_practices_SNJB_2019-20\(2\)upFile_05f63068182050.pdf](http://www.snjb.org/engineering/up-images/downloads/Best_practices_SNJB_2019-20(2)upFile_05f63068182050.pdf)

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Institute Distinctiveness: At SNJB, we believe in the all-round development of the students. Every individual has his/her own traits and need to develop it. Thus the student needs different platform as per their traits and individual

interest. The vision of institute focuses on aspects majorly on creativity and professionalism, societal growth and quality technical education. Creativity and Professionalism We provide diverse platforms for the growth of student's creativity and professionalism. The annual magazine is such platform for students to share their thoughts, values, ideas on current issues and it aims for those who love to read and write. It also gives the opportunity to show case the achievements of students, staff and the college, to the society. Since last 8 years, we are publishing student's magazine on different themes and won the first/second ranks consistently at Pune University level. Issues Themes: 2012: Green Technology 2013: Yuva Antarnad 2014: Vishmit Bharat 2015: 2016: Baliraja 2017: SMART 2018: Sainya 2019: Bharat Ak Vishvashakti. Awards own at University level: • Impetus 2017 "SMART": Third rank at SPPU university level • Impetus 2015 "Vision 2020": Fourth rank at SPPU university level • Impetus 2014 " Vishmit Bharat ": First rank at SPPU university level • Impetus 2013 " Yuva Antarnad ": Fourth rank at SPPU university level Societal Growth: The magazine adds to build thought process among the students about current and important social issues and thus helps to create good citizens of the World. Quality Technical Education: In last semester of the degree programme, the students are guided to work on innovative project ideas. In keeping with the institution's vision of imparting quality education with ethics in a holistic way for one and all, Institute has always given priority to the all-round development of students to empower them. Accordingly, the institution focuses on outreach programmes and inculcates in its students an understanding of the importance of holistic education and empathy for the less honored sections of society. Formation of Autocrazy Club for the Students of mechanical engineering department to participate in the intercollegiate design completions like Baja SAE. To Improve communication skill , interpersonal skills for personal and professional life of students and SOFT SKILL DEVELOPMENT CELL (SSDC) has been established. This is one step towards increasing vocabulary of students.

Provide the weblink of the institution

<http://www.snjb.org/engineering/pages/igac-cell>

8.Future Plans of Actions for Next Academic Year

1)To have UGC Recognition of Institute Under Section 12B() 2) To open Data science an Artificial Intelligence Stream at UG Level. 3) Arrange Awareness Session for GeoTag Photograph , 4) Trainings for Non-Technical Staff 5) Provide a platform of Entry Level Assessment of learning levels of students 6) Designing a Student Satisfaction Survey Form Design through Website 7) Online Activities Monitoring to improve Teaching Learning Methodology using modern tools 8) Arrangement of session for Evaluation of PO's,PSOs, and Cos , 9) Academic and Administrative Audit Report Updation 20) Assessment Monitoring through Practical Mission Team and Academic Coordinator 21) Monitoring the Dissemination of Quality Parameters to stakeholders 22) Workshops and Seminars under IQAC Cell 23) IQAC Mid Term Review Meeting for Quality Improvement 24) Applying for NBA Accreditation for qualifying Departments