

**SREE NARAYANA COLLEGE**  
**SIVAGIRI, VARKALA**

**AQAR 2011-2012**

## AQAR 2011-2012

The higher education scenario in India has been showing appreciable changes by way of assuming more responsibilities in the areas of basic science, research and development. The impact of their positive change is being felt in the universities and colleges of Kerala also. Sree Narayana College, Sivagiri, Varkala has also assumed with renewed commitment, its responsibilities towards higher education and nation building. Sree Narayana College, Sivagiri, Varkala, which inaugurated in the year 1964, by Sri. R. Sankar, the then chief minister of Kerala, has been continuously displaying its commitment to quality education in the state.

The IQAC was reconstituted and its very first meeting itself, an action plan was chalked out, giving importance to all-round advancement of curricular and co-curricular activities in the campus. The IQAC and college council meetings were held regularly to assess and monitor implementation and progress of the action plan. A comprehensive documentation of the academic performance along with a SWOT analysis is presented in this Annual Quality Assessment Report for the year 2011-12.

*(All NAAC accredited institutions would submit an annual self reviewed report to NAAC, through its IQAC. The AQAR would detail the results of the perspective plan worked out by the IQAC.)*

### 1. Kindly provide the details of the institution

Name of Institution	Sree Narayana College
Year of Establishment	1964
Address Line 1	Sreenivasapuram P.O
Address Line 2	Varkala
City/Town	Thiruvananthapuram

State	Kerala
Postal code	695145
Email Address	<a href="mailto:sncsivagiri@yahoo.in">sncsivagiri@yahoo.in</a>

## 2. NAAC Accreditation / Reaccreditation Details

Year of Accreditation/Reaccreditation	2004
Current Grade	B+
Institutional Score	75

## 3. Institutional Status

Accredited B+ Grade
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## 4. Contact Person Details

Name of Head of Institution	Dr. M. Jeevanlal
Contact Phone	0471 2478383
Email	<a href="mailto:sncvpr@gmail.com">sncvpr@gmail.com</a>
Website URL	<a href="http://www.sncollegesivagiri.org">www.sncollegesivagiri.org</a>
Name of IQAC coordinator	Dr. K. Sudheesh Kumar
Email:	<a href="mailto:sudheeshk57@yahoo.com.in">sudheeshk57@yahoo.com.in</a>

## Section 1

*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.)	11
Post Graduate (MA, M.Sc/ M.Com, MSW etc.)	3
Research Programmes (M.Phil, PH.D)	1
Certificate Programmes	0
Professional Programmes (B.Tech, M.Tech/B.Ed/M.ED/Medicine/ Pharmacy /Paramedical /Nursing)	0
Other value added programmes	0
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 programmes designed	0
Programmes under revision	0
Interdepartmental collaborative programmes	0
Inter institutional collaborative programmes	0
Number of review committee Recommendations implemented (Total)	2
Number of NAAC peer team recommendations implemented	2
Number of UGC/ any other expert committee recommendations implemented	0
Number of review committee recommendation under implementation	0
Number of NAAC peer team recommendations	0

Under implementation	
Number of UGC/any other expert committee recommendations under implementation	0

### 7. Faculty Details

Total faculty strength required as per norms for all programmes	74
Total faculty on rolls	58
Faculty added during the year	10
Faculty positions vacant	6
Faculty left during the year	8
Total number of visiting faculty	0
Total number of guest Faculty	6

### 8. Qualification of Faculty

PhD and Above (PDF)	18
MPhil	38
Masters	74
Any other (Specify),MBA, MTech, B.Ed, PGDCA	23

### 9. Faculty qualification improvement

PhD awarded to existing faculty	1
MPhil awarded to existing Faculty	0
Any other degree awarded to existing faculty MBA	0

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

Administrative Staff (Total sanctioned )	29
Administrative Staff(Actual strength)	29
Added during the year of reporting	0
Left during the year	0
Number of posts vacant	0

**11. Technical support staff details(Enter a number,0 for nil)**

Technical support staff(Total sanctioned strength)	2
Technical support staff(Actual strength )	2
Added during the year	0
Left during the year	0
Number of posts vacant	0

**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) in line with the vision, mission and goals of the institution.*

**12. Establishment details**

Year of establishment of IQAC DD MM YYYY  
12 - 07 -2005

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

Number of IQAC members	12
Number of Alumni in IQAC	1
Number of students in IQAC	2
Number of Faculty in IQAC	5
Number of administrative Staff in IQAC	1
Number of Technical Staff in IQAC	0
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 IQAC formulated for the academic year**

Yes

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

Number of academic programmes proposed	2
Number of value added programmes proposed	1
Number of skill oriented programmes proposed	1
Number of faculty competency and	1

development programmes proposed.	
Number of other staff development programmes proposed	<b>0</b>
Number of student mentoring programmes proposed	<b>2</b>
Number of cocurricular activities proposed	<b>3</b>
Number of inter departmental cooperative schemes proposed	<b>1</b>
Number of community extension programmes proposed	<b>2</b>
Any other programmes proposed (Specify)	<b>0</b>

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

Number of academic programmes implemented	<b>0</b>
Number of value added programmes implemented	<b>1</b>
Number of skill oriented programmes implemented	<b>1</b>
Number of faculty competency and development programmes implemented	<b>1</b>
Number of student mentoring programmes implemented	<b>2</b>
Number of co-curricular activities implemented	<b>2</b>
Number of inter departmental cooperative programmes implemented	<b>1</b>
Number of community extension programmes implemented	<b>2</b>
Any other programmes suggested that are implemented( specify)	<b>0</b>

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

Number of seminars /conferences/workshops organized by IQAC within the institution	<b>8</b>
Number of participants from the institution	<b>67</b>



Number of participants from outside	<b>38</b>
Number of external experts invited	<b>20</b>
Number of external conferences/seminars/workshops on institutional quality attended	<b>4</b>
Number of events conducted with IQACs of other institutions as collaborative programmes	<b>0</b>

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

**N0**

**19. If the response to Qn.19 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) from students, IQAC	<b>NA</b>
Amount received from UGC	<b>NA</b>
Amount received from any other source including the college management	<b>NA</b>

**21. Any significant contribution made by IQAC on quality enhancement during current year (Please provide details in bullet format)**

- Ensure highest level of clarity and focus in institutional functioning towards quality enhancement
- Ensure quality culture
- Ensure enhancement and coordination among various activities of the institution and institutionalize all good practices
- Provide a sound basis for decision making to improve institutional functioning
- Act as a dynamic system for quality changes in college.

- Build an organized methodology of documentation and internal communication

### 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 programs developed or designed by faculty	0
Number of faculty members involved in curriculum restructuring/revision/syllabus development	7
Number of programs in which evaluation process reformation taken up and implemented	0
Number of active teaching days during the current academic year	197
Average percentage of attendance of students	89
Percentage of classes engaged by guest faculty and temporary scholars	8%
Number of self financed programmes offered	0
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 23 is yes)**

Percentage of courses

100%
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where student feedback is taken

**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	0
Number of minor research projects undertaken during the year	0
Number of major ongoing projects	0
Number of minor ongoing projects	0
Number of major projects completed	0
Number of minor projects completed	0
Number of major project proposals submitted for external funding	0
Number of minor project proposals submitted for external funding	1
Number of research publications in peer reviewed journals	2
Number of research publications in international peer reviewed journals	2
Number of research publications in national peer reviewed journals	0
Number of research papers accepted for publication in international peer reviewed journals	0
Number of research papers accepted for publication in national peer reviewed	0

journals	
Average impact factor of publications reported	0
Number of books published	1
Number of edited books published	1
Number of books(single authored) published	0
Number of books (coauthored) published	1
Number of conferences attended	27
Number of international conferences attended	4
Number of national conferences attended	14
Number of papers presented in conferences	8
Number of papers presented in international conferences	1
Number of papers presented in national conferences	4
Number of conferences organized by the institution	7
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	0
Number of collaborations with international institutions	0
Number of collaborations with national institutions	5
Number of linkages created during the year	3
Total budget of research for current year as a percentage of total institution budget	10%
Amount of external research funding received in the year	25000/-
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	0
Number of PhDs awarded during the year	1
Percentage of faculty members invited as external experts/resource persons/reviewers/referees or Any other significant research activities	11

## 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)	1704
Actual enrollment during the year	570
Success percentage in the final examination across the courses	85.5%
Number of academic distinctions in the final examination and percentage	24.9
Number of students who got admitted to institutions of national importance.	12
Number of students admitted to institutions abroad	0
Number of students qualified in UGC NET/SET	8

Number of students qualified GATE/CAT/Other examinations (Specify)	1
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**28. Does student support mechanism exist for coaching for competitive examinations?**

Yes

**29. Student participation, if response is yes to Qn.28**

Number of students participated

**30. Does student counseling and guidance service exist? Yes**

31. Student participation , if answer to Qn.30 is Yes

Number of students participated

**32. Career Guidance**

Number of career guidance programmed organized	3
Percentage of students participated in career guidance programmes	100

**33. Is there provision for campus placement?**

Yes

**34. If yes to Qn.33**

Number of students participated in campus selection programmes

Number of students selected for placement during the year

**35. Does gender sensitization program exist?**

## Yes

### 36. If answer is Yes to Qn.35

Number of programmes organized

2

### 37. Student Activities

Number of students participated in external cultural events

20

Number of prizes won by students in external cultural events

1

Number of cultural events conducted by the institute for the students

9

Number of students participated in international sports and games events

0

Number of students participated in national level sports and games events

8

Number of students participated in state level sports and games events

9

Number of students participated in university level, sports and games events

4

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

0

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

0

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

2

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

1

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

9

### 38. Composition of students

Percentage of scheduled caste

20%

Percentage of scheduled tribe

0%

Percentage of other backward communities

55.05%

Percentage of women students

71.8%

Percentage of Physically challenged

0.8%

Percentage of rural students

89.9%

Percentage of urban students

### 39. Scholarships and Financial Support

Number of students availing financial support from the institution

Amount disbursed as financial support from the institution

Number of students awarded scholarships/prizes from the institutions

Number of students received notable national/international achievements/ recognition.

### 40. Student initiatives

Number of community upliftment programmes initiated by students

Number of literary programmed initiated by students

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

Number of student research initiatives

### 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 achieving the objectives are focused.*

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

**Yes**

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

**Yes**

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

**Yes**

**44. If the answer to question 43 is Yes, please list the benchmarking in various areas of development in bullet format**



- Teacher evaluation by students
- Student evaluation by teachers on the basis of
  - Attendance
  - Classroom performance
  - Seminar presentations
  - Assignments
  - University examination
- Project evaluation
- Result Analysis

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

Yes

**46. If answer to question 45 is Yes, please provide details of MIS applied to**

- Website
- Centralised admission procedure
- Computerised payroll system
- Computerised student records

**47. Existence of learning resource management (Yes/No)**

E database in library	Yes
ICT and smart class room	Yes
E learning sources (eBooks,eJournals)	Yes
Production of teaching Modules	Yes
Interactive learning Facilities	Yes

**48. Internal resource mobilization: Kindly provide the amount contributed**

Research	50,000
Consultancy and training	18,000

Student Contribution	1,00,000
Alumni Contribution	1,00,000
Well-wishers- Staff	1,25,000

**49. Infrastructure and welfare spending: Please specify the amount**

Amount spent for infrastructure development	30,00,000
Amount spent for student welfare	52,000
Amount spent for staff welfare	12,500

**50. Is delegation of authority practiced?**

**Yes**

**51. Does grievance redressal cell exist?**

Faculty	Yes
Students	Yes
Staff	Yes

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

Number of grievances received	2
Number of grievances resolved	2

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

Number of grievances received	8
Number of grievances resolved	8

**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

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

Internal

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

- The students, teachers and the ministerial staff evolved as an integrated system with a better understanding of the functioning of the semester system which was introduced in the previous year. In the functioning of the college as per the norms and conditions of the semester system could be achieved. Appreciable efficiency
- Online admission procedures attracted good quality students to the college based on their preferences of subject and college.
- As in the previous year's excellent infrastructure facility, sufficient and well qualified teaching and research faculty, peaceful campus atmosphere and good understanding with respect to management, students, PTA and RDC.

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

- Lack of conveyance facility especially accents of a college bus.
- Lack of an interrupted power supply without serious voltage fluctuations as a major support to project and research work.

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

- The newly inducted assistant professors have opened up much wider academic ambiance for teaching learning and research processes in the college.
- The importance given to club activities and open courses has created a platform for the nurturing of diversified creative talents among students.

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

- Time constraint as a result of the restructured schedules due to the introduction of the semester system.
- Over enthusiasm of students to join engineering and similar professional courses disregarding the opportunities in the study of basic science.

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

**Dept. Of Chemistry:-**

- One-day workshop in Space Applications of Polymeric Materials.
- Dr. R. Mohankumar and Dr. C.R. Kalakumari participated in a National Workshop on Microscale Experiments in Chemistry held at M.G. College, Tvm on 24.8.2011 and 25.8.2011.
- R. Biju participated in a National Conference on Space Transportation Systems : Opportunities and Challenges held at VSSC, Tvm on 16.12.2011 to 18.12.2011 and presented paper.
- R. Biju, K.S. Santhosh Kumar, R.S. Rajeev, S. Bhuvaneshwari, C.P. Reghunadhan Nair, 'Shape memory polymers and elastic memory composite based on cyanate ester-epoxy system for Space-deployable mechanism'.

- R. Biju participated in an International Conference on Functional Polymers organized jointly by the Department of Chemistry of NIT Calicut and VSSC on 28.1.2011 to 30.1.2011.
- From January 28 to 30 at NIT Calicut presented paper ‘Synthesis and Characterisation of Shape memory bismaleimide resins’.
- R. Baiju participated in a National Workshop on ‘Advance in Organic synteshis and its application in Drug Discovery’ conducted by CSIR OSDD-ACT at NIST, Thiruvananthapuram on 21.7.2012 and 22.7.2012.
- Dept. of Chemistry has an ongoing collaborative research programme (started in 2006) with the Dept. of Chemistry, College of William and Mary P.O Box 8795, Williamsburg, VA 23187-8795, USA. The collaboration is between VS Thampi Das, Assoc. Prof. and Prof. Robert D Dike of Dept. of Chemistry, College of William and Mary, in the field of X-Ray crystallography of small molecules newly synthesized in the Dept. and combined publication of the results.

#### **Dept. of Zoology :-**

- International workshop – Small mammal field techniques. Training held at College of Forestry, Kerala Agricultural University, Thrissur, Kerala, India, organized by CCINSA, RISCINSA, Zoo Outreach Organization, Wildlife Information Liasison Development of India, hosted by College of Forestry, Kerala Agricultural University, Thrissur Kerala and sponsored by Chester zoo, UK Safari park, UK; Columbus zoo, USA, Conservation breeding specialist group, USA from 10-14 Nov, 2011.

- XI All India Conference on Cytology and Genetics, 23<sup>rd</sup> and 25<sup>th</sup> January, 2012, organized by Dept. of Molecular Biology and Society of Cytologists and Geneticists, Bangalore University, Jnanabharathi.
- National seminar on recent trends on 'Future prospects of Biodiversity and Conservation', 15<sup>th</sup> and 16<sup>th</sup> March, 2012 organized by Dept. of Botany and Zoology, SN College, Punalur.
- Cytotaxonomy of the tribe Eupatorieae from South India. 23 – 25 Jan, 2012. XI All India Conference on Cytology and Genetics, organized by Dept. of Molecular Biology and Society of Cytologists and Geneticists, Bangalore University, Jnanabharathi.
- Dr.N.Ajithkumar, Assoc. Prof, M.G. College interacted with students on 'The buried folklore'.
- Smt. S. Preetha and Sri. Syamlal participated in the 3-day National seminar on LATEX Programming organized by Dept. of Mathematics, All Saints College, Tvm from 11.1.2012 to 13.1.2012.
- Smt. Dhanya Nair R participated in the National seminar on Methodology of Science with special emphasis on 'Python Learning' conducted by Dept. of Mathematics, Govt. Arts and Science College, Kanjiramkulam from 25.8.2011 to 26.8.2011.
- Smt. Dhanya Nair R participated in the National conference on Statistics for 21<sup>st</sup> Century conducted by Dept. of Statistics, University of Kerala from 10.12.2012 to 12.12.2012.

### **2011-2012 Publications :-**

- Dr. V. Anitha – ‘Production conditions, trade and development case of Black pepper and cardamom(2012)’, report, Centre for Development Studies, Thiruvananthapuram, Kerala.
- Dr. V. Anitha – ‘Performance of Education loan : a case study of Kerala (2012)’, proceedings of the National Conference on enjoying trends in management towards sustainable development ..... P.S. Valarmathy, et al. organized by School management studies Vel Tech, Dr. R. R. and Dr. S. R Technical University, Avadi, Chennai (12<sup>th</sup> & 13<sup>th</sup> Sept 2012) Allied publishers pvt.ltd. ISBN : 978 – 81 – 8424 – 794 – 7

### **Edited Works :-**

- Dr. V. Anitha Cost of treatment : A study based on medical pluralism (2011), Health and Development, The millenium perspective, Edt. By K. Gangadharan, Rawat publications, Jaipur.

### **Papers presented :-**

1. Dr. G. Geetha – presented a paper on ‘A comprehensive approach to human rights’ in the 2-day seminar on human rights violations by the police – The Kerala experience’ sponsored by the institute of Parliamentary Affairs Govt. of Kerala and organized by S.N. College, Alathur, Palakkad on 6<sup>th</sup> and 7<sup>th</sup> Jan 2012.
2. Dr. Jerry Alwin presented paper ‘Women professionals and their status’ on 2 that U.G.C National Seminar on Women empowerment held at Dept. of Economics and Applied Economics Sri Krishnadevarayya University, Ananthapuri n 28 – 29 March, 2012.

### **Publication :-**

Dr. Jerry Alwin – ‘Trends in revenue expenditure of Kerala’ ISDA Journal ISS N0971 – 2550, vol. 22, no. 11, Oct – Dec 2012.

### **Workshop and seminar organized by members of the faculty :-**

1. Prof. Suchitra Devi – coordinator of 3 day U.G.C sponsored National workshop on Research .... And new methods in social science research on 21 – 23 July 2011.  
Sports participated in state-level Boxing championship.
2. **Ananthu ( IMA) Gold medalist in district level Boxing championship and he won gold medal in Inter-collegiate Boxing championship and selected in University level.**

**62. How do you perceive the role of NAAC in the quality development of your institution?**

**(Suggestions in bullet format to be given below)**

- The growth and current position the college has attained in these years through curricular and extra-curricular activities
- Criticize ourselves and leap forward by taking steps to overcome the limitations
- Suggestions to improve the academic quality of faculty
- Well-defined documentation of all activities within the institution
- Keeping the internal and external environment of the institution clean and hygienic
- Develop a social commitment within the minds of both faculty and students
- An urge to do social reformation activities to uplift the educationally and financially backward people
- Knowledge about the actions to be taken to achieve overall personality development of students



## **Concluding Remarks**

The 2011-12 academic year has shown appreciable achievements in the university exam results. The campus was peaceful and dynamic. All the best practices of the previous year could be continued this year also. More books were added to the general library, and all the research journals of the previous year were subscribed this year also. IQAC recommendations for the year could be fully implemented. There was very good co-ordination of the management, teachers, students and administrative staff.