Yearly Status Report - 2017-2018

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	**iqacsscnagpur@gmail.com**
Address	**Humpyard Road, Congress Nagar, 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 G R AVACHAR**
Phone no/Alternate Phone no.	**07122423432**
Mobile no.	**9421845390**
Registered Email	**iqacsscnagpur@gmail.com**
Alternate Email	**g.avchar@rediffmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://sscnagpur.ac.in/uploaded_files/AQAR-2016-17.pdf

4. Whether Academic Calendar prepared during the year

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/Academic-Calender-2017-18.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
3	**A+**	**3.51**	**2017**	**09-Jun-2017**	**08-Jun-2024**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**01-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

International Conference on Capacity Building for the Next Generation Quality Assurance in Higher Education in collaboration with APQN and Dhanwate National College Nagpur	22-Mar-2018 04	150
International Conference on Recent Trends in Science and Technology	12-Jul-2017 03	300
Science Exhibition	18-Jan-2018 01	120
Celebration of World Nature Conservation Day	12-Jul-2017 01	80
Wild life conservation week Programme	01-Jul-2017 07	200
Blood Donation Camp	19-Jan-2018 01	120
Celebration of National Service Scheme Day	24-Sep-2017 01	100
Voters Day Programme	25-Jan-2018 01	300
Celebration of National Statistical Day	29-Jun-2017 01	150
Seminar on Web Development Career Opportunity	23-Sep-2017 01	150
Celebration of International Mother Language Day	21-Feb-2018 01	200
Swachcha Bharat Abhiyan	02-Oct-2017 01	150
Celebration of International Yoga Day	01-Jul-2017 01	200
Celebration of International Ozone Day	16-Sep-2017 01	200
Physical and Medical Test Camp	15-Oct-2017 06	500

8. Provide the list of Special Status conferred 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
Institution	General Development Grant	UGC	2017 05	1580208
Dr. S W Anwane	Travel Grant	UGC	2017	195787

. H K Dahule	Travel Grant	UGC	2017 01	128230

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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 :	**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	[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)

• **Academic Calendar is prepared • Academic Audit is conducted • Organized International Conference on 'Capacity Building for the Next Generation Quality Assurance in Higher Education' in collaboration with APQN and Dhanwate National College, Nagpur. • Organized Science Exhibition to promote research culture among the students of the college. • International Conference on 'Recent Trends in Science and Technology' organized**

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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	Achivements/Outcomes
To encourage all departments to conduct Conference / Seminars / Workshops/Guest Lecture of Eminent Personalities	College in collaboration with APQN organized an International Conference on 'Capacity Building for the Next Generation Quality Assurance in Higher Education' • Department of Zoology organized an International Conference on 'Recent Trends in Science and Technology' • Department of Chemistry organized Orientation • Programme for M. Sc. Students • Department of Botany organized Guest Lecture and workshop on Edible Mushroom Cultivation •

	Department of Mathematics organized a Guest Lecture on Algebra delivered by Dr Muktibodh Ex Head of Department of Mathematics, Mohata Science College, Nagpur • Department of Botany organized Intercollegiate Competition on 'Forest Conservation Day' • Language Department organized Short Term Course in Foreign Language in collaborations with Linguistic Department, RTM Nagpur University, Nagpur • Department of Language organized a Workshop on 'Personality Development and Communicative Skills'
To encourage faculty members and students to participate various conferences and seminars	Faculty members and students participated in various international, national and state-level conferences/ seminars/ workshops
To encourage students to participate in college, university and national level sports /NCC/NSS	Organized Intercollegiate Cricket, Football and Badminton Tournaments • Conducted Medical Examination and Physical Efficiency Test for the students of degree college in Jan 2018 • 23 Men and 20 Women teams of the college participated in various games and sports at university level. • Ku. S S Landge B Sc II CBZ was selected for all India Inter University swimming competition held at Chandigarh organized by Panjab University from 26 to 30 Oct. 2017. • Mr Sagar U Prasad B. Sc Final SCSM was selected for All India Inter University Base Ball tournament held at Rohtak organized by M. D. University from 14 to 18 Nov. 2017. • Ku. Nikita K Kumbhalkar, B Sc Final CBM Ku. Nikita S Salunke, B Sc Final SCSM were selected in Nagpur University Gymnastics Team for All India Inter University Competition held at Kurukskhetra organized by Kurukshetra University from 15 to 19 January 2018. • Ku Ritu M Sharma Student of B Sc Final PCM was selected All India Inter University SepakTakraw Tournaments (West Zone) held at Hyderabad Organized by OSMANIA University from 17 to 19 Feb. 2018. • NCC cadet Ms. Srushti Pravin Patre participated in all India Nau Sainik Camp held at Karwar in the state of Karnataka during 717 October, 2017. Her Participation in National Nau Sainik Camp made Maharashtra Directorate the Champion Directorate after 14 years Students actively participated in college, university and national level.

	• 5 Cadets participated in TSC Camp • 20 Cadets went for CATC Camp held at Nagpur • 28 Cadets cleared B cert exam and 10 Cadets cleared C cert exams • NSS organized celebration of National Service Scheme day on 24 Sept. 2017. • NSS unit participated in organ donation rally organized by Govt. Medical College on 29 Aug.2017. • NSS Unit participated bone marrow rally organised by Medical College on 9 Sep 2017 in collaboration with TATA Trust Mumbai. • NSS unit organised Blood Donation camp on 19 January 2018. • NSS unit organised Voter Day programs on 25 January 2018.
To Conduct Academic Audit	Academic Audit conducted by IQAC
To celebrate Birth Anniversary of Founder President Late Dr Panjabrao alias Bhausaheb Deshmukh	The Birth Anniversary of Founder President Late Dr Panjabrao alias Bhausaheb Deshmukh was celebrated on 27/12/2017. Various competitions, cultural functions, Games and sports events, Blood Donation Camp were organized during the celebration
To collect and analyze the feedback of students	Feedback from students collected and analyzed at the end of session
Preparation and electronic submission of AQAR 2016-17	IQAC prepared AQAR for the year 2016-17 and submitted through email.
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14. Whether AQAR was placed before statutory body ? — **Yes**

Name of Statutory Body	Meeting Date
COLLEGE DEVELOPMENT COMMITTEE	15-Oct-2018

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	**2018**
Date of Submission	**14-Mar-2018**

17. Does the Institution have Management Information System ? — **Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Students are admitted through online admission process. Examination forms of admitted students are sent online to the university. The internal marks and practical examination's marks of respective subjects are sent to university online when the windows on university website are opened. The correspondences of AISHE, UGC, University, NAAC are done online. The college ID Cards of students, Leaving Certificates, student's data, scholarship forms, etc. are processed online.

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

• College designs its own academic calendar in accordance with the calendar of university for effective implementation of curriculum. College holds a meeting of college council in the beginning of academic session to discuss the action plan. The inputs given by faculty members are noted and discussed in view of their advantages and disadvantages and the appropriate inputs are included in action plan for effective implementation of curriculum. • All the Head of the Departments conducts their departmental meeting and distributes curriculum/syllabi / Work-load among the staff members and also discusses the various 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 distributes the workload amongst the staff member during the session as per workload prescribed by the university to the permanent, ad-hoc and contributory staff. • 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 and seminars etc. • The syllabus of the subject is prescribed by the Nagpur University. The overall short description about the syllabus is discussed in the classroom during theory period. The unit wise brief explanation is given to students by using various teaching aids. The particulars and details of the syllabus is available in central library and departmental library. • The annual plan and personal time table of the theory and the practical schedule is worked out by the concerned teacher in the academic diary • The period to period documentations and information with respect to topic taught in the class and experimentation executed during the practical schedule is documented and recorded in the academic diary. • The academic diary is updated daily and the same is checked and signed by the head of department and head of institution at regular interval. • The departmental meetings are conducted to review and discussed about departmental teaching and allied work at regular interval/periodically. • Faculties use all the teaching aids and resources available in the institute for the effective understanding and perception of the students during the direct contact teaching hours. Study material and hand written notes are circulated among the students as additional learning resources. • Students are allotted home assignment and project assignment among the students. • The college encourages the teacher to

> participate in workshops, seminars, Orientation, Refresher course and conferences. • College has introduced certificate courses and skill based courses in different subjects at college level for the students.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

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 !!!		

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
MSc	Microbiology	01/07/2017
MSc	Chemistry	01/07/2017
MSc	Computer Science	01/07/2017
MSc	Physics	01/07/2017
MSc	Mathematics	01/07/2017

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

	Certificate	Diploma Course
Number of Students	0	0

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 MAPLE UGC COC	01/07/2017	44
Certificate Course in Environmental Analysis	01/07/2017	10
Tissue Culture	01/07/2017	15
Floriculture Landscaping	01/07/2017	10
Mushroom Cultivation	01/07/2017	20
Vermi Compost	15/07/2017	10
Wine Technology and Fruit Processing	01/07/2017	30

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	Project	6

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.	
Students	Yes
Teachers	Yes
Employers	No
Alumni	No
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 College has the mechanism for analyzing student feedback on institutional performance. A feedback from the students is obtained through feedback forms containing questionnaire on various aspects viz. curriculum, sports, facilities in the department, involvement of teachers etc. The feedbacks and suggestions received are placed before the Principal for corrective measures from time to time. The issues facilitating the students 'responses are resolved promptly. Students: A questionnaire containing 7parameters is prepared to obtain feedback from students to find out the image of the college. A random sample of 150 students is considered. Students have shown their satisfaction in almost all aspects covered in the Feedback form. However, their major demands are: Regular cleaning of wash rooms of block A, provision of WiFi facility to students, proper maintenance of microbiology and chemistry labs, improvement in canteen facility, proper way of giving instructions and notices and improvement in parking facility of students as well as staff. A questionnaire containing 7 parameters is considered to take feedback on individual teacher's performance from students. A random sample of 15 students for every teacher is taken. Four point scales is used to measure the quality level of each aspect. Teachers: Teachers provide their feedback in the meeting of college council, council of heads College Development Committee regarding various needs of the students. Parents: Most of the parents visit the college at the time of admission. Very few parents attend parent's meeting and respond to the feedback. However, time to time we interact with parents either on phone or in person, when they visit our college and always we found that they are happy with the day to day teaching and the conduct of unit tests. But our concern about the response to the feedback from the parents who are unable to contribute due to inability to express their own views regarding enrichment of syllabus, teaching methods etc. There is formal mechanism to collect the feedback on curriculum. The college designed the questionnaire for obtaining feedback on curriculum from different sources. • Students: Through feedback form • Parents: Through ParentTeacher Meet • Alumni: Through Alumni Meet • Industries: During placement drive • Academic Peers: At the time of Conference, Workshops, Seminars, Guest lectures The feedback collected is analysed and discussed in IQAC meetings. The principal and senior staff members have interactions with the students regarding the content of curriculum which is communicated to the university through the members of BoS. Faculty members participate in the workshop on curriculum and communicate the requisite changes to the concerned authorities.

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
BSc	Science	520	3537	520

BCA	Computre Application	120	322	120
MSc	Microbiology	22	66	22
MSc	Chemistry	22	101	22
MSc	Computer Science	40	63	37
MSc	Physics	22	87	22
MSc	Mathematics	22	119	22
MCA	Computer Application	30	0	6

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
2017	1644	250	37	47	13
2017	1644	250	37	47	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 Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
37	37	6	27	2	3
37	37	6	27	2	3

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

The college has mentormentee system in practised since first cycle, whereby mentor provided to every mentee to look after his/her academic and psychological wellbeing and also monitor class attendance and performance. The full time teacher of the college 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 batchwise name of the mentor is displayed. The mentor conducts orientation for mentees whereby they acquainted with the college, its vision and mission and also facilities available. The mentor maintained the detail information including educational background and socioeconomic status. They are also maintained 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 program were organized to develop scientific temperament among students. Mentors are also encouraged to read reference books, text books as well as other knowledgeable books to gain the 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 Teachermentor Program. Overview of

the Activities Throughout the year, the teachers conduct various activities such as visits to organizations, birthday celebrations, parentteacher 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 discussed their family problems with their mentors. Mentors visited 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
1901	67	1:28
1901	67	1:28

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
55	37	18	0	32
55	37	18	0	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
No Data Entered/Not Applicable !!!			

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
BCA	Computer Application	Semester II	17/06/2018	21/07/2018
BCA	Computer Application	Semester IV	11/06/2018	14/07/2018
BCA	Computer Application	SemesterVI	14/06/2018	14/07/2018
MCA	Computer Application	Semester II	23/04/2018	28/06/2018
MCA	Computer Application	Semester IV	23/04/2018	28/06/2018
MCA	Computer Application	Semester VI	23/04/2018	09/07/2018
MSc	Computer Science	Semester II	11/05/2018	19/06/2018
MSc	Computer Science	Semester IV	11/05/2018	14/06/2018
MSc	Physics	Semester II	17/05/2018	19/06/2018

MSc	Physics	Semester IV	11/05/2018	14/06/2018
MSc	Mathematics	Semester II	17/05/2018	19/06/2018
MSc	Mathematics	Semester IV	11/05/2018	14/06/2018
MSc	Microbiology	Semester II	17/05/2018	19/06/2018
MSc	Microbiology	Semester IV	11/05/2018	14/06/2018
MSc	Chemistry	Semester II	17/05/2018	19/06/2018
MSc	Chemistry	Semester IV	11/05/2018	14/07/2018
BSc	Science	Semester II	11/06/2018	25/07/2018
BSc	Science	Semester IV	07/06/2018	09/07/2018
BSc	Science	Semester VI	06/06/2018	26/06/2018

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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 measures for evaluation process: • The information about the tentative dates of time table of examinations such as unit tests, surprise tests, terminal/test examination, internal assessment is given in the prospectus , notices, academic calendar. • The principal discusses the norms of evaluation norms 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 parentteacher 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 organise a meeting of HODs and college council to discuss the action plan. The suggestions given by faculty members are discussed and according to merit and implemented. Syllabi of all the skillbased courses are designed by the respective coordinators of the college and then 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 various activities to be conducted during the session. The heads of all the departments conduct their departmental meeting for distribution of curriculum/syllabi / workload among the staff members and to discuss the various 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://sscnagpur.ac.in/uploaded_files/program-outcome-2017-18.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
B. Sc.	BSc	Science	383	265	69.19
BCA	BCA	Computer Application	50	46	92
M. Sc.	MSc	Microbiology	22	20	90.90
M. Sc.	MSc	Chemistry	23	21	91.30
M. Sc.	MSc	Physics	16	10	62.50
M. Sc.	MSc	Computer Science	35	28	80

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://sscnagpur.ac.in/uploaded_files/Student-Satsfactory-Servey-2017-18.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
Minor Projects	02	UGC	2.8	0
Interdisciplinary Projects	02	UGC	3.75	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
No Data Entered/Not Applicable !!!		

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
No Data Entered/Not Applicable !!!				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					

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
Department of Zoology	1
Department of Computer Science	2

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)
National	Physics	2	00
National	Chemistry	3	0
National	Computer Science	1	0
International	Physics	3	0
International	Chemistry	11	0
International	Microbiology	3	0
International	Zoology	4	2
International	Computer Science	5	0
International	Electronics	3	0
International	Mathematics	4	2

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
Chemistry	1
Microbiology	11
Mathematics	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
Studies on Removal of Metal Content Using Coal Based	Dr R U Khope	IJRBAT Special Issue 2 Vol V	2017	0	0	0

Adsorbent Through Wastewater						
Studies on Removal Efficiency of Adsorbent for Lead from Aqueous solution	Dr R U Khope	IJRBAT Special Issue 6 Vol I	2017	0	0	0
A Simulation study of the Removal Efficiency of Granular activated Carbon on Cd	Dr R U Khope	IJRBAT Special Issue 6 Vol V	2018	0	0	0
Evoluation of Treatment by Adsorption for Lead Removal from Aqueous Solution	Dr R U Khope	Pelagia Research Library	2017	0	0	0
To study the Efficacy of Granular Activated Carban in removal of lead from Aqueous solution	Dr R U Khope	Bionano Frontier Vol 10	2017	0	0	0
Role of ICT in Teaching and Learning	Dr Mrs P D Burghate	Learning and evolution SSTLE	2017	0	0	0
Higher Education: Retrospect and Prospect	Dr Mrs P D Burghate	Learning and evolution SSTLE	2017	0	0	0
Higher	Dr Mrs P D	Learning	2017	0	0	0

Education: Retrospect and Prospect	Burghate	and evolution SSTLE				
Application of RSF_1 copolymer for removal carcinogenic Arsenic from contaminated water	Dr. Mrs. P. D. Burghate	Bionanofrontier.org	2017	0	0	0
Novel and Environmental Friendly Synthesis of 4[Phenyl amino] 6methy2(Aza)1, 3 Pyramidine and its Biological Activity.	Dr. Mrs. R. A. Deshmukh	IJRBAT (Special Issue) VolV	2017	0	0	0
Adsorption Stuies of Cobalt using Activated Carban in Presence of 2Hydroxy5 methoxy Benzoic Acid	Dr. J. K. Gunjate	IJRBAT (Special Issue 2) VolV	2017	0	0	0
To study the Efficacy of Granular Activated Carban in removal of lead from Aqueous solution	Dr. Y. K. Meshram	Bionano Frontier Vol 10	2017	0	0	0
Bioefficacy of Delta methrin Against Gram Pod	Dr. Rashmi Urkude	IJRBAT (Special Issue 2) VolV	2017	0	0	0

Borer (H.Armigera) on Pigeon PeasA Review						
Review on Residuce of Profenofos in Pigeonpea Seeds	Dr. Rashmi Urkude	IJRBAT (Special Issue 2) VolV	2017	0	0	0
Pesticide Residues in Food and its Analysis	Dr. Rashmi Urkude	Bionanofrontier.org NCMAM	2017	0	0	0
Evaluation of Physico chemical Parameters of Kolar River water Samples with Reference to Pearsons Correlation Coefficient.	Dr. A.D. Bobdey	IJRBAT (5) 2, 756764	2017	0	0	0
Application of Protein Serin from the Silk gland of Silk worm. A review	Dr. Seema G. Kadu	IJRBAT , 5(2)	2017	0	0	0
Seasonal Variation of Zooplanktons of River Chandrabhaga, Daryapur Tahasil. Dist. Amravati (M.S.)	Dr. A.D. Bobdey	IJRBAT , 5(Special issue (2), 11571160	2017	0	0	0
Hirudotherepy in the management of Skin diseases	Dr. Shital S. Deshmukh	IJRBAT , 5(2)	2017	0	0	0

Bianchi typeIII Domain Walls with Electromagnetic field in General Relativity	M. R. Ugale A. S. Nimkar A. M. Pund	International Journal for Engineering Appl ication and Technology	2017	0	0	0
Wet Dark Fluid Cosm ological Model in S aezBallest er Theory	A. M. Pund	International Journal of Research Science and Management	2017	0	0	0

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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
No Data Entered/Not Applicable !!!						
No file uploaded.						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	32	30	3	0
Presented papers	13	15	0	0

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
Swami Vivekanand Jayanti	NSS Unit of the college	4	100
Ceremonial Parade on Republic Day	NCC unit of the college	2	50
Blood Donation Camp	NSS unit of the college	8	200
Water Day	NSS unit of the college	4	100
Tree Plantation	NSS and NCC unit of the college	4	250
Independence Day Parade	NCC Unit of the college	2	50

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
No Data Entered/Not Applicable !!!			

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 activites	Number of students participated in such activites
Swaccha Bharat Abhiyan	NSS and NCC unit of the college	Cleanliness drive in the college campus, Ajni Railway Station	5	50
International Yoga Day	NSS and NCC unit of the college	Demonstration and practice of Yoga	3	50
Women's Empowerment	Staff Welfare Committee	Counseling program of women health, Diet, Nutrition, etc.	4	200
Cancer Awareness Programme	Staff Welfare Committee	Guidance on Cancer awareness and prevention measures.	5	150
Voter day Program	NSS and NCC unit of the college	Voters rally conducted and inspire the voters to vote in forthcoming election.	4	100

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
No Data Entered/Not Applicable !!!			

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
Collaboratio	Internationa	Vishwashanti	22/05/2018	24/05/2018	150

n to organize international conference at Singapur	l conference on Science and Technology for society	Multipurpose Society, Nagpur				

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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
No Data Entered/Not Applicable !!!			
No file uploaded.			

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
70	77.27

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing

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 0.2	2011

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
CD & Video	510	31260	10	8700	520	39960

Text Books	38139	7023972	1581	219534	39720	7243506
Reference Books	2449	2000084	165	125526	2614	2125610
e-Books	47	66940	15	18910	62	85850
Journals	27	56959	0	0	27	56959
e-Journals	2	5000	1	3000	3	8000
CD & Video	510	31260	10	8700	520	39960
Text Books	38139	7023972	1581	219534	39720	7243506
Reference Books	2449	2000084	165	125526	2614	2125610

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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	Platformon which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	312	150	312	20	40	15	87	10	
Added									
Total	312	150	312	20	40	15	87	10	0

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

10 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
No Data Entered/Not Applicable !!!	

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 incurredon maintenance of physical facilites
40	46.45	60	63.4

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 equipments. The management approves and allocates the funds. ?Day to day cleaning is carried out by outsourcing. The Electronic equipments/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	Nil	0	0
Financial Support from Other Sources			
a) National	GOI, Freeships, EBC etc.	771	3148914
b)International	Nil	0	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
Study Skills	01/07/2017	40	Nil
Business Writing	01/07/2017	50	Nil
Soft skill	01/07/2017	150	Dr Pooja Agrawal, Bangluru
Awareness programme for PG in IITs.	01/07/2017	250	GENESIS, Nagpur
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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 passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!					

No file uploaded.

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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Abott, SBE, HCL	301	11	Nil		

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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	6	B.Sc.	Botany	PGTD, Nagpur	M.Sc.
2018	4	B.Sc.	Statistics	Institute of Science, Nagpur & Pune University	M.Sc
2018	9	B.Sc.	Electronics	PGTD, Nagpur	M.Sc. & MCA
2018	4	B.Sc.	Zoology	PGTD, Nagpur	M.Sc
2018	16	B.Sc.	Biotechnology	Furguson, Pune, PGTD, Nagpur, Hislop college, Nagpur & Pune University	M.Sc

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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
No Data Entered/Not Applicable !!!	
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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
Yuva Mahotsav (GOONJ)	College level	400

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
2017	Colour holderColour holder	National	1	0	0	Ku.Nikita Kumbhalkar
2017	Colour holder	National	1	0	0	Ku.Nikita Salunke
2017	Colour holder	National	1	0	0	Mr Sagar Prasad
2017	Colour holder	National	1	0	0	Ku. Samiksha S. Landge

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). 1) Principal Dr. D.K. Burghate Chairman 2) Dr. Mrs. P. S. Tiwari Convener 3) Dr. S. R. Pande Member 4) Dr. S. M. Ghatole Member 5) Dr. R.Y. Deshmuhkh Member 6) Dr. Mrs. A. Bramhankar Member • Mr. Kuldeep N Kirad was elected as Secretary of student's council by the nominated student members on 29th January 2018. • Felicitation of Merit students of Summer2017 H.S.S.C. (XII Std.) examination from our college was held on 29/9/2017 at the hands of Hon'ble chief minister of Maharashtra Shri Devendra jiFadnavis, Hon'ble Minister of Road Transport and Highways of India and Hon'ble Mayor of Nagpur Sau. Nanda Jichkar. • Hon'ble Shri Harshvardhan Deshmukh, 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 2017. • '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. D.K. Burghate Staff members on his occasion. • Floral Tributes were paid to Dr. Sarvapalli Radhakrishnan on 'Teachers Day' (5th Sep. 2017), celebrated on the occasion of Birth Anniversary of Dr. Sarvapalli Radhakrishnan. • Birth Anniversary of Mahatma Mohandas Karamchand Gandhi was celebrated on 2nd October 2017. Floral Tributes were also paid to Former Prime Minster Lal Bahadur Shastri in the presence of staff and students. • "Mahaparirwan Din" of Dr. Babasaheb Ambedkar was observed on 6th December 2017 by offering floral tributes to him. • Student's council celebrated Birth Anniversary of Shikshan Maharshi Dr. Panjabrao Alias Bhausaheb Deshmukh. • YUVA MAHOTSAV (Science and Cultural fest) was organized from 18th Jan 2018 to 20th Jan 2018. Inauguration of YUVA Mahotsav held on 18.1.2018 at the hands of Chief guest Hon'ble Shri Hemant Kalmegh,and Hon'ble Principal. • Blood donation, Cultural program and Sports competition was also organized on this occasion. • Floral tribute paid

to Hon'ble Dr. Panjabrao Alias Bhausaheb Deshmukh on 27th Dec. 2017 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. D.K. Burghate 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:

50

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

A mega event of Golden Jubilee Celebration was arranged during the period.

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)

• Local Management Committee (LMC) is constituted as per the Maharashtra University Act. Three teachers and one nonteaching staff members represent LMC. • The faculty members are involved in the decision making process during the meeting of college council, the council of heads and the IQAC. The conveners of various committees also have involvement in the decisions and deliberations of the meeting. • The important suggestions regarding college development are conveyed by Principal through regular staff meetings. The regular meetings of students' council are organized with a view to obtain feedback and suggestions from the students for better implementation

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
Curriculum Development	• The curriculum of the University is mandatory to all affiliating colleges.

		• The institution encourages the faculty to organize the workshops in the college and attend the workshops organized by other colleges in various subjects on the syllabus framed by the university. • The institution inspires the faculty to organize and attend national/international seminars/conferences.
	Teaching and Learning	• Teachers are encouraged to use audiovisual instruments like LCD projector, OHP, PPT, molecular models and charts. • To improve the quality of teaching, management encourages the faculty to attend orientation courses, refresher courses, workshops and seminars. • The teaching performance of faculty is evaluated through PBAS proforma. • The faculties are suggested to use interactive method for better learning. • The academic progress of the Students is evaluated through internal assessment system
	Examination and Evaluation	The institution takes the following measures for internal and external evaluation processes: Internal Assessment The information about the tentative dates of time table of examinations such as unit tests, surprise tests, terminal/test examination, internal assessment is given in the prospectus , hand book, notices, academic calendar and website. • 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 parentteacher meet. The Evaluation Reforms Initiated By College: • 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. • The college conducts surprise tests, terminal examination, viva voice etc. for assessment and evaluation of the students. • As per the direction of university, 10/15 marks are assigned for internal assessment for each paper

		of different subjects. The students are assessed on the basis of class test, attendance, project assignments, seminar, study tours, industrial visits, visit to educational institutions and research organizations, field work, group discussions or any other innovative practice / activity.
	Research and Development	• Research Committee is established in the college to promote monitor research culture. • Dissemination of information about forthcoming workshops, seminars and conferences. • 19 faculty members are recognized by University as a Supervisor. • Five Departments are recognized as a place of Higher Learning and Research. • PhD is awarded to 3 faculty member in the academic session 201718. • Incentives are given to teachers for publication of their research work in peer reviewed Journals in the form of cash prize. • Best Researcher award is instituted at institute level.
	Library, ICT and Physical Infrastructure / Instrumentation	• Staff and students have access to INFLIBNET (e journal) • Collection of reference and text books of various subjects, periodicals, magazines, digital resources, and audio visual collections. • Most of the Departments have their own library to cater to immediate requirements. • All the resources are cataloged and the functioning of the library is fully automated. • The Departments are also equipped with computers, printers, internet connectivity, LCD projector, WiFi and so on. • The other facilities provided are TV, digital camera, Xerox Machine, Scanner etc. • The College has consistently upgraded both the physical and learning infrastructure to meet the growing academic needs. • Internet facility is made available to all students and faculty. • Management Information System partially exists in the College library with LIBMAN software
	Human Resource Management	• The management is committed to the academic development of the college. • The administration is fully decentralized and total functional freedom is given to the head of respective department. • Various committees are constituted to monitor the Cocurricular and other activities.

	• The faculties are the members of various committees and they perform their responsibilities with the cooperation of nonteaching Staff. • Regular feedback is taken from the stakeholders and if needed the suggestions if any, is implemented. • There are many welfare schemes for staff and students like free medical checkup, group insurance, awards at college and society level and financial support. • Institution has a tradition to celebrate national and social events collectively
Industry Interaction / Collaboration	Visits and research interactions with various industries and institutions are carried out on a regular basis. • Various Departments have both formal and informal linkages and collaborations with other institutes of higher learning and these are utilized for the fruitful completion of curriculum and research work. • The authorities are openminded in interacting with other institutes for collaboration. Linkages were established with reputed organizations for placement and Career counselling.
Admission of Students	Admission Process • Information about admission is advertised in News paper as per norms fixed by state Govt. and RTM Nagpur University, Nagpur • Transparency is maintained in admission process. • Admission related matter hosted on the website • All reservation policies are followed • All given admissions are as per merit Program for Admissions • Admission process starts immediately after the declaration the result of HSSC Examination • Online Registration system. • Link is available on college web site and also in the Domain: shivajionline.com

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

E-governace area	Details
Planning and Development	• 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 program. • College domain mail facilities • LIBMAN web software 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	• **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.edu.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	**Main examinations are conducted by University, At University level egovernance such as online valuation of examination papers, online question papers at various examination centers etc.**

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 !!!				
No file uploaded.				

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	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

staff				
No Data Entered/Not Applicable !!!				

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
Orientation Program	2	25/10/2017	24/11/2017	30
Refresher Course	1	25/10/2017	23/11/2017	28
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
37	55	41	12

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance, Maternity Paternity Leave, GPF/DCPS/CPF, Concession in Ward's Fee	Group Insurance, Maternity Paternity Leave, GPF/DCPS/CPF, Concession in Ward's Fee	Life insurance scheme, Student Book Bank, Student Aid Fund, TA/DA for participation in cultural/ sport activities

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 nonsalary 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
No Data Entered/Not Applicable !!!		
No file uploaded.		

6.4.3 – Total corpus fund generated

1500000

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	No	Not Applicable	Yes	IQAC of the College
Administrative	Yes	Joint Director Office	Yes	Parent Society

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

• The teachers are regularly in contact with parent through mentor schemes and provide the development and progress of their child. • Valuable suggestions of teachers are accepted by parents for improvement of their child. • The parents are invited by teachers at department level

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

• Training programme on computer awareness organized for nonteaching staff • Workshop on office administration • Workshop organized by ICC for awareness on Sexual Harassment Act 2013

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

• Strengthened the career, counseling and guidance cell, research cell and extension activities cell • Improved on campus placement through placement cell • Strengthened the students labs and add relevant new titles and journals in the library • Established a central instrumentation facilities for teaching and research

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
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
2018	International Conference on 'Capacity Building for the Next Generation: Quality Assurance in Higher Education' in collaboration with APQN and Dhanwate National College, Nagpur	22/03/2018	22/03/2018	25/12/2018	150
2017	International Conference on 'Recent	12/07/2017	12/07/2017	14/07/2017	300

	Trends in Science and Technology'				
2018	Science Exhibition	18/01/2018	18/01/2018	18/01/2018	120

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
Seminar on Legal Awareness regarding rules and laws and gender equality	26/02/2018	26/02/2018	130	67

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 panel for street lights. ?Installation of solar power unit of 10 KVA at Block 'B', 17KVA at 'Hostel' building and 36.50 KVA at Block 'C'. Installation of solar panel has saved up to 60 to 70 percent of electricity.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	4
Ramp/Rails	Yes	4
Braille Software/facilities	No	0
Rest Rooms	Yes	4
Scribes for examination	No	0
Special skill development for differently abled students	No	0
Any other similar facility	No	0

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
2017	1	1	18/10/2017	222222	Free Refreshment stall	Free Refreshment stall was arranged for the visitors of Deekshabhoomi Nagpur (M.S) India during Dhamma Chakra Pravartandin .Thousands of tourists reach to Nagpur city to pay homage to Bharat Ratna Dr. Babasaheb Ambedkar at Deekshabhoomi. College org	25

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

Title	Date of publication	Follow up(max 100 words)
Code of conduct for students	06/06/2017	Code of conduct for students of the college is described under given points like Discipline, rules and regulation Attendance etc. Students are expected to the follow it regularly. The Follow up is taken every month

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Death anniversary	01/08/2017	01/08/2017	144

of Lokmanya Bal Gangadhar Tilak			
Birth anniversary of Ranganathan	09/08/2017	09/08/2017	77
Independence Day	15/08/2017	15/08/2017	410
Teachers` Day	05/09/2017	05/09/2017	320
Digvijay Diwas	11/09/2017	11/09/2017	120
Birth anniversary of Mahatma Gandhi and Lal Bahadur Shastri	02/10/2017	02/10/2017	127
Death anniversary of Dr. Babasaheb Ambedkar	06/12/2017	06/12/2017	144
Birth anniversary of Dr. Panjabrao Deshmukh	27/12/2017	27/12/2017	315
Birth anniversary of Chatrapati Shivaji Maharaj	19/02/2018	19/02/2018	178
Birth anniversary of Sant Gadage Baba	23/02/2018	23/02/2018	215
Death anniversary of Dr. Panjabrao Deshmukh	10/04/2018	10/04/2018	322

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

• Emphasis on more plantations to make environment clean and green. • Use of polythene is strictly prohibited. • A campus cleaning programme is organized by NSS and NCC during Gandhi Jayanti. • Saplings to guests instead of Cut flowers and Bouquets • 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 PracticeI 1. Title of Practice "Soilless Rooftop Organic Farming" 2. Goal: To provide low cost ecofriendly farming, an alternative to retrench agricultural land. 3. The context: The agriculturists in India are facing a big problem of supplying food to ever increasing population as agricultural land is decreasing due to fast growing urbanization and industrialization. The food we consume is contaminated due to extensive use of pesticides/insecticides/chemical fertilizers. The quality of soil is also degraded. These problems need to be addressed. An alternative solution to overcome above problems is the Soilless Rooftop Organic Farming, wherein use of vermicompost and harmless biopesticides are promoted. 4. The practice: Staff students of the college initiated the concept of Rooftop Organic Farming. 9' X 6' feet container is designed with underlying polymer sheets. Cocopeat and vermicompost is mixed in 60:40 ratios with addition of 20 azotobactor and 30 neem powder. Drip irrigation system is used. Green nets are provided over the kits. During rainy season, it is further covered with plastic sheets. The ideas are derived from green house. The attributes of green house are inculcated in this practice. All small rooted crops can be cultivated such as chillis, brinjal, tomato, spinach, coriander, fenugreek, cucumber, bitter gourd, cabbage

etc. Best PracticeII 1. Title of the practice : Residential Camp on "An Awareness About Future In Basic Sciences" 2. Goal: The goal of the residential camp is to encourage brilliant students to take up basic sciences as career, to inculcate culture of science among new generation, to encourage them to carry out research in basic sciences and to expose them to new avenues and related career opportunities. 3. The context: The college has great potential and provides many career opportunities to the students. However, the present scenario depicts that the best brain go to medical and engineering streams and other professional courses. Therefore it is necessary to encourage young talent to take up science as career. In order to motivate young and enthusiastic brains in the field of research, Department of Science and Technology, New Delhi sponsored an awareness program Innovation in Science Pursuit for Inspired Research (INSPIRE) for the students. The college is a premier institute in Central India and has potential to attract brilliant students in and around the region. To materialize the goal, the college organizes residential camp on Awareness about future in basic sciences every year since 2012. 4. The practice: It is a regular practice in the college since 2012 to organize a residential camp on An awareness about future in Basic Sciences. This practice helps to attract the brilliant students to seek admission in U G Program of basic sciences.

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-Practices-2017-18.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

•?Highly qualified and dedicated faculty to impart and inculcates the cultural and social values among the stakeholders. •?Adequate and well maintained infrastructure, wellequipped Laboratories, Girls' hostel and Ladies Gym. •?ICT facilities in teaching learning and administrative process. •?Multiple combinations in UG course. •?P.G. courses in Chemistry, Microbiology, Computer Science, Physics, Mathematics, Biotechnology, Master in Computer Application. •?Recognized center of higher learning and research in the subject Physics, Chemistry, Microbiology, Computer Science, Mathematics, Botany and zoology. •?Holistic development through sports, NCC, NSS and extracurricular activities. •?YUVA Mahotsava to commemorate the Birth anniversary of Dr. Panjabrao alias Bhausaheb Deshmukh. • Residential INSPIRE Camp for promotion of Basic Sciences • Training and placement cell in college.

Provide the weblink of the institution

http://sscnagpur.ac.in/uploaded_files/Institutional-Distinctivenes-2017-18.pdf

8.Future Plans of Actions for Next Academic Year

• To prepare academic calendar of academic activities in the college • To submit an institutional data to AISHE • To prepare a plan for effective curriculum delivery and documentation • To initiate the process to start more skill based certificate courses • To encourage teachers to use ICT for effective teaching with Learning Management Systems (LMS), Elearning resources etc. • To collect and analyze feedback from all stakeholders on qualityrelated institutional processes • To conduct Workshops/Seminars on Intellectual Property Rights (IPR) and IndustryAcademia Innovative practices. • To organize inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles • To conduct an Academic and Administrative Audit and its followup • To prepare and submit the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC. • To conduct extension and outreach

programmes through NSS, NCC. • To conduct Students' Satisfaction Survey for teaching, learning and evaluation