



Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S, SCIENCE COLLEGE, NAGPUR
Name of the head of the Institution	Dr. MAHENDRA P. DHORE
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07122423432
Mobile no.	9423103043
Registered Email	shivajinagpur2019@gmail.com
Alternate Email	dhoremp@gmail.com
Address	HYMPYARD ROAD, CONGRESSNAGAR, NAGPUR
City/Town	NAGPUR
State/UT	Maharashtra
Pincode	440012
2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr MAHESH J. HEDAU
Phone no/Alternate Phone no.	07122423432
Mobile no.	9326932159
Registered Email	maheshhedau1@gmail.com
Alternate Email	shivajinagpur2019@gmail.com
3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://sscnagpur.ac.in/uploaded_files/AQAR_REPORT_18-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	http://sscnagpur.ac.in/uploaded_files/calender-2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
3	A+	3.51	2017	08-Jun-2017	08-Jun-2024

6. Date of Establishment of IQAC 15-Jul-2004

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
Quiz on Social Awareness campaign Covid	03-May-2020 2	30
One day workshop on microcontroller	08-May-2020 1	30
Student Induction Program	15-Jul-2019 6	400
Microbiome Food Festival	27-Nov-2019 1	105
Seminar on Climate change	28-Feb-2020 1	150
Webinar on NEW EDUCATION POLICY, POST COVID	20-May-2020 1	500
Physical and Medical test	16-Dec-2019 6	400
Seminar on Legal Awareness, Cyber-Crime and Gender Equality	06-Mar-2020 1	150

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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
Institute	Salary	State Govt	2020 365	89745349
Institute	NSS	University	2020 07	39100
Institute	NSS	University	2020 00	4200
Institute	INSPIRE	DST	2020 07	1100000
Institute	PARAMARSH	UGC	2020 730	1500000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

4

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

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11. Whether IQAC received funding from any of

No

the funding agency to support its activities during the year?

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

• Student Induction Program was organized • National Conference on Science Technology for Rural Development • Academic calendar is prepared • Academic Audit is conducted • Webinar on NEW EDUCATION POLICY POST COVID

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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
To encourage all departments to conduct conferences/ Seminar/Workshop/Guest lecture of eminent personality	Quiz on Social Awareness campaign on Covid .Student Induction Program • National Conference on Science Technology for Rural Development

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
COLLEGE DEVELOPMENT COMMITTEE	02-Mar-2021

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

17-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)

Shri Shivaji Education Society Amravati's Science College, Nagpur's Management Information System (MIS) is integrated with different modules such as: 1. Administrative Office Management Module: Online RTMNU examination forms are accepted, students can submit it from any corner of the country. Examination fees are accepted through online fees payment portal. List of employees Teaching and Non teaching as well as the list of students can be fetched from database in a single click. Records of financial transactions are maintained through this system. 2. Admission Management Module: This module link is integrated with college website for students:
<https://enrolonline.mastersofterp.in/CollegeHome/Index/SSCN>.
 Herein one can create admission notifications in the ERP and publish it online. Data of the received applications is reflected in the ERP which forms a database for merit list generation. Registration IDs can be created in bulk and fees is collected either online with integrated online fee collection portals or offline. After admission confirmation, document verification is done. Student's documents are maintained in the institute database. 3. Fees Management System Module: Using this one can define types of fees tuition fee, examination fee, hostel fee, etc. in the system. Fees is collected in any suitable mode such as online, offline or via counter collection. Integrated online payment gateways and wallets enable automated fee collection which completely takes place online. It includes fee refund, fee write off, fine collection, fee clearance, etc. Even

scholarships and concessions are managed online. 4. Learning Management System (LMS) Module: Shivaji Science Nagpur LMS (Lecture Management System) is software that makes use of modern technologies to increase student engagement. The faculty can effectively engage the digital age students using the module. The faculty can create assignments, make announcements, share eLibrary links, maintain forums, create syllabus, lecture notes, teaching plans, and can reply to FAQs, etc. using the module. 5. Student Administration Management Module: A student information report such as student lists is maintained with mobile numbers, bulk messages, emails can be sent to communicate with the students. 6. Feedback Module: Faculty feedback can be taken from students using this module and the feedback can be analyzed.

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

The college believes in adopting a holistic approach towards the effective delivery of the curriculum in a systematic manner. College is required to follow the curriculum prescribed by RTM Nagpur University. College designs its own academic calendar in accordance with the calendar of University for effective implementation of the curriculum. College holds a meeting of college council in the beginning of the academic session to discuss the action plan. The inputs given by faculty members are recorded. The principal conducts meeting with council of heads and approves the academic activities to be conducted during the session. All head of the departments conduct their departmental meetings and distribute the curriculum / workload among the staff members as per their specialization and interest. They also discuss various activities to be conducted during the academic session. Time table committee prepares the time table for the college. The Heads of the department distribute the workload among the staff members as per the workload prescribed by the University to permanent, ad-hoc and contributory staff members. The syllabus is discussed, in brief, in class rooms at the beginning of each semester. Monthly plan of syllabus is displayed on the notice boards of the respective departments. Each faculty member maintains academic diary and attendance of students. Period wise topic taught and the experiments executed are recorded daily in the academic diary. Diary is checked and signed by head of the department and head of the institution at regular intervals. The departmental meetings are conducted regularly to review and discuss the proceedings of the department. Faculty members use teaching aids and resources available in the college for making the teaching-learning process more effective and accessible to students. Study material is also provided to students. to reinforce theory and practical knowledge, home assignments and projects are allotted to students. Continuous evaluation of students is carried out through unit tests, surprise tests, seminars, home examinations etc. The college has a mentoring system in place to support its students and resolve their academic issues. Certificate courses, Diploma courses and skill based courses are introduced at college level for students. The college encourages its teachers to participate in workshops, seminars, conferences, orientation and refresher courses.

1.1.2 - Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
mushroom Cultivation	Nil	13/01/2020	180	without any major investment related to mushroom cultivation.	YES
Nil	Mushroom Cultivation	01/05/2019	180	without any major investment related to mushroom cultivation.	YES
WINE TECHNOLOGY	WINE TECHNOLOGY	03/06/2020	180	Nil	YES

1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes	Programme Specialization	Date of implementation of CBCS/Elective
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adopting CBCS		Course System
MSc	PHYSICS, CHEMISTRY, MATHEMATICS, COMPUTER SCIENCE, MICROBIOLOGY	01/07/2019

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

	Certificate	Diploma Course
Number of Students	73	54

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
MATHEMATICAL MODELLING USING UGC MAPLE CERTIFICATE	10/04/2019	32
MATHEMATICAL MODELLING USING MAPLE UGC DIPLOMA	04/03/2019	42
IMMONO DIGNOSTICS BIOTECH	11/06/2019	12
BIO FERTILIZER AND BIO PESTICIDESGROUND WATER EXPLORATION CERT	21/01/2019	32
BIO FERTILIZER AND BIO PESTICIDES	09/08/2019	11
FORESTRY ANS WILD LIFE CONSERVATION	10/07/2019	14

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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
MCA	Computer Application	5

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1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	No

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

Feedback Obtained
<p>•To give better facilities to students by way of enhancing academic standard, the college has been practicing feedback system through questionnaire, meetings, discussions etc. from students, alumni and companies visiting campus on recruitment drives. Students' feedback on teachers' performance and on facilities provided to them is collected from a representative group of sample of the students. Feedback on over all institutional performance from final year students is evaluated. Feedback from companies visiting campus on recruitment drives is also recorded. Suggestions from alumni are noted during annual alumni meet. The report is then submitted the Principal Sir along with IQAC coordinator of the college for further action.</p>

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
BCA	COMPUTER APPLICATION	120	519	120
BSc	SCIENCE	520	2673	520
MSc	COMPUTER SCIENCE	40	40	40
MSc	PHYSICS	22	22	22
MSc	CHEMISTRY	22	22	22
MSc	MATHEMATICS	22	22	22
MSc	MICRO BIOLOGY	22	22	22

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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	1506	272	39	5	13

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
44	44	6	27	3	3

[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)

The formal Mentor Mentee system is a longstanding tradition of the college. Every teachers is an academic mentor for few students whom she/he consistently monitors for Academic and Personal issues over the period of study. The mentor looks into matters regarding the mentee academic performance, completion of academic requirements, health follow ups and grievances, if any. The mentor also interacts with the parents on issues related to academics. The college has followed the recommendation made by NAAC and introduced the structured mentoring system since first cycle. The aim of the system is to enhance the students' performance. The full time teachers and also Adhoc teachers of the college are engaged as a mentor for each batch. The faculty members in each department identify three levels of learners i, e weak, average and advance learners and try for their better performance. At the beginning of the session, the batch wise name of the mentor is displayed. The mentor conducts orientation for mentees whereby they are acquainted with the college, its vision and mission and also facilities available. The mentor maintains the detail information including educational background and socioeconomic status. They also maintain the record of their class attendance, class performance and academic progress. The mentor uses formal and informal means of mentoring. The mentors provide primary psychological counselling for their personal difficulties and remedies are also suggested. Time to time counselling is done to solve their personal difficulties. Students are constantly encouraged to participate in various curricular and extracurricular activities. Curriculum based programs were organized to develop scientific temperament among students. Mentees are also encouraged to read reference books, text books as well as other knowledgeable books to gain more information about curriculum and extra curriculum. They are also encouraged to prepare for competitive examination. Major Issues Addressed: • The program addresses various academic, careers, personal issues to facilitate overall performance of students and evaluation of students based on various factors. • Guide students for better performance and provide books, notes, etc. and help students to perform better. • Group activities such as seminars, tests etc. are conducted to improve overall development and encourage team work. • Parent teacher meetings to work towards common goal of student development. • Constant feedback from students and parents to improve the working of Teacher mentor Program. Overview of the Activities Throughout the year, the teachers conduct various activities such as visits to organizations, birthday celebrations, parent teacher meetings. Special tests were conducted as group activity to inculcate team spirit and to remove unhealthy competition among the students. This activity was appreciated by students and their parents. Students also discuss their family problems with their mentors. Mentors visit the students place to know about their family background. In all efforts are taken for development of students to boost inclusiveness, gender sensitivity and social responsibilities of students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1778	69	1:26

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
56	34	22	6	32

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. J. Hedau International	Associate Professor	Best Professor award 2019 by ASDF, UK.
2019	Dr M. P. Dhore	Principal	ENHANCING INTEROPERABILITY IN HYBRID CLOUD ENVIRONMENT USING CLUSTERING TECHNIQUE-Copyright Office Government of India

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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
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BSc	Science	VI	08/10/2020	21/10/2020
BCA	Computer Application	VI	23/10/2020	26/10/2020
MSc	Physics, Chemistry, Computer Science, Microbiology, Mathematics	III	20/11/2020	07/01/2019
BSc	Science	V	26/12/2019	27/01/2020
MCA	Computer Application	V	21/11/2019	27/12/2019
BCA	Computer Application	V	11/11/2019	07/01/2020

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

The College takes the following initiatives for continuous internal evaluation: • The information about the tentative dates of time table of examinations such as unit tests, surprise tests, terminal/test examination, and internal assessment is given through academic calendar in the prospectus and through notices. • The Principal discusses the norms of evaluation in the meeting of college council. • A detailed time table for terminal/test examination and submission of assignment is put up on the notice board well in advance to help the students to plan and prepare effectively. • The report of evaluation is made available to all stakeholders during the address by the principal and at the time of parent teacher meet. • The valued answer books of test examination are given to the students by respective teachers. The model answers are discussed with the students. The results of these examinations are also communicated to parents. • The concerned department maintains the record of internal assignments. • At the beginning of each semester, every teacher informs students about the scheme of marking for internal assessment.

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

The college prepares academic calendar and event calendar in the beginning of the session taking into account the academic calendar of university for effective implementation of curriculum. The college organizes a meeting of HODs and college council to discuss the action plan. The suggestions given by faculty members are discussed and implemented accordingly. Syllabi of all the skill based courses are designed by the respective coordinators and submitted to university. IQAC plays an important role in design, development and deployment of action plan. It coordinates and monitors the academic activities throughout the year. The heads of all the departments conduct their departmental meeting for distribution of curriculum/syllabi / workload among the staff members and to discuss the activities to be conducted during the session. • The principal conducts meeting with council of heads and approves the academic activities to be conducted during the session. • Time table committee frames the time table and allots the number of periods as per workload prescribed by the university • Each faculty maintains Academic diary and attendance of students. Monthly plan of syllabi is displayed on the departmental notice Board • Continuous evaluation is carried out through Unit Tests, Surprise Tests, Home Assignments, Home examination etc. • College faculty members actively participate in the syllabus restructuring workshop, seminars and conferences • Feedback mechanism helps for effective implementation of curriculum.

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.sscnagpur.ac.in/uploaded_files/Program_Outcome_2019-20.pdf

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
SEM IV	MSc	COMPUTER SCIENCE	37	37	100
SEM III	MSc	COMPUTER SCIENCE	37	36	97.26
SEM IV	MSc	MICROBIOLOGY	21	21	100
SEM III	MSc	MICROBIOLOGY	21	21	100
SEM VI	MCA	COMPUTER APPLICATION	5	5	100
SEM V	MCA	COMPUTER APPLICATION	5	5	100
SEM VI	BCA	COMPUTER APPLICATION	98	90	91.83
SEM V	BCA	COMPUTER APPLICATION	97	88	85.86
SEM VI	BSc	SCIENCE	425	422	99.27

SEM V	BSc	SCIENCE	403	326	80.89
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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.sscnagpur.ac.in/uploaded_files/SSS_2019-20.pdf

CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	07	DST	11	11

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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
Seminar Cum Internship Drive By "APS Microtech, Nagpur"	Computer Science	21/12/2019
Seminar Cum Awareness Program By "Chanakya IAS Academy, Nagpur"	Computer Science	11/01/2020
Seminar Cum Internship Drive By "Gyandarpan, Nagpur"	Computer Science	04/01/2020
Seminar Cum Awareness Program By "IIT JAM Institute, Nagpur"	Computer Science	27/09/2019
Seminar Cum Awareness Program By "Unisoft Technologies, Nagpur"	Computer Science	21/09/2019

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
BEST PROFESSOR AWRD -2019	Dr Mahesh Hedau	Association of Scientific, Developer and Faculty, UK	30/12/2019	PROFESSOR
ENHANCING INTEROPERABILITY IN HYBRID CLOUD ENVIRONMENT USING CLUSTERING TECHNIQUE	DR. MAHENDRA P. DHORE	Copyright Office Government of India	29/11/2019	Copyright

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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
No Data Entered/Not Applicable !!!					

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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	1000	27000

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

Name of the Department	Number of PhD's Awarded
PHYSICS	1
CHEMISTRY	3
COMPUTER SCIENCE	2
MICROBIOLOGY	1

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	PHYSICS	6	1
National	PHYSICS	1	0
International	ZOOLOGY	8	1
National	ZOOLOGY	3	0

International	ELECTRONICS	8	1
International	COMPUTER SCIENCE	13	2
National	COMPUTER SCIENCE	7	0
International	MICROBIOLOGY	4	0
International	CHEMISTRY	9	1
International	MATHEMATICS	1	Nil

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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
ZOOLOGY	2
CHEMISTRY	1

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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
40 TITLES	17 AUTHORS	INTERNATIONAL/ NATIONAL JOURNALS	2019	Nil	Nil	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
Synthesis and photoluminescence study of Bis(2-methyl-8-Hydroxyquinoline) Cadmium (II) . S	S W Anwane	material sci	2020	1	Nil	Nil
Green synthesis and photoluminescent study of Bis(8-Hydroxyquinoline)Lead(II) .	S W Anwane	Jordan Journal of Physics	2020	1	1	Nil
Synthesis and Photoluminescence study of Strontium salts with 2-Methyl-8-Hydroxyquinoline and 8-Hydroxyquinoline	S W Anwane	Jordan jous ils	2020	1	Nil	Nil
Foucault's Pendulum Exploration Using MAPLE18	S W Anwane	Material Today, ProceedingResonace	2019	1	1	Nil

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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	Nil	40	Nil	Nil
Presented papers	23	30	Nil	Nil

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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
Blood donation camp	NCC/NSS	4	35
Ceremonial Parade on Republic day	NCC	3	50
WOMEN EMPOWERMENT - 2019	NSS	5	250
ANUGAMI LOKRAJYA MAHAABHIYAN	Anulum NGO and NSS	5	100

Tree plantation	Parent society and NSS	35	100
NSS Day on 24th Sept 201	NSS	10	100
SWchcha bharat abhoyan on 2nd oct	NSS	35	100
Help to flood-affected people in Kolhapur and Sangli district	NSS	2	100

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3.4.2 - Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Debate	Second Prize	Shivostav, Shivaji Education Society, Amravati	1
intercollegiate debate	First	Renuka College, Nagpur	2
Elocution	Third	DNC, Nagpur	1
Singing	Consolation	Dharampeth College, Nagpur	1
Poster competition	First	Porwal college, Kamptee	1
Rangoli	first	Porwal college, Kamptee	1

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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
SWchcha bharat abhoyan on 2nd oct	NSS	Cleanliness drive	6	100
International YOGA day	Physical Education department/NSS/NCC	Demostration	2	50
I_GOT (Imergenr Government online Training) Course on DIKSHA Platform	Dept. of Personnet Training division	COVID19 Train9ng foe NCC cadre	1	42
Exercise NCC yogdan in COVID-19	NCC	Cadre	1	40

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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
Research	5	Self	1825
Collaboration	5	UGC PARAMARSH SCHEME	730

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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
Project	Project work	APS Microtech Pvt. Ltd. Contact No. 7558627586	02/01/2020	30/06/2020	2
Project	Project work	PEENAK Contact No.9860254768	06/01/2020	06/07/2020	1
Project	Project work	INTECHZIA Contact No. 9579047478	10/01/2020	10/06/2020	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	Purpose/Activities	Number of students/teachers participated
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	signed		under MoUs
Shrikrishna Hrudayalaya and critical care centre	31/12/2019	MEDICAL FACILITY	100

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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
35	30.5

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	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 patially)	Version	Year of automation
LIBMAN	Fully	WEB 02	2011

4.2.2 - Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	39720	7243506	553	265306	40273	7508812
Reference Books	2614	2125610	267	215000	2881	2340610
e-Books	62	85850	6	4250	68	90100
Journals	27	63303	27	65230	54	128533
Digital Database	Nill	Nill	Nill	Nill	Nill	Nill
CD & Video	520	39960	3	1230	523	41190
Library Automation	1	Nill	Nill	Nill	1	Nill
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill

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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
Dr S W Anwane	(ii) AC CIRCUITS (1hr 24 min) (iii) QUANTUM MECHANICS (4hrs 10 min) (iv) GRAVITATION (2hrs 26 min) (v) SPECIAL RELATIVITY (2hrs 35 min) (vi) STATISTICAL MECHANICS (5hrs 27 min) (vii) SEMICONDUCTORS (4hrs 12 min) (viii) CRYSTAL STRUCTURE (50 min) (ix)	YOUTUBE	01/06/2019

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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	312	150	462	20	40	15	87	20	0
Added	51	50	0	0	0	0	1	0	0
Total	363	200	462	20	40	15	88	20	0

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

30 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
DR S W ANWANE	https://youtu.be/6Hb_gZby2A
DR S W ANWANE	https://youtu.be/ekYKML3UPDA
DR S W ANWANE	https://youtu.be/GEaLJ2KI7SA
DR S W ANWANE	https://youtu.be/_8646e-Jbzo

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
20	18.6	50	46.84

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)

For effective teaching and learning, the policy for creation and enhancement of infrastructure is framed in accordance with the growing need of the college. The proposals from all the departments are invited for creation, innovation and enhancement of infrastructure. Further the same is discussed in the meeting of council of heads and college council. Its conclusions are placed before CDC for approval and then college building committee finalizes the proposal on priority basis. The management liberally provides funds for the execution of infrastructural enhancement. A provision is made in financial budget for the maintenance and minor repairs of furniture and equipment. The management approves and allocates the funds. Day to day cleaning is carried out by outsourcing. The Electronic equipment/instruments are maintained and repaired through the college funds. The college has an AMC for maintenance of computers, networking facilities, ACs, water purifier, generator and lift. The maintenance and improvement of the campus is undertaken with the help of the local administration and Municipal Corporation

http://sscnagpur.ac.in/uploaded_files/Procedure-and-Policies-18-19.pdf

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	Student Welfare scheme	9	97098
Financial Support from Other Sources			
a) National	GOI, EBC, FREESHIP	825	5166670
b) International	0	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
PERSONAL COUNSELLING ON COVID-19	13/11/2019	46	COLLEGE
YOGA MEDITATION	21/06/2019	150	COLLEGE
BRIDGE COURSE	22/07/2019	520	COLLEGE
STUDENT INDUCTION PROGRAM	15/07/2019	520	COLLEGE

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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	Number of benefited students	Number of benefited students by	Number of students who have	Number of
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	the scheme	for competitive examination	career counseling activities	passed in the comp. exam	students placed
2020	IIT JAM	10	10	5	50

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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
00	Nil	Nil	WIPRO, TCS, INFOSYS, LT, DELLOIT	75	50

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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
2020	250	B.Sc and BCA	SCIENCE	PG DEPARTMENT	M.Sc, MCA, MBA

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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
Any Other	9

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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
Seminar	State	50
Webinar	National	450

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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	COLOR	National	12	Nil	6	1. SAKSHI BIDKAR 2. ROHAN MANKAR 3. ARUNA VIJAYKUMAR 4. RASIKA TARALEKAR 5. NIDHI SINGH 6. PRIYA MAITY

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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)

The purpose of student council is to give students' an opportunity to develop leadership by organizing various activities and service projects in the college. As per direction No. 39 of 2017, RTMNU this year also student council was constituted in the college. Advisory Committee (As per direction No. 39 of 2017, RTMNU.) Principal Dr. M P Dhore Chairman 2) Dr. Mrs. P. S. Tiwari Convener 3) Dr. S. R. Pande Member 4) Dr. S. M. Ghatole Member 5) Dr. R.Y. Deshmukh Member . • Felicitation of Merit students President, Shri Shivaji Education Society, Amravati, presided over the function and showered blessings on galaxy of meritorious students and outstanding sports persons. • The function was attended by executive members and office bearers of Shri Shivaji

Education Society, Amravati, parents, students and staff members. • Floral Tributes were paid to Lokmanya Bal Gangadhar Tilak on his Death Anniversary observed on 1st August 2019• 'Independence Day' was celebrated in the presence of students and staff members of the college. NSS students arranged a colored programme on patriotism in the presence Principal Dr. M.P.Dhore Staff members on his occasion. 'Teachers Day' (5th Sep. 2020), celebrated on the occasion of Birth Anniversary of Dr. Sarvapalli Radhakrishnan. • Birth Anniversary of Mahatma Mohandas Karamchand Gandhi was celebrated on 2nd October Floral Tributes were also paid to Former Prime Minister Lal Bahadur Shastri in the presence of staff and students. • " to Hon'ble Dr. Panjabrao Alias Bhausaheb Deshmukh on 27th Dec. in the college as well as at Maharaj Bag Square. Society flag was also hoisted on the occasion. • Republic Day was celebrated in the presence of staff and students of the college. NSS students arranged a colorful programme on patriotisms in the presence Principal Dr.M.P.Dhore staff members on this occasion.

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

The college has an active alumni association registered with Charity Commissioner vide registration No. MAH1575/12(N) dated 21/12/2012 as per society's registration Act 1860. Alumni Association organizes social academic programmes including interactions between alumni students. Alumni association generates the fund for academic and infrastructure development. Dr. Avinash Rode, President of Alumni Association of the college spares his services for the medical care of staff and students. Alumni Association helps to groom the leadership at various levels. Guest's lectures are organized to counsel students for the competitive examination. Alumni Association also provides financial assistance to economically backward students. Alumni Association instituted a scholarship of Rs. 10,000/ for three Economically Backward Students every year.

5.4.2 - No. of enrolled Alumni:

0

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

0

5.4.4 - Meetings/activities organized by Alumni Association :

02

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 college has internal and external audit mechanism. The internal audit is carried out by the parent society and also by the chartered accountant appointed by the management. The external audit is carried out by Senior Auditor and Accountant General of Maharashtra State. Assessment of disbursement of salary and non-salary grant is carried out by Joint Director Higher Education, Nagpur Division, Nagpur. Every year college forms various administrative assistance committees for smooth functioning of the college.

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	Admissions are done strictly on merit basis and by following rules and regulations of RTMNU and Govt. of Maharashtra. The link of admission is shared on the college website www.sscnagpur.ac.in Student desires of seeking admissions for BCA and B.Sc courses need to register himself/herself, fill online application form and upload essential documents. The student has also to register him/her self on RTM Nagpur University portal and upload essential documents. The PG admissions in the affiliated colleges of RTM Nagpur University are done centrally by the University.
Industry Interaction / Collaboration	The institution encourages peer learning by participation in seminars, workshop, training courses etc. Under the training and placement cell various motivational lectures, seminars and workshops are organized for both undergraduate and postgraduate students of the college. The college frequently invite the experts from the industry to interact with the students. MCA students on Sixth Semester undergo for Industrial Projects.
Human Resource Management	The college is run by Shri Shivaji Education Society Amravati and the appointments of Teaching and Non-teaching staff are centrally done by the society as per the rules framed by Maharashtra State Government and RTM Nagpur University, Nagpur. Every year the Honble joint director Higher Education Nagpur division approves the staffing pattern on the basis of the student strength. Contributory and Ad-hoc

	<p>faculty are appointed by the management on the recommendations of local selection committee. The teachers are encouraged to participate in Orientation, Refresher and Short-term courses as per the requirement of Career Advancement Scheme. The teachers are also encouraged to participate in conferences, workshops, seminars in India and abroad.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Library is centralized with established E-books with separate reading rooms for boys and girls. ICT - All faculties have access to ICT resources which installed in different classroom. New computer lab has been developed. Lib.man Software used in library. Physical Infrastructure: - The institute focuses on providing (i) Fire safety (ii) Adequate recreation facilities (iii) Increase in the number of girl's toilets to reflect the change in student composition. (ii) Building repair and extension: - Is conducted on the basis of departmental requirements, recommendation of IQAC/management/building department/students welfare committee etc. and availability of funds. Instrumentation: - Every department is sanctioned adequate amount of money for instrumentation in the beginning of the academic year which they can utilize as per their requirements. Special funds can be sanctioned for larger expenses.</p>
<p>Research and Development</p>	<p>The Research and Development Cell aims to nurture research culture in the College by promoting research in newly emerging and challenging areas of Technology, Science and Humanities. It encourages the students and faculty to undertake the research in newly emerging frontier areas of Engineering, Technology, Science and Humanities including multidisciplinary fields. This enhances the general research capability of budding technocrats by way of participating in conferences, seminars, workshops and project competition. To create awareness and opportunities in Research and Development among the students and faculty and to create Research and Development atmosphere in every department. College management encourages staff members and students to publish technical papers for publishing in National and reputed International Conferences and Journals. College organize faculty level workshops and staff development activities on research-related issues. Faculties are encouraged and provided support for applying for research projects. Duty leave is sanctioned for participation in seminar/conferences. Every year, the faculty members are encouraged by giving incentives for research paper publication. The faculty doing excellence in research awarded by Best researcher of the college.</p>
<p>Examination and Evaluation</p>	<p>The examination system is to expose students to continuous evaluation rather than focus only at term examination. This system ensures that the students develop the ability to study regularly and do not need to put any extraordinary work towards the end of the semester. Examination conducted by internal and external examination mode. The internal mode of examination may be of various types such as oral and written. The external examination involves downloading of question paper before starting exam. The university evaluation also manage by integrated and easy to use system for computerizing total Examination work of the University. The software used for easy onscreen evaluation. The current situation with the COVID-19 pandemic is a threat to the conventional idea of classroom education. At the same time, education cannot stop. Hence, a shift to the digital domain was evident. Internal Assessment through regular Test series, Project building, take home test etc. Fair and transparent examination free from any unfair means. Active participation of faculty in centralized evaluation.</p>
<p>Teaching and Learning</p>	<p>Teaching and learning strategies can include a range of whole class, group and individual activities to accommodate different abilities, skills, learning rates and styles that allow every student to participate and to achieve some degree of success. The main goal of learning strategies is to get students to become more effective learners. Teaching effectively involves not only the use of tools, techniques, and strategies to optimize student learning but an understanding of context, in particular how your students learn, how they process information. Advance teaching learning strategies are the way to enhance teaching and learning performance. Different innovative teaching methods are in place in college like Classroom discussion, Lecture-demonstration using smart board, audio-video tutorial lessons, Class projects, Textbook assignments, use of chalkboard, use of motion pictures, educational films, videotapes, Models and Field trips. Online classes conducted during pandemic situation of COVID-19. Where needed temporary faculty are appointed and highly motivated faculty take additional classes. Implementation of modern teaching tools e.g. use of multimedia projector etc.</p>
<p>Curriculum Development</p>	<p>The curriculum development process shows interaction and relationships between Planning, Content and Methods, Implementation, and Evaluation and Reporting. One of constant primary strategic goals of universities is education, which facilitates acquirement of knowledge and skills relevant to a distinct context or needs of specific stakeholders like students, parents, government, industry, profession, public at large, etc. Among benefits of cooperation for the university are: improved quality of educational programs, research collaboration, attraction of funding and better employment opportunities for graduates. As with any process, the curriculum development process is flexible and dynamic and should be tailored to meet the needs</p>

of the discipline or specific course development and to ensure that students receive a viable and rigorous curriculum. Curriculum is developed by the university. Faculty have participated in board of studies and given suggestions for improvement of curriculum.

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

E-governance area	Details
Planning and Development	<ul style="list-style-type: none"> The college organizes workshops for nonteaching staff to encourage them and to improve their working skills and sometimes the same is organized at parent society level. Computer Literacy programme. College domain mail facilities Libman websoftware is installed for effective management of library. Administrative office is well equipped with computers, printers, photocopiers, fax etc
Administration	The campus is under surveillance of CCTV. Master software is used for office management including admission data, Identity Card, Library Card, Transfer Certificate, Character /Attempt Certificate, etc
Finance and Accounts	Master software is used for office management including accounting, Fee Collection, Scholarship etc
Student Admission and Support	<ul style="list-style-type: none"> Centralized Campus Management System (CCMS) Software is used for online admission process of B.Sc. Online centralized process for admission of P.G. Courses is carried out by parent University. The detail information about the admission process is available on the website: www.sscnagpur.ac.in The Seminar Room and Conference Hall is well equipped with multimedia and are used frequently for conducting seminars and talks by experts. Entire campus is WiFi enabled Open access for teachers and PG students. MOPAC (Mobile Open Access Catalogue) facility is available. SMS facility is provided to student for book issue/return. Library is equipped with INFLIBNET system. Digital Library with 20 computers having internet facility
Examination	Unit test, Surprise Test, Home exam

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
No Data Entered/Not Applicable !!!				

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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)
2020	Guest lecture	-	23/01/2020	23/01/2020	25	Nil
2020	Seminar	-	21/12/2019	21/12/2019	12	Nil

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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
Refresher Course	1	06/11/2019	19/11/2019	14
Refresher course	3	10/10/2019	23/10/2019	14

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6.3.4 - Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
11	11	2	2

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
30	24	0

6.4 - Financial Management and Resource Mobilization

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

The college has internal and external audit mechanism. •The internal audit is carried out by the parent society and also by the charter accountant appointed by the management. •The external audit is carried out by Senior Auditor and Accountant General of Maharashtra State. Assessment of disbursement of salary and non[salary grant is carried out by Joint Director Higher Education, Nagpur Division.

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	0

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6.4.3 - Total corpus fund generated

16393340

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	Committee of Parent society	Yes	Academic audit committee
Administrative	Yes	AMC with different agencies, CA Auditor General Mr. Mohan Rathi Rathi Company	Yes	Academic audit committee

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

1. Teachers instituted medals/cash prize in different categories for the motivation of students. 2. Teachers are giving monetary support to the needy students. 3.The teachers are regularly in contact with parent through mentor schemes and discuss development and progress of their ward.

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

1. Training programme on computer awareness organized for nonteaching staff • 2. Workshop on office administration. 3. Administrator guiding the supporting staff regarding record maintenance.

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

1. Strengthened the training and placement, career counseling guidance, research and extension activity cells. 2. Strengthened the laboratories by procuring latest instruments and established a central instrumentation facilities for teachers and researchers. 3. Strengthened the knowledge resource center.

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	Student Induction Program	10/07/2019	15/07/2019	20/12/2020	400
2020	Webinar on New Education Policy Post Covid-19	01/06/2019	25/05/2020	25/05/2020	500
2019	uiz on Social Awareness Campaign	01/06/2019	26/11/2019	26/11/2019	49
2020	Internal academic audit	01/06/2019	26/11/2020	30/11/2020	12
2019	Departmental Budget	01/06/2019	22/10/2019	22/10/2019	12
2019	Health check up camp in collaboration with Swargiya Dadasaheb Kalmegh Dental college and Hospital	15/02/2020	15/02/2020	15/02/2020	100

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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
One day seminar on Legal Awareness regarding gender equality and Cyber crime	06/03/2020	06/03/2020	125	74

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

The college has taken following initiatives for Environmental Consciousness and Sustainability/Alternate Energy • Water harvesting arrangements are made in girl's hostel, Block A, Block B and newly constructed Block C. The rain water collected at rooftop is channelized into the dug well. • Rain water is used as distilled water in the department of Chemistry. • Soak pits are dug at sloppy areas in the campus.. • Regular plantation of saplings in the campus and maintenance of the same by NCC / NSS students for achieving carbon neutrality. Efforts have been taken to make plastic free campus. • Vermicompost is prepared out of the dry leaves and biodegradable waste instead of burning it • Use of solar water heater • Installation of solar power unit and solar panel for street lights. Tree plantation programme at our college. Percentage of power requirement of the college from renewable sources is about 40.

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil

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
2019	1	1	06/10/2019	2	FREE RERESHMENT	DEEKSHABHOOMI	25
2020	1	1	01/04/2020	365	Sau. Vimlatai Annapurna Yojna	Shri Shivaji Education Society, Amravati.	50

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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)
COLLEGE MAGZINE	15/07/2019	The college magazine BHARTI is published annually and distributed to students and staff members which contains ethical stories, short biography, articles etc. The aim of the magazine is to inculcate ethical values among students. Moreover cultural program are also organized to encourage the students .

7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Teachers Day	05/09/2019	05/09/2019	150
NSS Day	24/09/2019	24/09/2019	100
Dr. S. R. Ranganathan Death Anniversary	24/09/2019	24/09/2019	100
Webinar on New Education Policy, post covid.	20/05/2020	20/05/2020	500
Seminar on Climate Change	28/02/2020	28/02/2020	150
Microbiome Food Festival	27/11/2019	27/11/2019	105
Seminar on Legal Awareness, Cyber-Crime and Gender Equality	06/03/2020	06/03/2020	150
Dr. S. R. Ranganathan Jayanti	09/08/2019	09/08/2019	50
Independence Day	15/08/2019	15/08/2019	100

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

1. Emphasis on more plantations to make environment clean and green. 2. Use of polythene is strictly prohibited. 3. A campus cleaning programme is organized by NSS and NCC during Gandhi Jayanti. 4. Saplings to guests instead of Cut flowers and Bouquets. 5. Awareness programme like distribution of earthen pots for birds during summer, ecofriendly holi and rakhi are organised.

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

Best Practice-I Title of the Practice: INTERNAL ACADEMIC AUDIT (IAA) Objectives: To evaluate the performance of teacher of the department. To evaluate the performance of the department To identify the strengths and weaknesses of the department. Internal Academic Audit (IAA) is the best practice to improve performance of students in the final examination. The main purpose of conducting academic audit is to evaluate the performance of faculty and the departments. This evaluation develops accountability, sstrengths and weakness of the department. Academic audit was conducted in the college by an internal expert committee and committee submits the report containing achievements of teachers and students. 1.The Context: The performance of the faculty members and various departments evaluated on the basis of the quality of teaching, research, administration, and curricular and extra-curricular activities. IQAC develop a format of Internal Academic Audit (IAA) on the basis of seven criterions of NAAC. The academy is audited at the end of each semester wherein the Principal of the college addresses students and informs about infrastructural and academic facilities available in the college. The college provides facilities to the faculty members and students to gain knowledge and acquire skills by encouraging participating in seminars, conferences, workshops, researching programmes etc. Students are also encouraged to work on live projects for skill enhancement under internship. The effective implementation of teaching program is monitored by administrator to improve the quality of education.2.The Practice: As per the guidelines of the NAAC college has constituted Internal Quality Assurance Cell (IQAC) in the year 2004 to impart quality education and the following is the regular practice of the institution: a) Revision of syllabus is a continuous process in all subjects. b) Organizing personality development programs through Carrier Guidance cell. c) Monitoring of quality education is done through IQAC. d)The Head of the department and Staff members plan to cover the syllabus effectively. Teachers of each subject prepares teaching plan for each academic session. e) Remedial classes are organized on working days. 3.Evidence of success: On account of regular academic audit significant improvement of individual faculty regarding attending seminars, publishing papers, undertaking consultancy, organizing seminars / workshops, maintaining records etc. are found. Publications Conference/workshop/Seminar Attended Conference/workshop/Seminar Organized 53 68 10 4.Problems Encountered and Resources Required All head of the departments are advised to prepare and maintain the academic records session wise. Maintaining academic record is a continuous process wherein need of directions are felt, hence all heads and faculty members are directed time to time for enhancing the quality of record through (IAA) committee. Contact Details: Name of the Principal: Dr. Mahendra P. Dhore Name of the Institution: Shri Shivaji Education SocietyAmravati's Science College, Congress Nagar, Nagpur. City: Nagpur Pin Code: 440012 Accredited Status: A grade with CGPA3.51 Validity Period: 09/06/2018to08/06/2024 Work Phone: 07122423432 Fax: 0712244095 Website: sscnagpur.edu.in E-mail: shivajinagpur2019@gmail.com Mobile: 9423103043 Best Practice-II Title of the Practice: Students Induction Programme and Formation of Subject Society of The Departments. 1.Goal To develop leadership quality, character, personality and organizing skill. To reduce the gap between teacher and student. To organize seminars workshops. To organize program like quiz, debate competition etc. To organize events like project competition, paper presentations etc. 2. The Context: It is an opportunity for students to develop the personality and participate in various activities. Each department of college has its own subject society To constitute the Student Induction committee and Subject society. 3. The Practice: A timetable of student induction program is displayed for the newly admitted students Senior Students are involved in planning the activities like sports, cultural programme etc. Members of Subject society organize an educational tour/excursion tour. Members of the Subject society organize the extracurricular events within the departments. Members of the Subject society organize guest lecturers/invited talks/interaction with alumni/seminars within the departments. 4. Evidence of success: The Students who are participating in Induction program and showing their excellent performance in activities are felicitated by giving certificates and prizes. Themeritoriousstudentsarefelicitatedinthesubjectsocietyprogramme. Students are voluntarily participating in various academic and positive change found in the students like character development, communication skills, event organizing kills etc. The faculty and students are working together. It builds team spirit among students. The SIP reduces gap between students and teacher which helps to excel the academic performance. 5. Problems Encountered and Resources required: Initially students hesitate to take part in activities because of lack of confidence. Financial support required to conduct the extracurricular activities. Contact Details: Name of the Principal: Dr. Mahendra P. Dhore Name of the Institution: Shri Shivaji Education SocietyAmravati's Science College, Congress Nagar, Nagpur. City: Nagpur Pin Code: 440012 Accredited Status: A grade with CGPA3.51 Validity Period: 09/06/2018to08/06/2024 Work Phone: 07122423432 Fax: 0712244095 Website: sscnagpur.edu.in E-mail: shivajinagpur2019@gmail.com Mobile: 9423103043

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

http://sscnagpur.ac.in/uploaded_files/BEST_PRACTICE_OF_SHIVAJI_SCIENCE_NAGPUR_2019-2020.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

Preface: The college was founded by Dr. Punjabrao alias Bhausaheb Deshmukh, an erudite scholar, an educationalist, agriculturalist and the first union minister of Agriculture, Govt. of India, who recognized the need for education amongst the underprivileged class. Independent Science faculty started in 1967 and came into existence as "Shri Shivaji Education Society Amravati's, Science College, Congress Nagar, Nagpur" popularly known as "Shivaji Science College, Nagpur". It is located at the centre of city and stands out in providing education to one and all. The college is run by Shri Shivaji Education Society, Amravati, a premier academic institution in central India and it is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. Silent features of the college The vision, goals, resources and work ethics of community on the campus can bring success. The college is committed to diversity and integration. To inculcate discipline, sincerity and devotion among the students to make them most responsible and respectable citizens of India. The college has provision of high quality teaching and supportive research with a caring environment. Recently 15 Associate Professor promoted as a Professor under CAS. Strengthening Undergraduate/Post Graduate teaching. Improve and expand Research and sponsored projects. Increase use of IT in teaching, learning and research activities. We strongly encourage creativity and critical thinking. We believe in frequent communication with parents. We have an open door policy through which the parents are able to have frequent contact with teachers and principal. Playing a leading role in providing the technical and vocational skills. Widening opportunities in learning. Providing a ladder of opportunity to higher education with a key focus on the foundation degrees. To increase industry-college interaction to underpin, develop and strengthen innovative to meet the current and future needs of the country. We believe that education is the only instrument of peaceful social change. To create value-added human power we always keep in mind that unlike industries dealing with lifeless products, education deals with self-propellant, dynamic and often unpredictable human material. We have both resources and determination to impart quality education. Distinctiveness: 1.The college is a single faculty college with two undergraduate courses B.Sc., BCA and two post-graduation courses M.Sc. and MCA. It runs B.Sc. with twelve combinations of subjects at under graduation level and M.Sc. in five distinct subjects. 2.Departments of Physics, Math, Computer Science, Microbiology and Chemistry are recognized as research centre. 3.It was the first institute in Maharashtra accredited with Five Star grade by NAAC, Bangalore in 2002. 4.University Grants Commission, New Delhi has identified the institute with 'A College with Potential for Excellence' in 2004 and the status of 'College with Potential for Excellence' is extended up-to 2019. 5.The institution is re-accredited in 2010 as 'A' grade with the CGPA of 3.19 on 4 point scale. 6.The institution is re-accredited in 2016 as 'A' grade with the CGPA of 3.26 on 4 point scale. 7.The institution is re-assessed in 2017 as 'A' grade with the CGPA of 3.51 on 4 point scale.

Provide the weblink of the institution

<http://sscnagpur.ac.in>

8.Future Plans of Actions for Next Academic Year

1.To prepare academic calendar of academic activities in the college• 2.To submit an institutional data to AISHE. 3.To prepare a plan for effective curriculum delivery and documentation. 4.To organize a Student Induction Programme (SIP). 5. To initiate the process to start more skill based certificate courses. 6. To encourage teachers to use ICT for effective teaching with Learning Management Systems (LMS), Elearning resources etc. • 7. To collect and analyze feedback from all stakeholders on quality related institutional processes• 8. To conduct Workshops/Seminars on Intellectual Property Rights (IPR) and Industry Academia Innovative practices. 9. To organize inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles• 10. To conduct an Academic and Administrative Audit and its follow up• 11.To prepare and submit the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC. 12. To conduct extension and outreach programmes through NSS, NCC. 13.To conduct Students' Satisfaction Survey for teaching, learning and evaluation