ANNUAL QUALITY ASSURANCE REPORT

(AQAR 2012-13)

Submitted To

National Assessment and Accreditation Council

(NAAC)

Shri Shivaji Education Society Amravati's

Science College

Congress Nagar, Nagpur-440012(M.S.)

Reaccreditated 'A' Grade college by NAAC, Bengaluru
Identified a College with Potential for Excellence by UGC, New Delhi

1. Kindly provide the details of the institution

Name of Institution:	S. S. E. S. Amravati's, Science Coll
Year of Establishment of the Institution:	1967
Address Line 1:	Congress Nagar
Address Line 2:	Near Ajani Railway Station
City/Town:	Nagpur
State:	Maharashtra
Postal Code:	440012
Email Address:	shivajisciencecollegenagpur@yahoo

2. NAAC Accreditation/ Reaccreditation Details

Year of Accreditation/ Reaccreditation:	2010
Current Grade:	A
CGPA:	3.19

3. Institutional Status

Affiliated Permanent ⌄

4. Contact Person Details

Name of Head of Institution:	Dr. D. K. Burghate
Contact Phone:	0712-2423432; 0712-2440955; +919
Email:	devendra.burghate@sscn.in; drdkbu
Website URL:	www.shivajisciencecollegenagpur.in

Name of IQAC Co-ordinator

Dr. G. R. Avachar

Email:

g.avchar@rediffmail.c

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NAAC Institutional Quality Sustenance and Development Survey

3.

SECTION I

This section is related to institutional goals, vision and mission, academic programmes and activities, strategies and action plans for institution building.

5. Number of academic programmes existing (Enter a number; 0 for nil)

Undergraduate (BA/B.Sc./B.Com etc.)

> 1

Post Graduate (MA/M.Sc./M.Com etc.)

> 1

Research Programmes (M.Phil/P.hD)

> 1

Certificate Programmes

> 6

Professional Programmes
(B.Tech/M.Tech/B.Ed/M.Ed/Medicine/Pharmacy/Paramedical/Nursing etc)

> 2

Other value added programmes

> 1

Any other programme offered (Specify)

> 0

6. Details on Programme Development (Enter a number; 0 for nil)

New programmes added during the year

> 0

New programes designed

> 0

Programes under revision

> 1

Interdepartmental collaborative programmes

> 1

Inter institutional collaborative programmes

> 2

Number of review committee recommendations implemented (Total)

> 10

Number of NAAC peer team recommendations implemented

> 6

Number of UGC/any other expert committee recommendations implemented

> 3

Number of review

Committee recommendation under implementation	7

Number of NAAC peer team recommendations under implementation	3

Number of UGC/ any other expert committee recommendations under implementation	2

7. Faculty Details (Enter a number; 0 for nil)

Total faculty strength required as per norms for all programmes	53
Total faculty on rolls	42
Faculty added during the year	0
Faculty positions vacant	11
Faculty left during the year	1
Total number of visiting faculty	23
Total number of guest faculty	10

8. Qualification of Faculty

PhD and Above	32
MPhil	2
Masters	5
Any other (Specify)	3 (NET/SET)

9. Faculty qualification improvement

PhD awarded to existing faculty	0
MPhil awarded to existing faculty	0
Any other degree awarded to existing faculty	0

10. Administrative Staff Details (Enter a number; 0 for nil)

Administrative staff (total sanctioned)	10
Administrative staff	4

,Actual strength)

Added during the year of reporting

`0`

Left during the year

`0`

Number of posts vacant

`6`

11. Technical Support Staff Details (Enter a number; 0 for nil)

Technical Support Staff (Total sanctioned strength)

`62`

Technical Support Staff (Actual strength)

`50`

Added during the year

`0`

Left during the year

`0`

Number of posts vacant

`12`

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SECTION II

This section surveys the quality sustenance and development activities during the year taken up by IQAC.
It reflects quality management structure, strategies, and processes which would enhance academic quality of the institution as perceived by faculty, students, alumni, and other stakeholders (social perception of the institution) inline with the vision, mission and goals of the institution.

12. Establishment details

	DD	MM	YYYY
Year of establishment of IQAC	15	07	2004

13. Composition of IQAC (Enter a number; 0 for nil)

Number of IQAC members	15
Number of Alumni in IQAC	1
Number of Students in IQAC	1
Number of Faculty in IQAC	8
Number of Administrative Staff in IQAC	1
Number of Technical Staff in IQAC	1
Number of Management Representatives	1
Number of External experts in IQAC	1

| Number of any other stakeholder and community representatives | 1 |

14. IQAC Meetings

| Number of IQAC meetings held during the year | 6 |

15. Whether Calendar of activities of IQAC formulated for the academic year

Yes ∨

16. IQAC Plans for Development (Enter a number; 0 for nil)

Number of academic programmes proposed	1
Number of value added programmes proposed	5
Number of skill oriented programmes proposed	4
Number of faculty competency and development programmes proposed	4
Number of other staff development programmes proposed	1
Number of student mentoring programmes proposed	1
Number of co-curricular activities proposed	11
Number of inter departmental cooperative schemes proposed	5

Number of community extension programmes proposed	6
Any other programmes proposed (Specify)	0

17. IQAC Plans for development & Implementation (Enter a number; 0 for nil)

Number of academic programmes implemented	1
Number of value added programmes implemented	5
Number of skill oriented programmes implemented	4
Number of faculty competency and development programmes implemented	4
Number of other staff development programmes implemented	1
Number of student mentoring programmes implemented	1
Number of co-curricular activities implemented	11
Number of inter departmental cooperative programs implemented	5
Number of community extension programmes implemented	6

Any other programmes suggested that are implemented (Specify)

`0`

18. IQAC Seminars and Conferences (Enter a number; 0 for nil)

Number of seminars/ conferences/ workshops organized by IQAC within the institution

`0`

Number of participants from the institution

`0`

Number of particpants from outside

`0`

Number of external experts invited

`0`

Number of external conferences/seminars/ workshops on institutional quality attended

`2`

Number of events conducted with IQACs of other institutions as collobrative programes

`1`

19. Did IQAC receive any funding from UGC during the year ?

Yes

No

20. If the response to Qn. 18 is Yes, please provide the amount received from UGC - (Input 0 - if NA/NIL-) Any other source including internal financial support from the management (Specify amount)

Amount Received from UGC

`0`

Amount Received from any other source including the college management

`0`

21. Any significant contribution made by IQAC on quality enhancement during

current year (Please provide details in bullet format)

- International Conference , National Conference, Seminars and Workshop organized
- Improvement in quality Education

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NAAC Institutional Quality Sustenance and Development Survey

SECTION III

In this section the events, activities, and outputs in the field of research and academic areas are being surveyed.

22. Academic Programmes

Number of new academic programes developed or designed by faculty

```
0
```

Number of faculty members involved in curriculam restructuring/revision/syllabus development

```
3
```

Number of programes in which evaluation process reformation taken up and implemented

```
1
```

Number of active teaching days during the current academic year

```
180
```

Average percentage of attendance of students

```
80
```

Percentage of classes engaged by guest faculty and temporary teachers

```
30
```

Number of self financed programmes offered

```
7
```

Number of aided programmes offered

```
14
```

Number of programmes discontinued during the year

```
0
```

23. Whether any systematic student feedback mechanism is in place ?

Yes ∨

24. Feedback Details (If answer to Question 20 is Yes)

ercentage of
courses where
student feedback is
taken

`100`

25. Is feedback for improvement provided to the faculty?

Yes ∨

26. Faculty Research, Projects, and Publication details for the year

Number of major research
projects undertaken during
the year

`3`

Number of minor research
projects undertaken during
the year

`1`

Number of major ongoing
projects

`3`

Number of minor ongoing
projects

`12`

Number of major projects
completed

`6`

Number of minor projects
completed

`3`

Number of major project
proposals submitted for
external funding

`2`

Number of minor project
proposals submitted for
external funding

`3`

Number of research
publications in peer
reviewed journals

`110`

Number of research
publications in
international peer reviewed
journals

`84`

Number of research
publications in national
peer reviewed journals

`26`

Number of research
papers accepted for
publication in international
peer reviewed journals

`17`

Number of research
papers accepted for

`8`

ublication in national peer reviewed journals

Average of impact factor of publications reported

1

Number of books published

7

Number of edited books published

5

Number of books (single authored) published

2

Number of books (coauthored) published

3

Numbers of conferences attended by faculty

156

Number of international conferences attended

48

Number of national conferences attended

108

Number of papers presented in conferences

97

Number of papers presented in international conferences

34

Number of papers presented in national conferences

63

Number of conferences organized by the institution

2

Number of faculty acted as experts resource persons

3

Number of faculty acted as experts resource persons - international

0

Number of faculty acted as experts resource persons- national

2

Number of collaborations with international institutions

1

Number of collaborations with national institutions

5

Number of linkages created during the year

2

otal budget for research for current year as a percentage of total institution budget

8

Amount of external research funding received in the year

5317135

Number of patents received in the year

0

Number of patents applied for in the year

0

Number of research awards/ recognitions received by faculty and research fellows of the institute in the year

1

Number of PhDs awarded during the year

3

Percentage of faculty members invited as external experts/resource persons/reviewers/referees or any other significant research activities

10

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SECTION IV

This section deals with Student Mentoring and Support System existing in the institution. This includes student activities, mentoring, and opportunities for development and inclusive practices.

27. Student Details and Support Mechanisms

The total intake of students for various courses (Sanctioned)

720

Actual enrollment during the year

671

Student dropout percentage during the year

50

Success percentage in the final examination across the courses

61

Number of academic distinctions in the final examination and percentage

42, 20

Number of students who got admitted to institutions of national importance

7

Number of students admitted to institutions abroad

0

Number of students qualified in UGC NET/ SET

7

Number of students qualified GATE/ CAT/ other examination

2

ecify)

28. Does student support mechanism exist for coaching for competitive examinations?

Yes ▾

29. Student participation, if response is yes to Qn. 27

Number of students
participated

50

30. Does student counselling and guidance service exist ?

Yes ▾

31. Student participation, if answer to Qn. 29 is yes

Number of students
participated

100

32. Career Guidance

Number of career
guidance
programmes
organized

6

Percentage of
students participated
in career guidance
programmes

50

33. Is there provision for campus placement?

Yes ▾

34. If yes to Qn. 32

Number of students
participated in
campus selection
programmes

237

Number of students
selected for
placement during the
year

104

.. Does gender sensitization program exist ?

Yes ⌄

36. If Answer is Yes to Qn 34

Number of
programmes
organized

1

37. Student activities

Number of students
participated in
external cultural
events

25

Number of prizes
won by students in
external cultural
events

3

Number of cultural
events conducted by
the institute for the
students

1

Number of students
participated in
international sports
and games events

0

Number of students
participated in
national level sports
and games events

6

Number of students
participated in state
level sports and
games events

8

Number of students
participated in
university level
sports and games
events

137

Number of prizes
won by students in
international sports
and games events

0

Number of prizes
won by students in
national level sports

6

.d games events

Number of prizes won by students in state level sports and games events

`8`

Number of prizes won by students in university level sports and games events

`18`

Number of sports and games events conducted by the institute for the students

`2`

38. Composition of students

Percentage of Scheduled Caste

`17`

Percentage of Scheduled Tribe

`3`

Percentage of other backward communities

`47`

Percentage of women students

`70`

Percentage of physically challenged

`1`

Percentage of rural students

`10`

Percentage of urban students

`90`

39. Scholarships and Financial Support

Number of students availing financial support from the institution

`912`

Amount disbursed as financial support from the institution

`4187552`

Number of students awarded scholarship from the institution

`760`

Number of students received notable national/international acheivements/recognition

```
6
```

40. Student initiatives

Number of community upliftment programmes initiated by students

```
8
```

Number of literary programmes initiated by students

```
4
```

Number of social action initiatives based on science / environment initiated by students

```
5
```

Number of student research initiatives

```
4
```

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Quality Sustenance and Development Survey

SECTION V

This section surveys the Governance and Innovation at the institution related to quality management. The educational management strategies adopted and in practice for acheiving the objectives are focussed.

41. Whether perspective plan for overall developmental activities is created ?

Yes

No

42. If the answer for Qn. 40 is Yes, is the plan implemented and monitored ?

Yes

No

43. Whether benchmarking is created for institutional quality management efforts ?

Yes

No

44. If the answer to Question 42 is Yes, please list the benchmarking in various areas of development in bullet format

• Organizing Conferences-02
• Research Publications-100
• Encouraging participation of Faculties in

45. Is a Management Information System (MIS) in place ?

Yes

No

46. If answer to question 44 is Yes, please provide details of MIS applied to
1. Administrative procedures including finance

Student admission

3. Student records

4. Evaluation and examination procedures

5. Research administration

6. Others

(enter the respective details corresponding to the serial numbers)

received for the project ⌃
Conferences/ Seminars/ Workshop participation is ⌄
encouraged through financial assistance

47. Existence of learning resource management

	Yes	No
e-database in library		
ICT and smartclass room		
e-learning sources (e-Books, e-Journals)		
Production of teaching modules		
Interactive learning facilities		

48. Internal resource mobilization : Kindly provide the amount contributed

Research	22950
Consultancy and training	0
Student contribution	0
Alumni contribution	90600
Wellwishers	651500

49. Infrastructure and welfare spending: Please specify the amount

Amount spent for infrastructure development	21460251
Amount spent for student welfare	37800
Amount spent for staff welfare	50000

. Is delegation of authority practiced

Yes

No

51. Does grievance redressal cell exist ?

	Yes	No
Faculty		
Students		
Staff		

52. Grievances received from faculty and resolved (Enter a number; 0 for nil)

Number of grievances received

| 4 |

Number of grievances resolved

| 4 |

53. Number of grievances received from students and resolved (Enter a number; 0 for nil)

Number of grievances received

| 10 |

Number of grievances resolved

| 10 |

54. Number of grievances received from other staff members and resolved (Enter a number; 0 for nil)

Number of grievances received

| 2 |

Number of grievances resolved

| 2 |

55. Has the institution conducted any SWOT analysis during the year

Yes

No

56. The SWOT analysis was done by internal or by external agency

Internal

External

. **Kindly provide three identified strengths from SWOT Analysis (in bullet format)**

> • Collaboration with Industries and National and
> International Research Institutions

58. Kindly provide three identified weaknesses from the SWOT analysis (in bullet format)

> pass- outs.
> • Less percentage of campus recruitment.

59. Kindly provide two opportunities identified from the SWOT analysis (in bullet format)

> • Remedial teaching to further enhance results
> • Student faculty exchange program

60. Kindly provide two identified challenges/threats from SWOT analysis (in bullet format)

> • Mushrooming of professional Engineering,
> Polytechnic and other colleges

61. Identify any significant progress made by the institution towards acheiving the goals and objectives during the year (list below in bullet format)

> • Well equipped Gym
> • Girls Hostel

62. How do you perceive the role of NAAC in the quality development of your institution (Suggestions in bullet format to be given below)

> • Overall Improvement of the Institution
> • Enhancement in research activities
> • Acknowledging the weaknesses