

तमसो मा ज्योतिर्गमय

**S.T. CO-OP EDUCATION SOCIETY'S
SCIENCE SR. COLLEGE, SHAHADA DIST: NANDURBAR**

**Academic Administrative Audit Report
As per Maharashtra Public Universities Act, 2016
(Mah. Act. No. VI of 2017 u/s 117)**

*Name of College : S.T. Co-Op Education Society's,
Science Sr. College, Shahada*

*(With full address) Kai Dr. Vishram Kaka
Shaykshanic Sankul Dondaicha
Road, Shahada Dist: Nandurbar*

Year of Academic Audit (Internal): 2016 - 2017

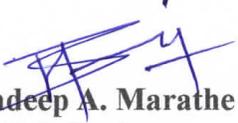
CERTIFICATE

Academic and Administrative Audit (Internal)

Certificate

Academic Year 2016-2017

This is to certify that S.T.Co.Op Education Society's Ltd, Science Sr. College Shahada Dist: Nandurbar has good educational climates are created for quality enhancement programme every physical ,research ,cultural programme are regularly conducted, for this appreciable work Academic and Administrative Audit (Internal) Committee appreciate for this initiative work we truly satisfied and successfully completed Academic and Administrative Audit (Internal) with moral support of principal, teaching and non-teaching staff for academic year 2016-2017.
Thanking You..!


Dr. Sandeep A. Marathe
Principal

S.T. Co-op. Education Society Ltd.
Science Senior College, Shahada

Chairman

AAA Internal Committee

PRINCIPAL

S.T.Co.op.Edu.Society's Ltd.
Science Sr.College
Shahada,Dist.Nandurbar


Asst. Prof. Asha R. Patil
IQAC Head
S.T. Co-op. Education Society Ltd.
Science Senior College, Shahada

Member

AAA Internal Committee

Member

AAA Committee

Place: Shahada

Date: - 30/03/2017




Hon. Mr. A. K. Patel
IQAC Member
Management Representative
S.T. Co-op. Education Society Ltd.

Member

AAA Internal, Committee

Member

AAA Committee

ACADEMIC AND ADMINISTRATIVE AUDIT OF THE DEPARTMENT
(Provide information for 2016-17)

Name of the Departments: Computer Science, Biotechnology, Chemistry.

- 1. Year of establishment: 22 June 2001**
- 2. Courses offered: UG, PG,**
- 3. Courses introduced during last five years:**

Year	2013-14	2014-15	2015-16	2016-17	2017-18
UG	B.Sc Computer B.Sc Biotechnology	B.Sc Computer B.Sc Biotechnology	B.Sc Computer B.Sc Biotechnology B.Sc Chemistry	B.Sc Computer B.Sc Biotechnology B.Sc Chemistry	B.Sc Computer B.Sc Biotechnology B.Sc Chemistry
PG	None	M.Sc Computer	M.Sc Computer	M.Sc Computer	M.Sc Computer

- 4. Does the department have Academic flexibility? If yes since when?**

Yes, from establishments of College.

- 5. Interdisciplinary programs offered and departments involved: No**

- 6. Courses conducted in collaboration with other universities and Institutions: No**

- 7. Details of programmes discontinued, if any, with reasons: No**

- 8. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:**

Semester System

- 9. Participation of the department in the curriculum development for courses offered by the Departments.**

Sr.No	Name of Faculty	Class	Participated /Contributed as BOS/ Sub-Committee member	Date of Workshop	Organizer
Computer Science					
1	Asha Rajaram Patil	M.Sc.(CS & IT)	Participated	2 nd Mar 2017	B.P. Arts, S.M.A. Science & K.K.C. Commerce College, Chalisgaon in Association with NMU, Jalgaon

2	Dipak Suresh Patil	M.Sc.(CS & IT)	Participated	2 nd Mar 2017	B.P. Arts, S.M.A. Science & K.K.C. Commerce College, Chalisgaon in Association with NMU, Jalgaon
3	Gayatri P. Patil	M.Sc.(CS & IT)	Participated	2 nd Mar 2017	B.P. Arts, S.M.A. Science & K.K.C. Commerce College, Chalisgaon in Association with NMU, Jalgaon
4	Dipak Suresh Patil	T. Y.B.Sc.(CS & IT)	Participated	4 th Feb 2017	Smt. G.G. Khadse College, Muktainagar Dist-Jalgaon in Association with NMU, Jalgaon
5	Sonali Motilal Patil	T. Y.B.Sc.(CS & IT)	Participated	4 th Feb 2017	Smt. G.G. Khadse College, Muktainagar Dist-Jalgaon in Association with NMU, Jalgaon
6	Asha Rajaram Patil	F. Y.B.Sc.(CS & IT)	Participated	4 th Apr 2017	SPDM Arts, Commerce and Science College, Shirpur Dist-Dhule in Association with NMU, Jalgaon
7	Dipak Suresh Patil	F. Y.B.Sc.(CS & IT)	Participated	4 th Apr 2017	SPDM Arts, Commerce and Science College, Shirpur Dist-Dhule in Association with NMU, Jalgaon
8	Bhagyashri Bhangale	F. Y.B.Sc.(CS & IT)	Participated	4 th Apr 2017	SPDM Arts, Commerce and Science College, Shirpur Dist-Dhule in Association with NMU, Jalgaon
9	Dr. Sandeep A. Marathe	T. Y.Bsc (Envior, Biotechnology)	Participated	5 th Feb 2014	SSVPS Late. Karmveer Dr. P.R.Ghogare Science College, Dhulia
10	Asst. Prof Rajshri J. Valvi	T. Y.Bsc (Envior, Biotechnology)	Participated	23 rd Feb 2017	R. C. Patel Art, Commarce And Science College, Shirpur.
11	Sachin P Patil	TYBSc Chemistry	Participated	25 th Feb 2017	PSGVP Mandal's Arts, Commerce & Science College, Shahada in association with NMU, Jalgaon.
12	Lalita A. Patil	TYBSc Chemistry	Participated	25 th Feb 2017	PSGVP Mandal's Arts, Commerce & Science College, Shahada in association with NMU, Jalgaon.

10. Information about course having focus on employability/entrepreneurship and skill development.

Response:

1) **Computer Science** is one of the course is play an important role in student life. After completion of this course maximum student join MNC in IT field and also open his/her institute in peripheral area. Computer Science students also got job in education field, banking field etc.

2) **Biotechnology and Chemistry** courses are responsible for many of the things that make our lives better. The Biotechnology field focus on the biology and technology, it is important for to development in agriculture sector. Where the chemistry course offered the job and gives opportunity for employability to the students in corporate sector mainly pharmaceuticals industry, chemical industry etc. The novel concept green chemistry is valuable for agriculture sector.

12. Number of value added courses imparting transferable and life skills offered during last five year.

2016-17	2017-18	2018-19
11	11	11

13. Does department access the learning level of the students, after admission and organize Special program for advance learners and slow learners?

YES. In this year 444 students are enrolled as slow and advance learner category

14. Provide information about differently labeled students and facilities available for them.

Differently able students Name	Criteria of differently able students	Physical Facilities
Nil	Nil	College provide for such type of student like Ramp, Wheel Chair, and specific facilities in toilet for this students

15. Number of teaching posts sanctioned, filled and vacant.

Designation	Sanctioned	Filled	Filled under CAS
Professor			
Associate Professor			
Assistant Professor	29	06	
Others(CHB)		23	
Total	29	29	

16. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Academic Year	Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
2016-17	1.Asha R.Patil	HOD	Msc Computer	09	CHB with full time
	2.Dr.Sandeep A.Marathe	HOD	MSc,Biotechnology PhD	4	Approved(permanent)
	3.Dr.Deepali M.Gawande	HOD.	MSc,Zoology PhD	6	Approved(permanent)
	4.Sachin Prakash Patil	HOD	Msc Chemistry SET,NET	6	Approved(permanent)
	5.Sonali M.Patil	Assit.Prof	Msc Computer NET	2.6	Approved
	7.Gayatri P.Patil	Assit.Prof	M.C.A.	7	CHB with full time
	8.Pravin P.Patil	Assit.Prof	Msc Computer	1	CHB with full time
	9.Kalyani C.Patil	Assit.Prof	Msc Computer	1	CHB with full time
	10.Hemangi R.Patil	Assit.Prof	Msc Computer	2	CHB with full time
	11.Pravin P.Patil	Assit.Prof	Msc Computer	1	CHB with full time
	12.Gayatri P.Patil	Assit.Prof	M.C.A.	8	CHB with full time
	13.Harshal P. Khairnar	Assit.Prof	Msc Physics,B.Ed	3	CHB with full time
	14.Umesh D.Patil	Assit.Prof	Msc Physics,B.Ed	1	CHB with full time
	15.Anil R.Jagdale	Assit.Prof	Msc Physics,B.Ed	10	CHB with full time
	16.Nayana K.Kulkarni	Assit.Prof	Msc Electronics, B.Ed,SET	7	Approved

	17.Purushottam N. Chaudhari	Assit.Prof	Msc Math,B.Ed	5	CHB with full time
	18.Namita Girase	Assit.Prof	Msc Math,B.Ed	1	CHB with full time
	19.Vaishali R.Mahale	Assit.Prof	Msc Biotechnology	3	CHB with full time
	20.Savita B.Patil	Assit.Prof	Msc Biotechnology	3	CHB with full time
	21.Monika A.Wankhede	Assit.Prof	Msc B.Ed.Math	3	CHB with full time
	22.Monali R.Chavan	Assit.Prof	Msc Biotechnology	6 Month	CHB with full time
	23.Nishigandha V.Vasaikar	Assit.Prof	Msc Botany	3	CHB with full time
	24.Lalita A.Patil	Assit.Prof	Msc Chemistry	3	CHB with full time
	24.Rajashri J.Valvi	Assit.Prof	Msc Biotechnology	1	CHB with full time
	25.Pallavi A. Rathi	Assit.Prof	M.C.A	1	CHB with full time
	26.Vivek N.Borase	Assit.Prof	Msc B.Ed.Chemistry	1	CHB with full time
	27.Ashwini D.Desale	Assit.Prof	Msc B.Ed.Chemistry	1	CHB with full time
	28.Chandravilas R.Birhade	Assit.Prof	M.A Marathi	1	CHB with full time
	29.Ravindra G.Khedkar	Assit.Prof	M.C.A	10	CHB with full time

a) Appointed on Government Sanctioned Post.

Name	Designation	Qualifications	Teaching/Research Experience	Nature of appointment
Nayana K.Kulkarni	Asst.Prof	Msc (Electronics) SET	8	Approved(permanent)
Dr.Sandeep A.Marathe	Asst.Prof.	MSc,Biotechnology PhD	4	Approved(permanent)
Dr.Deepali M.Gawande	Asst.Prof.	MSc,Zoology PhD	6	Approved(permanent)
Sonali M.Patil	Asst.Prof	Msc Computer SET,NET	2	Approved(permanent)
Sachin Prakash Patil	Asst.Prof	Msc Chemistry SET,NET	6	Approved(permanent)
Dipak S Patil	Asst.Prof	Msc Computer SET,	2	Approved(permanent)

b) Appointed from University Fund.

Name	Designation	Qualifications	Teaching/Research Experience	Nature of appointment,.
NIL				

c) Other appointments such as teaching associates:-

17. Details of distinguishes Professors/Visiting Fellows/Guest Lectures, Adjunct and Emeritus Professors.

NIL

18. Percentage of classes taken by temporary/visiting faculty (programme- wise information):

UG	Percentage of Classes Temporary/ Visiting Faculty		PG	
	Temporary	Visiting	Temporary	Visiting
FYBSC	NIL	NIL	NIL	NIL
SYBSC	NIL	2(Marathi and English)	NIL	NIL
TYBSC Computer	NIL			

19. Programme-wise Student Teacher Ratio: (Average of Years 2016-17)

Year	FYBSC	SYBSC	TYBSC	M.Sc I	M.Sc II
2016-17	170 Students 19 Teachers	153 Students 16 Teachers	121 Students 13 Teachers	29 Students 4 Teachers	22 Students 4 Teachers
Ratio	9:1	10:1	10:1	7:1	6:1

20. Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:

a. Filled under grant -in-aid and

Sr. No.	Posts	Sanctioned posts	Filled	Actual
1	Laboratory Assistant	—	—	—
2	Clerk (office)	—	—	—
3	Laboratory Attendant	—	—	—
4	Peon	—	—	—
5	Other	—	—	—

b. Filled from university funds

Sr. No.	Posts	Sanctioned posts	Filled	Actual
1	Laboratory Assistant	—	—	—
2	Clerk (office)	—	—	—
3	Laboratory Attendant	—	—	—
4	Peon	—	—	—
5	Other	—	—	—

C. Filled from Management.

Sr. No.	Posts	Sanctioned posts	Filled
1	Laboratory Assistant	01	00
2	Clerk (office)	03	02
3	Laboratory Attendant	04	04
4	Peon	03	02
5	Other	NIL	NIL

21. Thrust areas of research as identified by the department:

In our computer Science, Biotechnology and Chemistry departments maximum faculties are eligible for in teaching post but crises in research work is not fulfill. Our departments thrust area for research because every faculty do the smart work and think research oriented, every one think being about research work young one also the many opportunities in our departments for this area.

22. Does the department have well defined policy for promotion of research and available on website.

Yes, our departments define important policy for promotion in research every year. Departments head and faculty members maximum participated in AVISHKAR which is junior research activity organized by university. The faculties members are also present their research papers in conferences. At that time other faculty members conduct lecture and practical session in department to promote the faculty members towards research. The senior faculty member share their conference and AVISHKAR experience and inspire the next one.

23. Information about research grants, projects completed and ongoing during the period of last 4 years

a) From National funding agencies (like UGC, CSIR, DST, DBT etc):

Sr. No.	Name of the Principle Investigator (C0-investigator)	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
NIL					

b) From International funding agencies:

Sr. No.	Name of the Principle Investigator (C0-	Title of the Project	Funding Agency, Duration & date of	Amount (in Lacs)	Remarks if any
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investigator)	sanction		
NIL			

24. Funds received at Departmental level through DST-FIST; CSIR, UGC-SAP/CAS, DAE, DBT, BRNS, ICSSR, AICTE, etc

Scheme and Funding Agency	Non- Recurring	Recurring	Project Fellow	Total
NIL				

25. Research facilities available in the department and recognition received, if any?
NIL

26. Number of teachers awarded international fellowship for advanced studies /Research.
NIL

27. Number of JRF, SRF and other research fellows working in department.

Sr. No.	Name of the guide	Name of JRF	Name of SRF	Topic of research	Date of Admission	Funding Agency
NIL						

28. Number of Post Doctoral, Research Associates working in department.

Sr. No.	Name of the Supervisor	Name of Post Doctoral Fellow	Name of Research Associates	Topic of research	Date of work(From - to)
NIL					

29. Publications:

Year	Papers published in peer reviewed journals	Monographs, Books, Chapters in books	Citations	h-index	Impact range/Average Impact factor
2016-17	-----	2(AshaPatil) 1(Anil Patil) Total=3	-----	-----	-----

30. Details of patents filed & granted and income generated:
NONE

31. Revenue generated from corporate training by the department.
NONE

32. Consultancy services provided, name of the teacher/s and income generated:

Sr. No.	Year	Name of the teacher	Nature of consultancy	Funds generated (In Lakh)
				NIL

33. Number of linkage developed with Institutional/Industries for Internship, on the job training, project work, sharing of research facility etc.

NIL

34. Details of Functional MOUs with Institutions of National, International ,Importance other universities and industries.

NGO.	National	International	Industries	University
				None

35. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

NIL

36. Details of teachers participated in Refresher courses, Orientation courses, Short Term Course and Faculty Development Programs.

Sr.No	Name Of Faculty	Refresher courses	Orientation courses	Short Term Course	Faculty Development Programs
					NIL

37.Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.(participant, presented paper, chaired the session)

Sr. No.	Name of Faculty	University/State/ National/ International	Participated/ Presented Research Paper Title	Date of Workshop	Organizer
7	Asha Rajaram Patil	University Level Workshop on "On Screen Evaluation"	Participated	29 th Sept 2016	PSGVP's Arts, Science & Commerce College Shahada Dist-Nandurbar
8	Dipak Suresh Patil	University Level Workshop on "On Screen Evaluation"	Participated	29 th Sept 2016	PSGVP's Arts, Science & Commerce College Shahada Dist-Nandurbar
9	Sonali Motilal Patil	University Level Workshop on "On Screen Evaluation"	Participated	29 th Sept 2016	PSGVP's Arts, Science & Commerce College Shahada Dist-Nandurbar
10	Asha Rajaram Patil	National Conference on Emerging Trends in Computer & Information Technology	Presented Research Paper on "Study of Noise & Filter in Image Restoration using MATLAB"	14-15 Oct 2016	Bhusawal Arts, Science and P.O. Nahata Commerce College, Bhusawal
11	Dipak Suresh Patil	National Seminar on Curriculum Planning and Implementation	Participated	17 th Jan 2017	Late Dr.P.R.Ghogrey SSVPS's Science Senior College, Dhule
12	Asha Rajaram Patil	National Conference on Recent Research Trend in Computer Science, Engineering and Management	Presented Research Paper on "Detection of Plant Diseases using Image Processing Tools- A	11 th Mar 2017	Pratap College, Amalner Dist-Jalgaon

			Overview "		
13	Dipak Suresh Patil	National Conference on Advances in Computing (NCAC-2017)	Presented "Software as a Service: Architecture, Issues, Challenges, Benefits and Vendors"	24-25 Mar 2017	School of Computer Sciences, NMU Jalgaon
14	Dr.Deepali M.Gawande	National Level Seminar on Recent Advances in Novel Drug Carrier System	Participated	5-Oct-2016	P.S.G.V.P.Mandal College of Pharmacy Shahada

38. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (give details)

Sr.No	Name Of Faculty	University level	State level	National level	International level
NIL					

39. Details of teachers appointed/nominated on Editorial Boards at university, state, national and international levels.

NIL

40. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

NIL

41. Awards and Prizes received by students at university, state, national and international level:

Sr.No	Student Name	University	State	National	International
1	Aloni Vinita	-	Aim's State Level	-	-
2	Chavan Prakash A.	-	Aim's State Level	-	-

38. Details of Seminars/ Conferences/Workshops organized at university, state, national and international level and the source of funding with details:

Name of Conference/ Seminars / Workshops	Funding agency	No. of Participants	University/State/National/ International	Dates
NIL				

39. Programme-wise Student profile for academic year 2016-17.

UG/PG	Seats Available	No. of students Admitted		Total	Year
		Male	Female		
F.Y.BSc	220	94	76	170	2016-17
S.Y.BSc	120	75	78	153	2016-17
T.Y.BSc	120	33	88	121	2016-17
MSc I	30	9	20	29	2016-17
MSc II	30	4	18	22	2016-17

40. Year-wise results of students at UG and PG for academic years 2016-17:

UG/PG	Year	Appeared	Passed	Division (%)				Fail
				D O	I A	II B	ATKT C	
F.Y.BSc	2016-17	170	78.25	1.17	18.52	7.1	51.16	21.75
S.Y.BSc	2016-17	153	43.14	2.61	9.15	4.57	26.79	56.86
T.Y.BSc	2016-17	121	44.63	9.91	31.40	30.30	00	55.37
MSc I	2016-17	21	23.80	00	23.80	00	00	00
MSc II	2016-17	24	20.82	4.16	16.66	00	00	79.17

41. Information about M. Phil. programme:

Year	Applications Received	No. of students admitted	Male	Female	Total
NIL					

42. Information about Ph. D. programme :

Year	Applications Received	No. of students admitted	Male	Female	Total
NIL					

43. Number of students awarded M.Phil., PhD ,Degree :

Year	M.Phil	Ph.D.	Male	Female	Total
NIL					

44. Diversity of Students : (Year-wise)

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG		-	-	-
PG		-	-	-
M.Phil	NIL			
Ph. D.	NIL			

45. Number of students cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data.

Year	MPSC/UPSC	NET/ SET	GATE	Other Exams	Total
NIL					

46. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

Year	% proceeded for higher studies		% of students placed
	UG to PG	PG to Ph.D./ M.Phil	
2016-17	46	NIL	NIL

47. Diversity of Faculty:

Teaching faculty	2016-17	2017-18
from the same university	20	08
from other universities within the State	6	NIL
from other States	1	NIL
from outside the country	NIL	NIL

48. Number of faculty who were awarded M.Phil, Ph.D., D.Sc. / D.Lit.: NIL

Assit.Prof Asha R.Patil Perusing PhD from March 2015

49. Present details of departmental infrastructural & other facilities with regard to

- a) Central Library Books and Journals, etc, relevant to Department: NIL
 b) Departmental Library (books, journals etc.) : NIL
 c) Computers and Internet facilities for staff : 06
 d) Total number of class rooms : 12
 e) Class rooms with ICT facility : 5
 f) Students' laboratory : 07
 g) Research laboratories : Yes
 h) Seminar Hall : 1
 i) Smart class room : None
 j) Any other facility LCDs, : In Lab Projector is available

50. List of post-doctoral students and Research Associates**a) Post-doctoral Students:**

Sr. No.	Name of the Faculty	Post-doctoral Students	Research Topic
NIL			

b) Research Associates

Sr. No.	Name of the Faculty	Research Associates	Research Topic
NIL			

51. Number of post graduate students getting financial assistance from the university/state / central government

NIL

52. Curricular Aspects:**a) Does the faculty take initiative in curriculum development process?**

Yes, faculty member are participated in reconstruction of syllabus process.

1	Asha Rajaram Patil	M.Sc.(CS & IT)	Participated	2 nd Mar 2017	B.P. Arts, S.M.A. Science & K.K.C. Commerce College, Chalisgaon in Association with NMU, Jalgaon
2	Dipak Suresh Patil	M.Sc.(CS & IT)	Participated	2 nd Mar 2017	B.P. Arts, S.M.A. Science & K.K.C. Commerce College,

					Chalisgaon in Association with NMU, Jalgaon
3	Gayatri P. Patil	M.Sc.(CS & IT)	Participated	2 nd Mar 2017	B.P. Arts, S.M.A. Science & K.K.C. Commerce College, Chalisgaon in Association with NMU, Jalgaon
4	Dipak Suresh Patil	T.Y.B.Sc.(CS & IT)	Participated	4 th Feb 2017	Smt. G.G. Khadse College, Muktainagar Dist-Jalgaon in Association with NMU, Jalgaon
5	Sonali Motilal Patil	T.Y.B.Sc.(CS & IT)	Participated	4 th Feb 2017	Smt. G.G. Khadse College, Muktainagar Dist-Jalgaon in Association with NMU, Jalgaon
6	Asha Rajaram Patil	F.Y.B.Sc.(CS & IT)	Participated	4 th Apr 2017	SPDM Arts, Commerce and Science College, Shirpur Dist-Dhule in Association with NMU, Jalgaon
7	Dipak Suresh Patil	F.Y.B.Sc.(CS & IT)	Participated	4 th Apr 2017	SPDM Arts, Commerce and Science College, Shirpur Dist-Dhule in Association with NMU, Jalgaon
8	Bhagyashri Bhangale	F.Y.B.Sc.(CS & IT)	Participated	4 th Apr 2017	SPDM Arts, Commerce and Science College, Shirpur Dist-Dhule in Association with NMU, Jalgaon

b) Is curriculum suitable to make students globally competitive in the subject? If yes, substantiate.

Yes, Syllabus framing structure is universal and applicable everywhere then it's global. University build the syllabus according to IT, Biotechnology and Chemistry course, corporate sector demands and current trends in computer, Biotechnology and Chemistry fields'. That why every student are competitive in the every subject. Syllabus framing is build based on MNC Demand so this subject is globally Competitive.

c) Does the department offer program with sufficient no. of electives options.

Yes

d) While framing curriculum, is feed-back taken from stakeholder's viz. Students/Alumni/Parents/Employers considered? Feedback from Students, Alumni, Parents, Employers:

Yes

e) What is the frequency of curriculum revision? (3/4/5 years or more)

After 3 Years

f) Does the curriculum have emerging thrust areas, including interdisciplinary Areas? (If yes, elaborate).

Yes, our maximum faculty members are participate in curriculum workshop organized by university. In these workshops faculty members are put suggestions in suggestion session. On the basis of reconstructed syllabi faculty members published or edit text books or chapter in academic session. In this way curriculum have emerging thrust area of our faculties.

53. Teaching-Learning, Evaluation.

- **Number of teachers preparing & following Academic Teaching plan**

Yes, everybody prepared and follow academic teaching plan during this every one followed the academic calendar for maintaining Teaching Daily Report [TDR], Weekly Report regularly.

- **How many teachers use the following teaching methods:**

All of appointed teacher used

- a) **Interactive lecture method using blackboard, Group discussions, Problem solving, Seminars.**

Group discussion methods used during the seminar different problem are regularly solved at personal level in every subject namely Physics, Biotechnology, Electronics, Mathematics, Computer Science, Zoology, Botany and Chemistry.

- **Use ICT methods to support lectures.**

Faculty of almost all departments used ICT methods for teaching

- **Does the Department have Peer review processes? If yes, are the suggestions. Effectively used to improve the teaching quality?**

Yes, internal peer review process is available IQAC cell and takes internal audit in every year and gives us feedback regularly from different.

- **Does the department have any mechanism to ensure that entire syllabus is completed?**

Yes, We create special mechanism of HOD of department .They are regularly gives follow up for every faculty towards students and if syllabus are incomplete give the warning to faculty for completing the syllabus during the period.

- **Do you offer Bridge/Remedial courses? If yes, Give details:**

Yes, our departments run the bridge course for UG and PG students.

Academic Year	Course	Number of students	Name of subject/topic
2016-17	PG	22	Optimization Technique
	UG	76	Biophysics, Biostatics, Bioinformatics

• **What is the method for conducting internal evaluation?**

According to university Schedule or rules and regulation our college conducted the internal examination and its evaluations. In this present year we organised Internal examination for theory paper and practical. We conduct two test for each paper and each test for ten marks. For tutorial and attendance ten marks respectively. And forty marks for practical examination.

54. Teacher Performance:

1) Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analysed and suggestions communicated to teachers?

Response: - Yes. We collect the feedback from students and all related stockholders after that analysed it and while ATR reports, it's discussed and give suggestions for concerned faculties.

2) Number of teachers got feedback in academic year and follow its

a) Very Good ____ b) Good ____ c) Average ____ remarks from students.

Academic Year	Number of Faculty	Very Good	Good	Average
2016-17	29	03	26	NONE

3) Whether suggestion boxes are kept in the department to get suggestions from Students on infrastructural facilities available in the department?

Yes. Outside of department suggestion box are kept for students suggestion. They can put the suggestions' in this box.

4) Are the suggestions received from students used for improvement of facilities?

Yes. Overall feedback of teacher performance has conducted annually by IQAC. In those Feedback students gives suggestion for improvement of facilities.

Received suggestions are used and implemented and it can help for improvement of facilities. Maximum suggestions are related to infrastructure and amenities. Some students drop suggestions in suggestions box and some gives through feedback process.

5) Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the university with comments?

Yes, every year faculty members submit Self-Appraisal Report regularly towards IQAC but this Report cannot forward towards the university.

6) What is the Departmental average API _____? How many teachers have API > Average API

No

7) What is the individual faculty wise h index?

No

8) Give details of “beyond syllabus scholarly activities” of the department.

55. List the distinguished alumni of the department (maximum 10)

Sr.No	Name of Alumina	Designation
1	Girase Sandip	Software Engineer Infosys
2	Bhavsar Sumit Rajendra	Analyst Collector Office Nandurbar
3	Marathe Rajendra Jaganath	Canada
4	Patel Kishor Sudam	South Kororia
5	Chaudhari Rohit Dilip	
6	Chaudhari Yogesh Balubhai	Australia
7	Chavan Nilesh Dilip.	Asst.Prof.G.T.P.Nandurbar
8	Patil Pankaj Jivan	Regional Manager Bajaj Finance
9	Patel Pankaj Jivan	Computer Analyst vapi,Gujarath
10	Aloni Vinita Mohan	Software Engineer TCS Mumbai

56. Give details of student enrichment programmers (special lectures / workshops / seminar) involving external experts.

There are numbers of students enrichment programmers run in our college basically immense Alumni and personality in different fields are gives lectures and rising the morality of the students and encourage them also others departments arranged Seminar ,Slow and Advance learner programme, Bridge course are implemented in all departments then obviously the students enrichments in academic are increase.

57. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Every programmer are properly planed in departments and beginning of academic year to create academic structure and framed time table, reframing of academic calendar regularly. IQAC gives properly feedback from students and other stockholders after that an every suggestion and request to discuss in internal committee of departments and implement it. This is a properly maintaining process.

58. Highlight the Special facilities (if, any) of the Department.

Every faculty is knowledge base and experience holder, implements students' welfare scheme in every academic year departments gives initiatives for encouraging in for participation in for programme students and work out on best practices are regularly .These practices are related to student's carrier, it's the special features of our college departments.

59. Highlight the unique features of the department.

Main feature of our departments is one faculty of electronic department completed PhD, one faculty of computer departments is Gold medalist, one faculty qualify State eligibility Test (SET),and Head of departments computer science pursing PhD. Now a day in previous year Vinita Mohan Aloni one of the nominated student got second rank in University, It's the unique feature of Computer Science departments

60. State the Innovative practices adopted in the department.

We do our work related to Vision and Mission every year students goes in community people and in slum area for aware about technology and arrange computer literacy programme and also for college non teaching staff. Also create social awareness programme, cloths distribution in poor families, making cloths bag for avoid plastic used. To arrange blood donation camp on the occasion of birthday anniversary of our chairman Honorable Tatyasaheb.Seminar tutorial unit test are regularly conducted it's the innovative practice of our departments.

61. Highlight the participation of students and faculty in extension activities.

Maximum students are enrolled in NSS activities, outreach programmes and Youth Festival, Junior research activity Avishkar etc.

62. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Sr.No	Strength	Weaknesses	Opportunities	Challenges
1	Well furnished Labs.	Self finance college.	Create job opportunities through placement	Lack of Resources and funding.
2	UG and PG Labs are separate.	Lack of Hardware and software maintains.	Develop research interest in UG and PG students through Workshop and seminars.	Required regular faculty members
3	Internet facility is available in Labs.	Limited LCD Projector is used.	Regular alumni interaction for guidance to students.	More interaction with Company for placement.
4	Qualified and well	Frequently changing	-	Develop

	experience faculty members.	faculty members(CHB) can't focus on students properly		Communication skill in students.
5	Maximum Girls students enrollments in our college	No departmental library is maintained.	-	-

63. Future plans of the department:

a. Long term plans-

- All classrooms are well established with ICT Projector facility.
- All License software will purchase.
- Well engagements in social activities through students.
- Start various activities under Research & Development Cell.
- To Organize State/National level paper presentation & project competition.

b. Short term plans-

- More Company will be invite for placements.
- Enhance students' ability to communicate ideas clearly and confidently. Encourage students to take up more interest in the field of research and paper publication.
- To improve placement ratio with the help of Alumni.
- Conduct Faculty Development Program.
- Conduct Workshop and seminar on current trends and Technology.

Declaration by the Head of the Department/Institution:

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

**Head of Department
(Computer Science)**

Head of Department
Computer Science
S.T.Co-op. Edn. Society
Science Sr. College,
Shahada, Dist. Nandurbar

**Head of Department
(Biotechnology)**

HEAD
Department of Biotechnology
S.T.Co.-Op.Edu.Society's Science Sr. College
Shahada, Dist.Nandurbar

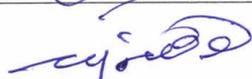
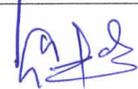
**Head of Department
(Chemistry)**

HEAD
DEPARTMENT OF CHEMISTRY
S.T.Co.op.Edu"Society's
Science Sr.College
SHAHADA,Dist.Nandurbar

Place:

Date:

Member who interacted with the committee:

Sr. No	Member	Name	Remarks
1	Head Of Department (Computer Science)	Asst. Prof. Asha R. Patil	
2	Head Of Department (Biotechnology)	Dr. Rajshree J. Valvi	
3	Head Of Department (Chemistry)	Asst. Prof. Sachin P. Patil	
4	Non Teaching Staff	Shri. C. D. Bhope	
5	CDC Members	Dr. Deepali M. Gawande	


Chairman

Dr. Sandeep A. Marathe
Principal
S.T. Co-op. Education Society Ltd.
Science Senior College, Shahada
PRINCIPAL
S.T.Co.op.Edu.Society's Ltd.
Science Sr.College
Shahada,Dist.Nandurbar


Member

Asst. Prof. Asha R. Patil
IQAC Head
S.T. Co-op. Education Society Ltd.
Science Senior College, Shahada

Member
AAA Committee



Member

Hon. Mr . A. K. Patel
IQAC Member
Management Representative
S.T. Co-op. Education Society Ltd.

Member
AAA Committee



Place: Shahada

Date: 30/03/2017