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**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): 2018 -2019***

# **CERTIFICATE**

## **Academic and Administrative Audit (Internal)**

### **Certificate**

### **Academic Year 2018-2019**

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 & non teaching staff for academic year 2018-2019.  
Thanking You..!

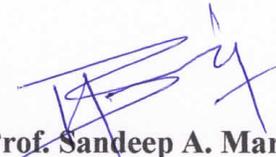


**Dr. Shaligram. Dhoman. Patil**  
**Principal**  
**S.T. Co-op. Education Society Ltd.**  
**Science Senior College, Shahada**  
**Chairman**

**AAA Internal Committee**

**PRINCIPAL**

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



**Asst. Prof. Sandeep A. Marathe**  
**IQAC Head**  
**S.T. Co-op. Education Society Ltd.**  
**Science Senior College, Shahada**  
**Member**

**AAA Internal, Committee**  
**Member**

Place: Shahada

Date: - 31/03/2019



**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 2018-19)**

- 1. Name of the Department:** Computer Science, Biotechnology, Chemistry
- 2. Year of establishment:** 22 June 2001(Computer), June 2004 (Biotechnology), July 2016 (Chemistry)
- 3. Courses offered:** UG(Computer, Biotechnology, Chemistry), PG(Computer)
- 4. Courses introduced during last five years:** PG (M.Sc Computer)

2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
B.Sc Computer, BSc Biotechnology	B.Sc Computer, BSc Biotechnology	B.Sc Computer, BSc Biotechnology	B.Sc Computer, BSc Biotechnolog, BSc Chemistry	B.Sc Computer, BSc Biotechnology, BSc Chemistry	B.Sc Computer, BSc Biotechnology, BSc Chemistry
	M.Sc Computer	M.Sc Computer	M.Sc Computer	M.Sc Computer	M.Sc Computer

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

Yes, from the establishment of our College.

**6. Interdisciplinary programs offered and departments involved: NIL**

**7. Courses conducted in collaboration with other universities and Institutions: NIL**

**8. Details of programmes discontinued, if any, with reasons: NIL**

**9. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify: B.Sc.(with Credits) - Regular-CGPA [60+40] Pattern- SYBSc & TYBSc.**

B.Sc.(with Credits) - Regular-under CBCS Pattern-FY B.Sc.

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

NIL

**11. 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 institution in peripheral area. Computer Science students also got job in education field, banking field etc.
- 2) Biotechnology and Chemistry** courses is 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 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?

Nil

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

Differently abled students Name	Criteria of differently abled students	Physical Facilities
NA	NA	Yes, Ramp, Wheel Chair etc.

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):**

A.Y.	Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
2017-18	1.Dr. Sandeep A. Marathe	HOD	M.Sc. Ph.D	5 Year	Approved
	2.Dr. Deepali M. Gawande	HOD.	M.Sc. Ph.D	7 Year	Approved
	3.Asst. Prof Rajshri J. Valvi	Asst. Prof.	M.sc	3 Year	CHB
	4.Asst. Prof Bhavna A. Khedkar	Asst. Prof.	M.sc	2 Year	CHB
	5.Asst. Prof Amruta A. Khedkar	Asst. Prof.	M.sc	2 Year	CHB
	6.Asst. Prof. Saddam M. Patel	Asst. Prof.	M.sc	2 Year	CHB
	7.Asst. Prof. Nishiganda V. Vasikar	HOD.	M.sc	5 Year	CHB
	8.Asst. Prof. Suwarna S. Patel	Asst. Prof.	M.Sc B.Ed	3 Year	CHB
	9.Asst. Prof. Dr.Ulhas Sonawane	Asst. Prof.	M.Sc . SET	01	CHB
	10.Asst. Prof. Anil R. Jagdale	HOD	M.sc B.Ed	11 Year	CHB
	11.Asst. Prof. Umesh D. Patil	Asst. Prof.	M.sc B.Ed	4 Year	CHB
	12.Asst. Prof. Asha R.Patil	HOD	Msc	1 Year	CHB
	13.Asst. Prof. Anil R Patil	Asst. Prof.	MSc	13 Year	CHB
	14.Asst. Prof. Sonali M.Patil	Assit.Prof	Msc NET	4 Year	Approved
	15.Asst. Prof. Dipak S.Patil	Assit.Prof	Msc S ET	4 Year	Approved
	16.Asst. Prof. Gayatri P.Patil	Assit.Prof	M.C.A.	9 Year	CHB
	17.Asst. Prof. Pravin P.Patil	Assit.Prof	Msc	1 year 6 month	CHB
	18.Asst. Prof. Mayuri Patil	Assit.Prof	Msc	1 Year	CHB
	19.Asst.Prof.Bhagyashri P.Bhangale	Assit.Prof	Msc	4 Year	CHB
	20.Asst. Prof. Sachin P. Patil	HOD.	MSc NET SET	07 Year	Approved
	21.Asst. Prof. Lalita A Patil	Asst. Prof.	MSc Organic Chemistry	05 Year	CHB
	22.Asst. Prof. Irfan R. Pathan	Asst. Prof.	MSc NET SET	02 Year	CHB
	23 Asst. Prof.Y. D. Patil	Asst. Prof.	MSc Math	1 year	CHB

a) Appointed on Government Sanctioned Post.

Name	Designation	Qualifications	Teaching/Research Experience	Nature of appointment,.
Dr. S. D. Patil	Principal	MA, Med., SET, PhD.	35	Approved(permanent)
Dr.Sandeep A.Marathe	Asst.Prof.	MSc,Biotechnology PhD	5	Approved(permanent)
Dr.Deepali M.Gawande	Asst.Prof.	MSc,Zoology PhD	7	Approved(permanent)
Sonali M.Patil	Asst.Prof	Msc Computer SET,NET	4	Approved(permanent)
Sachin Prakash Patil	Asst.Prof	Msc Chemistry SET,NET	7	Approved(permanent)
Dipak S Patil	Asst.Prof	Msc Computer SET,	4	Approved(permanent)

b) Appointed from University Fund.

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

c) Other appointments such as teaching associates:-

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

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	-----	-----	-----	-----
SYBSC	02 Marathi & English	-----	-----	-----
TYBSC Computer	-----	-----	-----	-----
M.Sc I	-----	-----	-----	-----
M.Sc II	-----	-----	-----	-----

**19. Programme-wise Student Teacher Ratio: (Average of 5 Years)**

	FYBSC	SYBSC	TYBSC	M.Sc I	M.Sc II
2018-19	184 Students 20 Teachers	121 Students 16 Teachers	61 Students 13 Teachers	12 Students 4 Teachers	24 Students 4 Teachers
Ratio	09:1	08:1	05:1	3:1	6:1

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

**a. Filled under grant -in-aid**

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	Actual
1	Laboratory Assistant	01	00	00
2	Clerk (office)	03	02	02
3	Laboratory Attendant	04	04	04
4	Peon	03	02	02
5	Other	NIL	NIL	NIL

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

In our computer Science ,Biotechnology and Chemistry departments are maximum eligible for teaching post but research work is not fulfill as per requirment.Our departments thrust area for research because every faculty do the smart work and think research oriented, every one think being about research work and young one also the many oppotunities in our departments for this area. Our departments students are participate in junior research activity “AVISHKAR”arranged by university

**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 maximally 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 bugs and inspire the next one. . One of the faculty from electronics department completed PhD degree in current year.

**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 (CO-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 (CO-investigator)	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lacs)	Remarks if any
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 factor range/Average Impact factor
2018-2019	---	---	---	---	-----

**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.**

Yes, Our College Departments developed two linkages:

- 1) Vanashree Soil and Water Testing Laboratory
- 2) Aasaramji Agro Industries.

**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.**

Sr. No.	Name of Faculty	University/State/ National/ International	Participated/Presented Research Paper Title	Date of Workshop	Organizer
01	Nil	Nil	Nil	Nil	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 Course	Term	Faculty Development Programs
-	-	-	-	-	-	-

**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/Prese nted Research Paper Title	Date of Workshop	Organizer
01	Asst. Prof. Bhushan P Nikam	National	Participated	17 & 18 Jan 2019	National Assesment and Accrediation Council, Banglore.
02	Asst. Prof. Bhushan P Nikam	Sate Level	Participated	23 & 24 Feb 2019	NSS, Higher and Technical Education, MH Gov, Savitribai Phule Pune University, Pune
03	Asst. Prof. Bhushan P Nikam	National Level	Participated	28 Feb 2019	Gram Vikas Sanstha's, Arts College, Bamkhede, Tal-Shahada. Dist- Nandurbar
04	Asst. Prof. Anil R Patil	National Level	Participated	28 Feb 2019	Gram Vikas Sanstha's, Arts College, Bamkhede,

					Tal-Shahada. Dist-Nandurbar
05	Asst. Prof. Anil R. Patil	University Level	Participated	02 May 2019	Arts, Science & Commerce college, Navapur
06	Asst. Prof. Anil R. Patil	National Level	Participated	19 & 20 Nov 2018	R. C. Patel Arts Commerce & Science College, Shirpur
07	Asst. Prof. Asha R. Patil	University Level	Participated	02 May 2019	Arts, Science & Commerce college, Navapur
08	Asst. Prof. Gayatri Patil	National Level	Participated	19 & 20 Nov 2018	R. C. Patel Arts Commerce & Science College, Shirpur
09	Asst. Prof. Umesh D. Patil	University Level	Participated	30 June 2018	Arts, Science & Commerce College, Taloda
10	Asst. Prof. Umesh D. Patil	University Level	Participated	16 July 2018	PSGVP Mandal's, ASC College, 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
2018-19	NONE	NONE	NONE	NONE	NONE

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

NIL

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

NIL

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

Sr.No	Student Name	University	State	National	International

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

NIL

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

42. Programme-wise Student profile 2018-19 Year

UG/PG	Seats Available	No. of students Admitted		Total	Year
		Male	Female		
F. Y. Bsc	220	114	70	184	2018-19
S. Y. Bsc	120	48	73	121	
T. Y. Bsc	120	24	37	61	
M.Sc I	30	05	07	12	
M.Sc II	30	02	22	24	

43. Year-wise results of students at UG and PG for five years:

UG/PG	Year	Division (%)						
		Appeared	Passed	D	I	II	ATKT	Fail
				O	A	B	C	
F. Y. BSc	2018-19	Awaiting						
S. Y. BSc	2018-19	Awaiting						
T. Y. BSc	2018-19							
MSc I	2018-19							
MSc II	2018-19							

44. Information about M. Phil. programme:

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

45. Information about Ph. D. programme :

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

**46. Number of students awarded M.Phil., PhD ,Degree :**

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

**47. 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	100%	--	-	-
PG	100%	--	-	-
M.Phil	NIL			
Ph. D.	NIL			

**48. 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
2018/19	GATE, Dilip Babulal Pawara Sub: Chemistry				

**49. 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	
2018-19	---	NIL	NIL

**50. Diversity of Faculty:**

Teaching faculty	2018-19
From the same university	26
From other universities within the State	03
From other States	NIL
From outside the country	NIL

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

01 Dr. Ulhas Sonawane (Electronics)

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

- a) Central Library Books and Journals, etc, relevant to Departments : NIL  
 b) Departmental Library (books, journals etc.) : NIL  
 c) Computers and Internet facilities for staff : 06  
 d) Total number of class rooms : 09  
 e) Class rooms with ICT facility : 05  
 f) Students' laboratory : 07  
 g) Research laboratories : Yes  
 h) Seminar Hall : 01  
 i) Smart class room : None  
 j) Any other facility LCDs, : In Lab Projector is available

**53. 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			

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

NIL

## 55. Curricular Aspects:

- a) **Does the faculty take initiative in curriculum development process?**

NIL

- 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.**

NIL

- 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.

## 56. 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
2018-19	PG	24	Optimization Technique
	UG	102	Biophysics, Biostatics, Bioinformatics

#### 6) 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 (SYBSc & TYBSc), For FYBSc test one for twenty mark and test two for ten marks. For tutorial and attendance ten marks respectively. And forty marks for practical examination.

#### 57. 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 getting a) Very Good \_\_\_\_ b) Good \_\_\_\_ c) Average \_\_\_\_ remarks from students.**

Academic Year	Number of Faculty	Very Good	Good	Average
2018-19	29	13	16	NONE

**2) 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.

**3) 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.**

Beyond syllabus every department number of actives basically stats different clubs wall papers formation competition ,seminar ,group discussion these type quality enhancement programme regularly maintain and also some subject related competitive exam conducted, physics departments special competitive exam departments, electronic departments maintain different run different basic courses ,similarly computer departments run also another related courses.

**58. List the distinguished alumni of the department (maximum 10)**

Sr.No	Name of Alumina	Designation
1	Kadam Sateydeo J.	Canada
2	Bhavsar Sumit Rajendra	Analyst Collector Office Nandurbar
3	Marathe Rajendra Jaganath	Canada
4	Patel Kishor Sudam	South Korlia
5	Patil Nimesh R	Alembic Pharma, Baroda
6	Chaudhari Yogesh Balubhai	Australia
7	Chavan Nilesh Dilip.	Asst.Prof.G.T.P.Nandurbar
8	Patil Pankaj Jivan	Regional Manager Bajaj Finance
9	Patil Girish Mohan	Modern Farmer
10	Aloni Vinita Mohan	Software Engineer TCS Mumbai

**59. Give details of student enrichment programmes (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.

**60. 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 stakeholders after that an every suggestion and request to discuss in internal committee of departments and implement it. This is a properly maintaining process

**61. 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.

**62. Highlight the unique features of the departments.**

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 and chemistry pursuing PhD. Where one faculty of Biotechnology department completed Ph. D, one faculty of chemistry department qualifies NET and SET and one faculty of Zoology department completed Ph. D.

**63. 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. Also Biotechnology department conducted the programme on preparation of DNA paper Model and Botany department conducted Pant Exhibition programmed for students..

**64. 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.

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

Sr.No	Strength	Weaknesses	Opportunities	Challenges
1	Well furnished Labs.	Our college is self financial departments.	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 PG students through Workshop and seminars.	Required regular faculty members
3	Internet facility is available in Labs.	-	Regular alumni interaction for guidance to students.	More interaction with Company for placement.
4	Qualified and well experience faculty members.	Frequently changing faculty members(CHB) can't focus on students properly	-	Develop Communication skill in students.
5	Girls students enrollments in computer science is more	No departmental library is maintained.	-	-

**66. 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. Edu. 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**

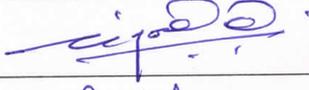
**Head of Department  
(Chemistry)  
HEAD**

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

**Date:** shahada

**Place:** 31/03/2019

**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. Sandeep A. Marathe	
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. Shaligram Dhoman Patil**  
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

**Hon. Mr . A. K. Patel**  
IQAC Member

Management Representative  
S.T. Co-op. Education Society Ltd.

**Member**  
AAA Committee

  
Member

**Dr. Sandeep A. Marathe**  
IQAC Head

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

**Member**  
AAA Committee



Place: **Shahada**

Date: 21/03/2019