



ST. FRANCIS DE SALES' COLLEGE

Seminary Hill's, Nagpur- 440 006

☎ : (O) 0712 - 2511354



No. : CSFS : G/2015-16/6614

Date : 09/10/2015

To
The Director,
National Assessment and Accreditation Council (NAAC),
Post Box No. 1075, Nagarbhavi,
Bangalore-560 072, Karnataka
India.
Subject: Submission of the AQAR for the session 2014-15

Respected Sir,

I, hereby submit the Annual Quality Assurance Report (AQAR) of St. Francis De Sales College, Seminary Hills, Nagpur (NAAC Track ID: **MHCOGN10490**) for the session 2014-15 (duration 1st May 2014 to 31st April 2015). The report is as per the revised guidelines in the new format provided by NAAC and necessary annexures are enclosed herewith.

Kindly accept and acknowledge the same.

Thanking you,

Yours Sincerely,

Thomas D

Principal

Dr. K.T. Thomas

Principal
St. Francis de Sales' College
Nagpur.



The Annual Quality Assurance Report (AQAR) Session 2014-15

Part – A

1. Details of the Institution

1.1 Name of the Institution

1.2 Address Line 1

City/Town

State

Pin Code

Institution e-mail address

Contact Nos.

Name of the Head of the Institution:

Tel. No. with STD Code:

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC/51/RAR/36 Dated 31/12/2009

1.5 Website address:

www.sfscollege.org.in

Web-link of the AQAR:

www.sfscollege.org.in/Images/AQAR2014-15
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1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	---	2004	2009
2	2 nd Cycle	A	3.14	2009	2014

1.7 Date of Establishment of IQAC: DD/MM/YYYY

24/01/2007

1.8 AQAR for the year

2014-15

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- | | |
|-------------------|--------------|
| i. AQAR 2009-10 | (09/09/2010) |
| ii. AQAR 2010-11 | (01/11/2011) |
| iii. AQAR 2011-12 | (27/09/2012) |
| iv. AQAR 2012-13 | (28/09/2013) |
| v. AQAR 2013-14 | (22/10/2014) |

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>
	Urban	<input checked="" type="checkbox"/>	Rural	<input type="checkbox"/>	Tribal	<input type="checkbox"/>
Financial Status	Grant-in-aid	<input type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input checked="" type="checkbox"/>
	Grant-in-aid + Self Financing	<input checked="" type="checkbox"/>	Totally Self-financing	<input type="checkbox"/>		

1.11 Type of Faculty/Programme

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input checked="" type="checkbox"/>	Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input type="checkbox"/>		
Others (Specify)	<input checked="" type="checkbox"/> . *								

* COC (UGC) : UGC Career Oriented Certificate Course in Hardware and Networking

1.12 Name of the Affiliating University (for the Colleges)

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
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1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc.

Autonomy by State/Central Govt. / University	<input type="checkbox"/>		
University with Potential for Excellence	<input type="checkbox"/>	UGC-CPE	<input type="checkbox"/>
DST Star Scheme	<input type="checkbox"/>	UGC-CE	<input type="checkbox"/>
UGC-Special Assistance Programme	<input type="checkbox"/>	DST-FIST	<input type="checkbox"/>
UGC-Innovative PG programmes	<input type="checkbox"/>	Any other (Specify)	<input type="checkbox"/>
UGC-COP Programmes	<input checked="" type="checkbox"/>		

* COC (UGC) : UGC Career Oriented Certificate Course in Hardware and Networking

2. IQAC Composition and Activities**2.1 No. of Teachers**

09

2.2 No. of Administrative/Technical staff	<input type="text" value="00"/>
2.3 No. of students	<input type="text" value="02"/>
2.4 No. of Management representatives	<input type="text" value="02"/>
2.5 No. of Alumni	<input type="text" value="02"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="00"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="00"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="16"/>

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.

Faculty	<input type="text" value="02"/>	Non-Teaching Staff	<input type="text" value="02"/>	Students	<input type="text" value="01"/>
Alumni	<input type="text" value="01"/>	Others	<input type="text" value="00"/>		

2.12 Has IQAC received any funding from UGC during the year?

Yes No.

If yes, mention the amount Rs.

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.	<input type="text" value="02"/>	International	<input type="text" value="00"/>	National	<input type="text" value="01"/>	State	<input type="text" value="00"/>	Institution Level	<input type="text" value="01"/>
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(ii) Themes

Theme for Conferences:

- 1) Role of Women in the development in Post Independent India
- 2) Workshop on Faculty Enrichment Program

2.14 Significant Activities and contributions made by IQAC:

1. Sent LOI and RAR for III cycle to NAAC for re-accreditation
2. Sent AQAR for the session 2013-14
3. Sent Proposal for the College with Potential for excellence (CPE)
4. Sent proposal to UGC for sanction of financial assistance to organize National Conference entitled “Farmers Distress in the Globalization Era: Problems and Solutions.
5. Sent the proposal to UGC for the sanction of financial assistance to organize National Level Workshop entitled “ Physics Practical for the Undergraduate Teachers”.
6. Sent the proposal to UGC for the sanction of financial assistance for the establishment of Centre for Women’s Studies in the College under UGC XII Plan.
7. Applied for Place for Higher Learning and Research.
8. Organized Faculty Enrichment Program for teaching staff and Orientation program for non-teaching staff.
9. Secured funding and organized Seminars, Workshops and Conferences.
10. Conducted 16 Guest Lectures and 07 Visits to Educational institutes through subjects cells and associations
11. Conducted Social awareness activities through cells and associations.NSS, CDRESS, Sociology Cell etc.
12. Adopted a village through NSS Unit of the College for Social work.
13. Started Career Oriented Program: Computer Hardware and Networking.
14. Additional guidance to the academically weaker students of the society by the students.
15. Conducted special/guest lecturers through various subject cells/ associations:

Sr. No.	Date	Topic	Guest Speaker	Organising Department / Cell
i.	25/07/2014	Need For Counseling In The College	Dr. Amrithraj	Sociology
ii.	8/8/2014	The Concept of God	Fr. Sunoj K. M	Philosophy
iii.	12/8/2014	Diabetes	Dr. Prajakta Pradhan	Bio-chemistry &

				Zoology
iv.	27/08/2014	Problems of Farmers' Suicide	Dr. Victor Joseph	Sociology
v.	09/9/2014	Vidharbha Movement	Dr. Srikant Khandelwale	Political Science
	10/09/2014	AIDS	Mr. John Varghese	Sociology
vi.	19/9/2014	Lecture on Entrepreneurship and its perspective	Mr. Suhas Buddhe	Zoology
vii.	26/9/2014	Lecture on Bio-technology and Bio-fertilizers	Dr. Pandey	Botany
viii.	18/10/2014	Media and Politics	Dr. Dharmesh	Political Science
ix.	22/11/2014	Tiger Genetics	Dr. Anuradha Reddy	Bio-Chemistry & Zoology
x.	1/12/2014	Violence by Police on Girls	Dr. Victor Joseph	Sociology
xi.	8/12/2014	Basics of Capital Market	Sailesh Sandel	Economics
xii.	9/12/2014	Financial planning for the Households	Sailesh Sandel	Economics
xiii.	10/12/2014	Social Media and Job Prospectus	ITM Group	Economics
xiv.	17/1/2015	Right to Information	Advocate Ramesh Darda	Political Science
xv.	12/2/2015	Panchayati Raj in India	Ms. Supriya David	Political Science

16. Educational visits to Research Laboratories and Other Important Places:

- i. Zoology students of B.Sc. visited the College of Fishery Sciences, Telangkhedi, Nagpur, on 27/8/2014
- ii. Students of B.Sc. Zoology visited Government Medical College Nagpur on 28/8/2014.
- iii. Environmental Science (EVS) Cell students visited Telankhedi Lake on Ganesh Visharjan on 8/9/2014
- iv. Physics students of B.Sc. final year visited Atomic Minerals Directorate for Research and Exploration, Nagpur on 22 /09/2014
- v. Students of B.A. Political Science visited Maharashtra State Assembly Session on 11/12/2014.
- vi. Students of Botany Visited Raman Science Centre on 8/1/2015.
- vii. Students of Botany visited Manas Ayurved Nursery on 27/2/2015.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards Quality Enhancement and the Outcome achieved by the end of the year *

Sr. No	Plan of Action	Outcome
1.	Enhancement of infrastructure	10 Computers for COC and 02 Printers 22 Additional fans were provided in the classrooms.
2.	Library and teaching learning resources up-gradation	No of Books Purchased = 1502 Amount Spent = 278840.00
3.	To conduct various Social Awareness Programs such as Blood Donation Camps, Visit to Old Age Homes and rendering help by donating money, clothes, books etc. Organise Village Camps and other activities through NSS, CDRESS and other Cells.	Many activities were conducted through NSS and Sociology Cell, like -Blood Donation Camps, Visit to Old Age Homes and rendering help by donating money, clothes, books etc. Organised Village Camps and other activities through NSS, CDRESS and other Cells.
4.	To organize environmental awareness activities, and tree plantation programs through EVS Cell.	Guest Lecture Series, Slide shows and Field visits were conducted
5.	To secure funding for workshops, seminars and conferences	01 UGC Sponsored National Conference 01 National Seminar 01 UGC Sponsored State level workshop was conducted Total Funding Secured = Rs. 2,23,530/- [National Conference: Role of Women in the development of Post Independent India (9-10/01/2015 Rs. 100000/-) National Seminar : Science and Religion: Friends or Foes (14/02/2015 Rs. 14280/-) State level workshop on MATLAB & SIMULINK (5-7/9/ 2014 Rs. 62,500/-) Positive Discrimination (7/7/14 to 2/8/14 Rs. 46,750/-)]
6.	To organize training programs for staff and students.	Six day training programm -Tech-Persona [04/08/2014 to 09/08/2014] Faculty Enrichment workshop [27/06/2014 to 18/06/2014] Total No. of Sessions were - 08
7.	To obtain funding from various funding agencies like UGC for Minor and Major research projects	06 Minor Projects were applied to UGC for Sanction 02 Minor Projects were sanctioned by UGC Amount Sanctioned was Rs. 3,40,000/-

8.	Invite reputed companies for placement of final year students.	No. of Companies visited for Placement = 01 No. of Students Placed =13
9.	To promote sports and games	Annual Sports Day on 22-01- 2015 No of Students participated in the Events Conducted by Other Institutes = 105 Awards Received by the Students in the Events Conducted by other institutes = 08 National Level = 02 State Level/ University Level = 06
10.	To prepare for the 3 rd cycle of re-accreditation by NAAC	LOI was sent to NAAC, Bangalore on 03/07/2014 and RAR Was prepared by Steering Committee and made on-line on college website on 08/12/2014 and sent to NAAC by post on 08/01/2015
11.	ICT Training for students on basic computer applications and spoken English	A short term course on Basic Computer Skills Under Merged Scheme UGC- Remedial Coaching for SC/ST/OBC and Minorities.
12.	Publication of College magazine SFS Heights	'SFS Heights' College Magazine was published

** Academic Calendar of the year is attached as Annexure*

2.15 Whether the AQAR was placed in statutory body

Yes

No

Management

Syndicate

Any other body

Action taken : AQAR was revised as per the suggestions received.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PG	02	00	02	00
UG	04	00	04	00
Certificate	00	00	00	01
Total	06	00	06	01

Interdisciplinary	00	00	00	00
Innovative	00	00	00	00

PG Courses: (i) M.Sc. In Chemistry

(ii) M.Sc.in Bio-Technology

UG Courses: (i) B.Sc., (ii) B.A. (iii) B.C.A. (iv) B.C.C.A.

Number of Self Financing Courses

P.G.: (i) M.Sc. in Chemistry

(ii) M.Sc.in Bio-Technology

U.G. (i) B.C.A.

(ii) B.C.C. A.

(iii) B.Sc.-(Bio-Technology as one of the subjects)

(iv) B.A. (With Communicative English as one of the Subjects)

Career Oriented Course : Certificate Course in Computer Hardware and Networking

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

The Core / Elective / CBS / Open options and the Institutional provisions are as follows:

(a). M. Sc (Chemistry):

Semester III- Paper XII (Elective- Medicinal)

Semester IV- Paper XVI (Elective- Medicinal)

(b) B. Sc:

Subject Combinations:

- Physics, Chemistry, Mathematics.
 - Physics, Mathematics, Electronics
 - Physics, Mathematics, Computer Science
 - Mathematics, Electronics, Computer Science
 - Chemistry, Botany, Zoology.
 - Chemistry, Botany, Biochemistry
 - Chemistry, Zoology, Biochemistry
 - Chemistry, Zoology, Biotechnology
 - Chemistry, Botany, Biotechnology
 - Chemistry, Biochemistry, Biotechnology
- (c). Optional Languages (Institutional provisions) for B.A and B. Sc:
Marathi, Hindi, Supplementary English
- (d). Optional Subject Combinations (Institutional Provisions) for B.A:
- i. Philosophy
 - ii. Communicative English
 - iii. Sociology / Political Science
 - iv. History / Economics

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	04 B.Sc., BCA, M.Sc.- Chem., M.Sc.- Bio-Tech.
Trimester	00
Annual	02 B.A., BCCA

Career Oriented Course in Computer Hardware and Networking Duration : 06 Months

1.3 Feedback from stakeholders* Alumn Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating Schools (for PEI)

**An analysis of the feedback is provided in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

B.C.A. Syllabus is revised from Annual Pattern to Semester Pattern from 2014-15
It has been made a 3 year, six semester course.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II**2. Teaching, Learning and Evaluation****2.1 Total No. of permanent faculty**

Total	Asst. Professors	Associate Professors	Professors	Others
33	16	14	00	03*

* Principal, Librarian, Director of Physical Education

2.2 No. of permanent faculty with Ph.D.

22

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
00	06	--	---	---	----	---	--	00	06

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest faculty	Visiting faculty	Temporary faculty
01	08 (Contributory)	08 (Adhoc)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level
Attended Seminars/ Workshops	01	19
Presented papers	01	04
Resource Persons	00	03

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- i. Power point presentations.
- ii. Use of Interactive board for teaching.
- iii. Bridge courses and Remedial Classes.
- iv. Poster and Chart competitions.
- v. Quiz
- vi. Educational visits.
- vii. Educational videos and movies/ documentaries.
- viii. Guest lectures, seminars and workshops.

2.7 Total No. of actual teaching days

182

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions).

No

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:

Board of Study members	Faculty	Curriculum development workshop
06	01	----

2.10 Average percentage of attendance of students

75

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Sc.	60	04	06	22	--	53.33
B.A.	72	00	12	43	02	81.42%
B.C.A.	25	00	01	13	.....	56.00%
B.C.C.A.	17	00	06	07	...	76.47%
MSc.- Chemistry	12	00	06	03	00	75 %
MSc.- Bio-Tech.	----	----	-----	-----	-----	-----

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- IQAC conducts Results Analysis through the Academic Monitoring committee.
- IQAC meets regularly to evaluate and monitor the academic performance of the faculty and corrective measures and suitable suggestions for improvement are proposed.
- Students' feedback is taken on a prepared Proforma through which the students give their assessment of teachers, curriculum, and support services of the college.
- Annual Teaching Plan, Daily Notes Diary, Practical Log Book is in place.
- Self Appraisals (PBAS) are collected at the end of every session.
- Preparation of academic calendar, teaching and evaluation schedule.
- Ensures conducive Teaching -Learning environment.
- Periodic assessment of teaching-learning process.
- Follow-up action on stakeholder's feedback.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	01
Orientation programmes	01
Summer / Winter schools, Workshops, etc.	05

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	14	03	00	00
Technical Staff	28	08	00	00
Total	42	11	00	00

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. A committee for Research, Innovation, Consultancy and Extension was formed for sensitizing and promoting the Research Culture among the faculty. It also provides guidance in report writing and accounts settlement.
2. Staff members were encouraged to apply for Minor and Major research projects. 06 Minor projects were applied for. Two minor project proposals were sanctioned by UGC.
3. Faculty were encouraged to participate in Conference, Seminars, Workshops and present papers and write research articles in reputed International and National journals. Duty leave was sanctioned.
4. Sessions were conducted during faculty enrichment program to generate awareness and encourage/ motivate teachers to take up research projects

Date	Resource person	Theme
5-7/09/2014	04 Prof. Kalyani Desikan Dr. M. Kaliyappan Dr. C. Vijayalakshmi, Dr. S. Hariharan	State level workshop on MATLAB and SIMULINK (MATSIM – 2014)
25/6/2014	Dr. Prantik Banerjee	Is your research readable? The six-sigma of Technical Writing in English.
23/6/2014	Dr. John Menachery	Guidelines for Research Supervisors
21/6/2014	Dr. Mrs. Mangala Hirwade	Research Impact Measurement Tools

3.2 Details regarding major projects

NIL

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00	01	02	06
Outlay in Rs. Lakhs	00	1,50,000/-	3,40,000/-	....

	Name of Teacher	Year of Project and Funding Agency	Topic of Project	Amount Allocated	Amount Actually Received
Ongoing Minor Research Project	Mrs. Soma Banerjee	2013-15 UGC	A Study of the Portrayal of Women in Indian Chick Lit. from Feminist and Post-Feminist Perspectives	1,50,000/-	1,25,000/-

	Name of Teacher	Year of Project and Funding Agency	Topic of Project	Amount Allocated/ Sanctioned	Amount Actually Received
Sanctioned Minor Research Projects = 02	Sanjay Sarwe	20/03/2015 UGC	Study of Self-Similar Gravitational Collapse of a Super dense Star	1,40,000/	1,05,000/
	Vasudha Pradhan	20/03/2015 UGC	Effect of Linear Alkyl Benzene Sulphonate on different tissues in local fresh water fish.	2,00,000/	1,60,000/-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	04	---
Non-Peer Review Journals	...	...	--
e-Journals	07	...	--
Conference proceedings	02	04	--
Total = 27	19	08	--

Research Publications Details:

International Publications in Peer Reviewed Journals

Sr. No	Name of Teacher	Title of Paper	Name of Journal / volume/ page no	ISSN	SJR/ SCO PUS	IF
1		The state of arbuscular mycorrhizal fungal diversity in India: an analysis.	Sydowia 66 (2): 265–288.	265–288		
2	N. Naqvi	Potential of Arbuscular Mycorrhizal(AM) Fungi in Reclamation of Wastelands .International Journal of Life Sciences.	International Journal of Life Sciences Special issueA2. pp 48-51.	ISSN:23 20-7817(Print), 2320-964X (Online)		
3		Algorithms for the storage of questionnaire data in OODBMS	An International Journal of Advanced Computer Technology	ISSN : 2320-0790		6.06
4	(Mrs) R.A. Ingolikar	Segmentation of Masses in Digital Mammograms using optimal global Thresholding with Otsu's method	IJCST Vol 5.3-2, July-Sept 2014	ISSN: 0976-8491(online) 2229-4333(Pri		3.01

				nt)		
5	K.T.Thomas	The Principal invariants of Kij and Kpq in spherically symmetric coordinate system in a narrow sense of V5.		ISSN-0973-3329		
6		Jets in micro-quasar	J. Astrophys Aerospace Technol Vol. 2, No.2. DOI:10.4172/2329-6542.1000104	2329-6542 Citation -01		
7	Sanjay Sarwe	Gravitational Collapse of Massive star with Equation of State	Clifford Analysis, Clifford Algebras and their Applications (CACAA), USA Vol. 3, No. 3 p.p. 225			
8		Stability Analysis in N-Dimensional Gravitational Collapse with Equation of State	Gravitation and Cosmology A journal of Rassian Society 20(4) 282-289	ISSN 0202-2893	Listed in SCOPUS	
9		Global Dynamics of an Epidemic Model with a non monotonic incidence report	IOSR Journal of Mathematics Vol 10 Issue 2 Ver VII MAY 2014 pp 71 – 79	e-ISSN 2278-3008 p-ISSN 2319-7676		0.4
10	S. Janardhan	Rich Dynamics of a vector-host epidemic model with non-monotonic and bilinear incidence rates	International Journal of Mathematical Sciences and Engineering Applications. MAR 2015 pp 55-65	0973-9424		0.5029

International Publications in e-journals

Sr. No	Name of Teacher	Title of Paper	Name of e- Journal	ISSN/ ISBN	SJR	IF
1	Vasudha Pradhan	Zooplankton diversity in Fresh Water Wunna lake.	International Journal of Life Sciences Vol.2(3) 268-272,,Sept 2014	e-ISSN: 2320-964X		
2		Assessment of potability of water with respect to physical parameters.	International Journal of Life Sciences Vol.2(4) 382-388,December 2014	e-ISSN: 2320-964X		
3		Some observations on Human & Non Human Resource waste in higher Education>	International Journal of Reserches in Social science & Information Studies (JRSSIS) Vol (10 issue III)	ISSN - 2347-8268		

4	Dilip Sawarkar		January 2015 Online			
		Role of Scientific temperament I resources Conservation.	International Journal of Reserches in Social science & Information Studies (JRSSIS) Vol (10 issue III) January 2015 Online	ISSN - 2347-8268		
5	James Minj	Effect Of Different Duration Of Sleep Deprivation On Blood Lactate Levelsof Athletes	Indian Streams Research Journal	2230-7850		3.1560
6	James Minj	Effect Of A Warm Up Protocol With Different In Tensities On Selected Performance Variables	Indian Stremis Research Journal	2230-7850		3.1560
7	Susan John	“ Image Enhancement And Noise Filtering By Using Extended Fast Fourier Transformation Algorithm”. Susan John, Dr A.K. Joshi & Prof S.V.Moharil	International Journal Of Researches In Biosciences, Agriculture And Technology (Feb 2015 Special Issue (2))	Internatio nal 2347-512x		

National Publications in Peer Reviewed Journals

Sr. No.	Name of Teacher	Title of Paper	Name of Journal	ISSN/ ISBN	<i>SJR</i>	Impact factor
1	Joseph Benjamin	Challenges before Social Science	Loyola Journal of Social Science	ISSN 0971-4960		
2	Tinu Joseph	Learning from SAFTA Experience: A Way Forward for the Future FTAs of India	The Asian Economic Review	ISSN 0004-4555		
3	Soma Banerjee	Approaching the ‘Storm Scene’ in King Lear from an Ecocritical Perspective	Multidisciplinary Peer Reviewed Annual Journal	ISSN No. 2394-6903	--	--
4	Purabi Bhattacharyya	Architecture in ancient India	Multidisciplinary Peer Reviewed Annual Journal	ISSN No 2394-6903		

International Publications in Conference Proceedings

Sr. No	Name of faculty	Title of Paper / Publication	Name of Journal or Conference and Institute	Name of organizing	Is it National/ International	ISSN/ ISBN
1		An Analytical Study of Broadcasting models and the indexing	Centum, Emergence of India as Global Economy: Challenges and Opportunities		International	

	(Mrs.) R.A. Ingolikar	schemes	Sterling Institute of Management Studies, Nerul, Navi Mumbai, Maharashtra 400706 Published by J.J.T. University		
2	H.S. Ahamad	The Effect of Mg Substitution on Structural and Dielectric Behaviour of SrCoZn Mixed Nano Hexaferrites	IJSR International Symposium on Ultrasonics-2015, 22-24 /01/ 2015 RTMNU Special Issue pp 402-406	International	ISSN (Online) : 2319-7064

National Non-Peer Reviewed Journal and Conference Proceedings

Sr. No.	Name of faculty	Title of Paper / Publication	Name of Journal or Name of Conference and organizing Institute	Is it National/ International	ISSN/ ISBN
1	Purabi Bhattacharyya	Women's Empowerment & Social Welfare Within Indian Context	UGC Sponsored Conference on AN Attempt Towards Gender Sensetisation: Teachers and Students as Vectors of Change	National	ISBN 978-81-926999-5-2
2	P.D. Durugkar	"Photoconduction and Pyroelectroluminescence in pure and Sm doped potassium niobate single crystals,"	Recent development in Material Science and Technology at Arts, Commerce and Science College, Koradi, District Nagpur.	National	ISBN. 978-81-926487-3-6
3	Soma Banerjee	Amitav Ghosh's The Hungry Tide: A study from the Ecocritical Perspective	UGC Sponsored Conference on Ecocriticism in Literature in English	National	ISBN 978-81-926773-1-6
4	Ms. Itika Lakkewar	1) Analysis Of Algorithm and Asymptotic Notation 2) Electrode is used as channel in Human Body Network	National Conference "Recent Trends in IT and Management" Organized by MIT Arts Commerce and Science College, Alandi (D), Pune	National	ISBN 978-93-5142-843-5

3.5 Details on Impact factor of publications:

Range 0.4- 6.06 Average 2.714 h-index 1-3 Nos. in SCOPUS 01

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the Funding Agency	Total grant sanctioned	Received
Major projects	00	00	00	00
Minor Projects	02 year [2015 to 2017]	UGC	3,40,000/-	2,65,000/-
Total	00	00	3,40,000/-	2,65,000/-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

Details of books published

Sr. No.	Name of faculty	Title of Book	Publication Details	ISSN/ ISBN	Is it edited book	Single Author / Co-Author
1	H.G. Jahagirdar	A Text Book of Chemistry B.Sc.II,Sem III	Himalaya Pub. House	ISBN:978-93-5142—792-6	NO	Co-author
2		A Text Book of Chemistry B.Sc.II,Sem IV	Himalaya Publishing House	ISBN:978-93-5202—424-7		Co-author
3	Mrs. A.R.Hardas	A Text Book of Chemistry B.Sc.II,Sem III	Himalaya Publishing House	ISBN:978-93-5142-792-6		Co-author
4	Vasudha Pradhan	First Semester Paper- I Life & Diversity of Animal- Nonchordates Protozoa to Annelida.	Universal Edutech	<i>Applied for ISBN</i>		Co- Author
5		First Semester Paper- II Environmental Biology	Universal Edutech	<i>Applied for ISBN</i>		Co- Author
6		Laboratory Manual of Zoology Practical Vol-I First Semester, B.Sc. Second Semester B.Sc.	Universal Edutech	<i>Applied for ISBN</i>		Co- Author
7	H.S. Ahamad	Physics Paper-I & Paper-II B.Sc Sem-III	GC Pub, Nagpur	ISBN 978-93-82962-39-7		Co- Author
8		Physics Paper-I & Paper-II B.Sc Sem-IV	GC Pub, Nagpur	ISBN 978-93-82962-53-3		Co- Author
9		Physics Paper-I & Paper-II B.Sc Sem-I	GC Pub, Nagpur	ISBN 978-93-82962-12-0		Co- Author

3.8 No. of University Departments receiving funds from

NA

UGC-SAP CAS

DST-FIST

DPE

DBT Scheme/funds

3.9 For colleges

Autonomy CPE

DBT Star Scheme

INSPIRE CE

Any Other (specify)

3.10 Revenue generated through consultancy

Rs. 1000.00

3.11 No. of conferences organized by the Institution

Level	National
Number	01
Sponsoring agencies	UGC

[No of Conference = 01 Seminars = 01 Workshops = 04]

Details of Seminar / Conference / Workshops Organized

Sr. No	Date	Theme	Funding Agency and Amount	Conducted by
1.	09/01/2015 & 10/01/2015	National Conference on ' Role of Women in Development of Post Independent India' sponsored by	UGC Rs. 1,00,000/-	History Dept.
2.	14/02/2015	National seminar on Science and Religion: Friends or Foes ,	IISR & India Peace Centre Rs. 14280/-	CDRESS
3.	05/9/2014 to 07/9/2014	State Level 3 – days Workshop on MATLAB & SIMULINK	UGC Sponsored Rs. 62,500/-	Mathematics Dept.
4.	6/9/2014	Workshop in Biochemistry on "Reviewing Teaching Practices in Biochemistry" with participants from all affiliated UG College teachers	.....	Biochemistry Dept.
5.	30/08/2014	Workshop on Networking for students	.....	Computer Science Dept & IT-Networkz
6.	17/7/2014.	Workshop on Aquarium Making	.....	Zoology Dept.

3.12 No. of faculty served as experts, chairpersons or resource persons

09

3.13 No. of collaborations

International

00

National

02

Any other

00

3.14 No. of linkages created during this year

02

3.15 Total budget for research for current year in lakhs:

From funding agency

3,40,000/-

From Management of University/College

00

Total

3,40,000/-

3.16 No. of patents received this year

00

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

00

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

Name of Faculty who are Ph.D. Guides	No of Students Registered under them
14	18

3.19 No. of Ph.D. awarded by faculty from the Institution

00

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

00

3.21 No. of students Participated in NSS events:

University level

40

State level

00

National level

00

International level

00

3.22 No. of students participated in NCC events:

University level

00

State level

00

National level

06

International level

00

3.23 No. of Awards won in NSS:

University level

--

State level

--

National level

--

International level

--

3.24 No. of Awards won in NCC:

University level

--

State level

--

National level

--

International level

--

3.25 No. of Extension activities organized

University forum

00

College forum

04

NCC

00

NSS

05

Any other

00

- i. Environmental Science (EVS) Cell students visited Telankhadi Lake on Ganesh Visharjan on 8/9/2014.
- ii. Free tuitions to the poor students in adjoining areas through Social Work Cell.
- iii. An Exposure programme was organized at the Home for the Aged and Handicapped Unthkhana on 12/08/2014. Students entertained the inmates and spent some time with them.
- iv. Students visited Old Age Home run by the sisters of Mother Teresa on 11/12/2014.

NSS

- Adopted a village for social service.
- Blood Donation Camps.
- Joy of Giving Week.
- Rally to generate awareness for the safe disposal of POP idols and “Nirmalya” during “Ganapathi Visarjan”.
- Visit to ‘Shanti Bhavan’ to spend time with inmates and make donations.

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Adopted a village for social service.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	10.47 acres	00	Management, Benefactors	10.47 acres
Class rooms	22	00	Management, Benefactors, Fees	22
Laboratories	19	00	Management, Benefactors, Fees	19
Seminar Halls	02	00	Management, Benefactors, Fees	02
No. of important equipments purchased (1-0 lakh) during the current year.	01+ 02*	00	UGC	03
Value of the equipment purchased during the year (Rs. in Lakhs)	-----	5.09#	UGC-Graduate Dev. Asst & UGC-COC Course	5.09
Others	----	-----	.....	-----

10 Computers for COC and a Multi function Printer

2* Dept of Bio-Chemistry

Facilities	Existing	Newly created	Source of Fund	Total
No. of important equipments purchased (1-0 lakh) during the current year.	02	None	UGC Scheme for additional assistance to college during 11 th plan period	1) 2,10,375.00
	i. UV Visible Spectrophotometer & ii. Orbital Shaking Incubator	None		2) 1,57,669.00

4.2 Computerization of administration and library:

Office and Library are already computerized.

Office: The process of Admission, Salaries, and Scholarships is computerised and is done through CMS 8.0 software.

Library is also computerized using LIBMAN software.

4.3 Library services:

	Existing 2013-14		Newly added during 2014-15		Total	
	No.	Value	No.	Value	No.	Value
Text Books	25244	82,04,042.00	1498	2,72,068.00	26742	84,76,100.00
Reference Books	3697	18,60,060.00	04	1772.00	3701	18,61,832.00
e-Books	---	5,000.00	--	5,000.00	Through	5,000.00

					NLIST	
Journals	Nil	---	Nil	--	Nil	
e-Journals	--	Same as Above	---	Same as Above	Through NLIST	Same as Above
Digital Database	Nil		Nil		Nil	
CD & Video	545	With Books	37	With Books	582	With Books
Others (specify)	200 BVJ	---	Nil	--	200 BVJ	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	116	38	112	11	44	9	14	--
Added	10	10	--	--	00	00	---	--
Total	126	48	112	11	44	9	14	--

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

Programs for Students

- i. A Short Term Basic Computer Course was organized under UGC Remedial Coaching, for B. Sc final year students, from 29/12/2014 to 8/01/2015.
- ii. A Seminar on Software Development with the Experts from CMS for students of computer science was organized on 25/07/2014.
- iii. A Seminar on Emerging Trends in IT by Mr. Deepak Dhote, Manage (IT-Networkz) was organized on 25/07/2014.
- iv. A Workshop on Networking by Mr. Prabhuddha Sanyal & Mr. Anup Bandebuche (IT-Networkz) was organized on 30/08/2014.
- v. A Seminar for BCA students on Android by Mr. Manish Wakodikar was organized on 19th & 20/12/2014.
- vi. An orientation program was organized on N-LIST and its use on 11/10/2014 and 12/10/2014 for B.Sc. students by Librarian Dr. A. Paradkar.

4.6 Amount spent on maintenance in lakhs:

i) ICT	Rs. 0.34280
ii) Campus Infrastructure and facilities	Rs. 1.66172
iii) Equipments	Rs. 0.26540
iv) Others	Rs. 12.16184
Total:	Rs. 14.43176

Criterion – V**5. Student Support and Progression****5.1 Contribution of IQAC in enhancing awareness about Student Support Services**

- College conducted an Orientation Program for the B.Sc. students on Semester Pattern including information on theory and practical examinations, internal assignments, scheme of marks etc. They were also given general information, on discipline, facilities and support services in the college.
- The College prospectus is published annually which provides information on the procedure of admission, eligibility criteria for the different courses, facilities available in the college, information about scholarships, rules and regulations, fee structure etc.
- The college Academic Calendar provide details of academic events to be held in the session, including dates of unit tests, preliminary examination, different activities, holidays etc. It also contains information of the various academic and cultural associations, their objectives, activities and teachers in charge of the various bodies etc.
- College has a website which is updated from time to time.
- The Teacher-Mentor Scheme is followed by every department.

5.2 Efforts made by the institution for tracking the progression

- PTA meetings were held.
- Academic Monitoring committee analyzes the college results of the R.T.M. Nagpur University examinations.
- Teachers interact with the students periodically and keep a track of their progression under the Teacher-Mentor Scheme.
- Feedback is taken from students, parents and alumni on various aspects of the college and academics.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
911	00	00	00

(b) No. of students outside the state

272

(c) No. of international students

00

Men

No	%
499	54.77

Women

No	%
412	45.2

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
585	116	28	134	02	863	621	121	26	143	02	911

Demand ratio for various Courses

Name of Course	No of seats available	No of Applications Received	No. of students admitted	Demand Ratio
B.Sc.	220	300	220+53*=273	1.28:1
B.A.	120	200	120+16*=136	1.47:1
B. C.A.	120	00	00	1:0
B.C.C.A.	120	00	00	1:0
M.Sc.- Chemistry	22	00	00	1:0.
M.Sc.-Biotechnology	22	00	00	1:0

* Additional students were allowed by Joint Director of Higher Education, Govt. of Maharashtra for session 2014-15.

Drop out for Various Courses

Course	Admitted for the course	Appeared in Examination	Drop-out
B.Sc.	273	260	13
B.A.	136	131	05
B. C.A.	---		
B.C.C.A.	---		
M.Sc.-Chemistry	---		
M.Sc.-Biotechnology	---		
Total	409	391	18

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- College has a dedicated T & P Cell which conducts activities related to competitive examinations.
- An orientation session on UPSC and 'How to Crack UPSC' was organised. Mr. B. Arun (IRS), Asst. Commissioner, Directorate of Income Tax and Mr. V. Gunasekaran, Asst. Professor, University of Delhi were the resource persons.

No. of students beneficiaries

75

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

As majority of students undertake post-graduation and not in contact with the college office, exact details are not available.

5.6 Details of student counseling and career guidance

- A six day training module Tech Persona was conducted from 4 to 9/08/ 2014.

- A Seminar on Social Media and Job Prospects was held by Prof Vidya Srinivas Head Corporate relations ITM-SIA business School Dombivilli on 10/12/2014.
No. of students benefitted

200

5.7 Details of campus placement

Number of Organizations Visited	On Campus		Off Campus
	Number of Students Participated	Number of Students Placed	Number of Students Placed
TCS	15	02	00
IBM	38	11	00
Total	53	13	

5.8 Details of gender sensitization programmes

- UGC sponsored National Conference on 'Role of Women in the Development in Post Independent India'.
- A guest lecture on 'How To Make The Best Of A Woman' a talk by Mrs. Sapna Sharma organised by Women Cell on 25/08/2014.
- A guest lecture on 'Tradition And Modernity' on 13/03/2015.
- PPT on 'Safety and Protection of Woman' on 9/09/2014.
- Under UGC Scheme for Equal Opportunity Cell a short term course on 'Positive Discrimination' was conducted from 07/07/2014 to 02/08/2014.
- A Seminar on 'Violence by Police on Girls' was organized for the students on 1/12/ 2014. Dr. Victor Joseph a social worker was the resource person.
- A Seminar on 'Problems Of Farmer's Wife' was organised on 27/08/2014. The animator was Dr. Victor Joseph, a social worker.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution (SAF)	05	15100/-
Financial support from government	272	13,17,788/-
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

5.11 Student organized / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

Social Initiatives undertaken by students:

1. 'Joy of giving' week conducted by NSS.
2. Blood Donation camp by NSS unit students.
3. Visits to Poor/Old Age homes/Orphanages.
4. Donation of cash, clothes, food grains and stationary items.
5. Visits to Shanti Bhawan, Mother Teresa's Home for the Aged and donation of clothes, food items and groceries by Woman Cell members.
6. Visits to Home for Aged and Handicapped, Unthkhana with sociology students.
7. Tree Plantation by EVS students on 19 /12/2014.
8. Village camp by NSS Students at Chicholi near Fetri, Nagpur from 26 /12/2014 to 01/01/ 2015.
9. Tuitions by students of the college to 06 social centres in the city to Weaker sections of society in academics.
10. NSS volunteers took out a rally to give awareness on the disposal of POP idols and "Nirmalya" during "Ganapathi Visarjan" on 08/09/2014.

5.13 Major grievances of students (if any) redressed:

No Major grievances were received.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION

S.F.S. College stands for excellence in academics and integrity of character. It aims to develop a scientific temperament for a caring, impartial and inclusive society.

MISSION

S.F.S aims to create and facilitate an environment for knowledge, research, skill, self-reliance and humanitarianism that propels the young to build a caring and sharing society.

6.2 Does the Institution has a management Information System

Yes, Management Information System (MIS Software CMS) is available and official activities are carried out through this. It includes :

- i. Admission of students
- ii. Fee Collection
- iii. Salary of staff
- iv. Scholarship
- v. Processing of Examination Forms for the affiliating university
- vi. Issue of Transfer Certificate
- vii. Library Books Issue/Return

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- i. The college does not have the freedom to frame the curriculum as it is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur. However many senior faculty members are on various Academic Bodies like Board of Studies and are actively involved in framing the syllabus.
- ii. Teachers were encouraged to prepare and publish the course material in the form of books. 09 books were published by the faculty related to curriculum.

6.3.2 Teaching and Learning

- i. Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur (R.T.M.N.U) has introduced the semester pattern from the academic session 2013-2014 for the B.Sc. program. The college has conducted an Orientation Program for the students to introduce them to the Semester Pattern including providing information on theory and practical examinations, internal assignments, scheme of marks etc.
- ii. Teachers prepared annual teaching plan/ modules/ methodology for theory as well as practical and used innovative methods for teaching like organizing seminar competitions, poster presentations, assignments, photo essays etc.

- iii. Many activities were conducted to enrich and supplement the curricula like guest lectures, industrial visits, projects etc.
- iv. Faculty made use of computers, internet, LCD and interactive board to enhance the teaching-learning process.

6.3.3 Examination and Evaluation

- i. Examinations were conducted as per R.T.M. Nagpur University guidelines.
- ii. For yearly pattern course three unit tests and preliminary examinations were conducted. For Semester pattern courses for Internal Evaluation, college conducted two Unit Tests and Assignments were given to the students. Preliminary Examinations were also held.

6.3.4 Research and Development

Teachers were encouraged to do research and publish papers in reputed National and International journals, present papers in conferences and publish their findings.

- i. The total number of research paper publications were 27, number of books published were 09. In addition to this a book review was published.
- ii. Number of Research Scholars under various faculties were 18.
- iii. Six Minor Research projects were applied to UGC and two were sanctioned.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library

- Library was upgraded with a number of recent study materials (Books)
- Number of Titles (Text Books+ Reference books) added during the session were 1502 . Total expenditure on Library: Rs. 2,78,840.00.
- Library extended and continued the N-LIST INFLIBNET facility to the staff and students.

Physical Infrastructure Facility & Instrumentation

- 22 additional fans were provided in classrooms.
- 10 computers and two printers were added.

6.3.6 Human Resource Management

- Newly appointed Teachers were encouraged and granted duty leave (DL) to attend Orientation and Refresher Courses. One staff member attended refresher course and one staff member attended orientation course.
- Teachers were encouraged and granted duty leave to participate in workshops conferences, seminars and short term courses etc.

Training Programs conducted for the staff

- Faculty Enrichment Program was conducted for the teaching Faculty from 18/6/2014 to 27/6/2014.

Faculty Enrichment Program

Date	Resource Person	Topic
27/6/2014	Dr. V.B. Hirulkar	Stakeholder's Collaboration management in Quality Endeavors
26/6/2014	Dr. Mrs. Shyamla Nair,	Governance and Leadership
25/6/2014	Dr. Prantik Banerjee	Is your research readable? The six-sigma of Technical writing in English.
23/6/2014	Dr. John Menachery	Guidelines for Research Supervisors
21/6/2014	Dr. Mrs. Mangala Hirwade	Research Impact and Measurement Tools
20/6/2014	Dr. K.J. Cherian	Consultancy and Linkages
19/6/2014	Dr. Anand Kate	Implications of Ageing Process: Ageing Gracefully
18/6/2014	Adv. Wilson Mathew	Gender Discrimination

- Conducted 1 day workshop on “Reviewing Teaching Practices in Biochemistry” on 6/09/2014. The workshop was for all full time teachers in Biochemistry at Undergraduate level in R. T. M. Nagpur University Affiliated Colleges.

Total participants - 17.

6.3.7 Faculty and Staff recruitment

- 16 teachers, Ad hoc (08) and contributory teachers (08) were appointed for some courses to meet the requirement of courses.

6.3.8 Industry Interaction / Collaboration

07 MoUs were signed

- IT-NETWORKZ , Nagpur
- ANACON Laboratories PVT. LTD.
- Kalavishkar Boutique and Institute
- G. S. College of Commerce, Nagpur
- Hislop College, Nagpur
- India Peace Centre.
- Indian Institute of Science and Religion.

6.3.9 Admission of Students

- Admissions were transparent and purely on merit basis as per the rules of Affiliating University and Government of Maharashtra.
- Prospectus was published with detailed information on various courses and combination offered along with the fee structure.
- Admission notification was also floated on the College website: www.sfscollege.org.in
- Advertisements were put up in reputed city newspapers to attract the students for various courses.
- Advertisement was done through Social Media Marketing and Cinema Hall.

6.4 Welfare schemes for

Teaching	01
Non teaching	
Students	01

Teaching and Non-Teaching Staff

College has Credit Co-operative society which is fully managed by the college staff. It provides regular loan of 1,50,000/- and emergent loan of Rs. 15,000/- to the members of the society.

Other welfare measure for the staff:

The institute makes provision to meet financial exigencies of non-teaching staff whenever the salaries are delayed due to governmental procedures.

Students Welfare Schemes: Students Aid Fund (SAF)

The College has established a 'Students Aid Fund' (SAF). This is funded by the college staff, both teaching and non-teaching and the amount is utilized as financial aid to students belonging to economically weaker sections of society and to those who have not availed any other freeships and scholarships.

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done
 Yes No
6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Joint Director	YES	IQAC (AMC)
Administrative	Yes	Joint Director	YES	Principal

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

For most examinations the results are declared by R.T.M. Nagpur University within 30 days and for some examinations results are declared within 45 days.

6.9 What efforts are made by the University / Autonomous College for Examination Reforms?

- R.T.M. Nagpur University has introduced the semester pattern for B.Sc. course, Accordingly, examinations were conducted as per semester pattern i.e. twice each year.

- Internal evaluations for the theory papers have been introduced by R.T.M. Nagpur University.
- Marks have to be submitted online to R.T.M. Nagpur University.
- Answer sheets are bar coded by R.T.M. Nagpur University.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

No special efforts are made by the university to encourage college for autonomy

6.11 Activities and support from the Alumni Association

- Alumni Association donated 22 ceiling fans to the college to be placed in various classrooms.
- The college has an active Alumni who are enthusiastic to help the college. They support the activities through their involvement and participation.
- They provide their expertise and help in training the teaching and non-teaching staff by delivering lectures in faculty development programs and staff orientation programs.
- Provides feedback and suggestions on various aspects.
- Br. Robert Devanand trained the students in the use of First-Aid in emergency situations on 2/08/2014
- A friendly cricket match was organised for the Ex-Students by Alumni Association on 01/03/2015

6.12 Activities and support from the Parent – Teacher Association

- Parent Teacher Meet was held on 09/08/2014. A Parent Teacher body was formed for the session 2014-15
- Provides feedback on various aspects of institutional functioning and made suggestions for improvement.

6.13 Development programmes for support staff

An orientation program was conducted for the non-teaching staff members

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Campus cleaning program was organised by NSS volunteers on 19/10/2014.
- Environment Awareness Programs were conducted for the students through EVS Cell.
- Tree Plantation program was organised by EVS Cell on 19/12/2014.
- EVS Cell Conducted a Guest lecture on “Environment Management” on 26/07/2014. Mr C.S. Reddy, Assistant Conservator, TATR, Chandrapur was the guest speaker.

- A Power point presentation competition was organized by EVS cell “Role of students in Environment Conservation” on 11/04/2015. The speakers were from the various faculty of the college.
- A popular lecture series of 12 lectures was conducted by EVS cell to create awareness about environmental conservation and protection.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the Functioning of the institution. Give details.

College has adopted Social Media Marketing strategy for the publicity of the college. College has advertised through Facebook and Twitter where the details of the upcoming and conducted events with the photographs were given. It has improved admissions in all the courses conducted by the college.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- i. Based on the Action Plan of the Year several Committees and Cells were constituted.
- iv. To enhance learning resources Library was upgraded with 1502 new text books and reference books.
- v. To help economically weaker students from this session, scholarships were distributed from Students Aid Fund (SAF) scheme with the contribution from staff members.
- vi. In order to impart the curriculum effectively, an orientation session was organised to make the newly admitted students aware of the semester pattern curriculum.
- vii. To make students aware of their social responsibilities and create an inclusive society many social awareness programs were conducted through NSS, like Blood donation, Joy of Giving, Awareness Program on Organ Donation, Cleanliness and Health and Hygiene. Sociological Society also conducted many awareness programs. Visits to old age home and exposure programs were also conducted.
- viii. Through NSS a medical camp was organised for the villagers. About sixty patients got benefitted from the camp.
- viii. Environmental Cell of the college conducted many awareness programs and popular lecture series for Environmental Protection and its Conservation.
- ix. Students were encouraged to excel in curricular and co-curricular activities. Best Student, 11 Subject Toppers in the final year examination of RTM Nagpur University were awarded and Topper Students of each class were also felicitated.
- x. Training and placement cell of the college conducted a six day training module 'Tech-Persona' for the students to prepare them for job placement interviews.

- xi. Faculty Enrichment program with 08 sessions were conducted to enhance the quality in academic activities & research.
- xii. A UGC sponsored National conference, and a state level UGC sponsored workshop a National Seminar sponsored by IISR was organised.
- xiii. Students were encouraged to participate in intercollegiate games and sports events. About 105 participated in various intercollegiate games and sports events.
No of total prizes won by the students = 08
Prizes in National events = 02
Prizes in Intercollegiate/ University level events = 06
- xiv. Six minor projects were applied to UGC for sanction.
- xv. Faculty members were encouraged to attend conferences and seminars and present papers. Total publications during the session were 27 (19 International and 08 National), 09 books and a book review was published.
- xvi. In order to orient the non-teaching staff members for better delivery/performance in day-to-day working an orientation session was organised.
- xxiv. Feedback was taken from various stakeholders on various aspects of curriculum, teaching-learning evaluation and teachers performance based on the various parameters prepared by IQAC and analysed for future improvement.
- xxv. Teachers performance based appraisal (PBAS) forms were collected in the proforma prescribed by RTM Nagpur University.

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

Following are the existing best practices of the college

- i. Awards: Best Student Award and Subject Topper Certificates.
- ii. Campus Cleaning Programs.
- iii. Training Module for Teaching Staff : Faculty Enrichment Program.
- iv. Tech- Persona Event.
- v. Akshar Forum.
- vi. Friendly Matches.
- vii. Revenue Generation from Infrastructure.
- viii. Use of playground by senior citizens.
- ix. Feedback System.
- x. Mentoring of students by each department.
- xi. Orientation Programme for new comers.
- xii. Suggestion boxes

**Provided the details in annexure (annexure numbered as I, II,III)*

7.4 Contribution to environmental awareness / protection

- i. A popular Lecture Series was conducted by EVS Cell

Sr. no	Topic	Date
1.	Biodiversity	11/12/2014
2.	Environment Management and Sustainable use of Natural Resources.	13/12/2014
3.	Conservation of Wildlife	18/12/2014
4.	Ecosystem	20/12/2014
5.	Environment Protection	7 /02/2015
6.	Solid Waste Management	8 /02/2015
7.	Pollution Menace	21/02/2015
8.	Disaster Management	28/02/2015
9.	Role of Women in Society	13/03/2015
10.	Natural Resources	14 /03/2015
11.	Ozone Layer Depletion & its Consequences	20/03/2015
12.	Ozone Layer Depletion	21/03/2015

- ii. Awareness activities like Display Board Activity, Film show on Animal Rescue prepared by Forest Department
- iii. Visit to Manas Ayurved Nursery was organized.
- iv. Power point presentation competition on “Role of Students in Environment Conservation” was organized by EVS Cell
- v. A guest lecture on “Environment Management” was organized. Mr. C.S. Reddy, Assistant Conservator, TATR, was the guest speaker.

7.5 Whether environmental audit was conducted?

Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

SWOC Analysis

Strengths

- Pollution free and eco-friendly campus.
- Organizing multiple student-centric and scholastic activities.
- Use of innovative, technology-enabled classroom teaching and learning.
- Elaborate feedback mechanism, student support and progression system.
- Active participation of students in sports, cultural and co-curricular activities.

Weaknesses

- Academic and administrative constraints of being an affiliated college to the university.
- The college, being mainly, a UG institute, is not a Recognised Research Centre and thus less conducive for active research.
- Limited/poor local direct transport facility thereby affecting admissions.

Opportunities

- More openings for student employability with new Life Sciences and IT based industries coming up in and around Nagpur.
- Networking with alumni and stakeholders for the progress and placement of students.
- Scope for introducing career-oriented/vocational courses for student employability.
- To enter into linkages with industry/organizations/institutions in a mutually beneficial manner.

Challenges

- Adapting to the ever-evolving global scenario.
- Difficulty in running P.G courses with the introduction of new rules by the University.
- Delayed sanction of staff vacancies hindering the smooth running of the teaching-learning process.
- To achieve academic excellence despite enrolment of contributory and ad hoc teachers.

ANNEXTURE-III**FEEDBACK ANALYSIS****1. Students Feedback Analysis****a. Curriculum**

The parameters used in the feedback format were: Syllabus, Course content, Coverage of Theory and Practical classes, Library materials, availability of reading materials, Internal assessments etc.

Some of the suggestions given by students are:

1. More Job/Skill oriented courses can be started for better job opportunities
2. Professionals courses should be granted
3. Sports can be part of the curriculum

Analysis:

1. For B.A. courses, majority of the students find that the current syllabus is adequate and they get the readable course material easily.
2. For BCA and BCCA courses, most of the students find that the current syllabus is challenging.
3. For B. Sc. courses, most of the students find that the current syllabus is challenging but the course content is manageable.

Remedies

The feedback on curriculum was carefully analyzed by the committee members and the following necessary steps were taken:

1. The grievances and suggestions regarding financial matters were conveyed and discussed with the management for feasibility and approval.
2. The suggestions were conveyed to the Members of Boards of Studies and Management Council through the staff members.
3. Necessary steps were taken to make the study and course materials available.

b. Teaching Learning and Evaluation (TLE)

The parameters used in the feedback format were:

Knowledge, Communication/ Presentation, Sincerity, Punctuality, Regularity, Accessibility/ Availability, Interest in Subject, Behavior, Assignments/ Curricular Activities, Inculcation of values, etc.

Some of the suggestions given by students were:

1. General
 - To improve canteen services.
 - Gym to be improved
 - More focus to be given to co curricular activities
2. Library
 - More number of Text Books to be made available
 - Computer and Internet facility to be improved.
 - Library should issue more than two books for a duration more than a week.
3. Arts and Science

- Latest books should be available in some subjects.
4. BCA / BCCA
- Some of the Adhoc teachers to improve teaching and to provide study material.

Remedies

The feedback on TLE by students was carefully analyzed by the Academic Monitoring Committee members and the following necessary steps were taken:

1. The grievances and suggestions were conveyed to the respective teachers by the Principal during interaction and necessary measures were taken by the teachers.
2. Issues regarding the inadequacy of books in the library were conveyed to the librarian and necessary action was taken.
3. Necessary actions has been taken regarding the complaints on Gym, Canteen, etc.

2. Parents' Feedback

1. Feedback was obtained on aspects varying from getting admission, discipline, academic atmosphere, conduct of employees, etc. Parents firmly believe that getting admission to the college is indeed a matter of pride for them. Wards have improved academically through interaction with their teachers. The hallmark of SFS is the sense of discipline instilled in the students. Its firm conviction is that this will go a long way in the moulding of character of students.
2. Parents were unequivocal in stating that the atmosphere in the college is conducive to learning. They are unanimous in their view of the admission process as being fair and clean. Without a dissenting voice parents have appreciated the changes introduced in the college in the recent past. It has indeed being progressive. Infrastructure and the Faculty are the strong points of the institution.
3. Parents suggested that college could go an extra yard in streamlining the training and placement cell. Some parents hold the view that the atmosphere of the college could be made more conducive to meet the academic challenges of today. All out efforts to involve students in creative endeavours are being done in every possible way. Extra – curricular and co-curricular activities are steps in this direction.

3. Alumni Feedback

1. Feedback from alumni was taken to evaluate and realize our aims and objectives. The alumni of SFS are to this day proud to be associated with the college. The education imparted has been useful and relevant. The faculty, they opine, are efficient and cooperative.
2. Subject activities, seminars and workshops have been cited as good and useful. The environment is truly conducive to academic pursuits. Infrastructure, in particular has been singled out as truly outstanding. The alumni finds discipline in the college exemplary.
3. Some have suggested that the library has scope for further improvement. The majority feel that as students of SFS they have benefitted in every way. Activities of the training and placement cell could be stepped up.

INTERNAL QUALITY ASSURANCE CELL
SFS College, Seminary Hills, Nagpur-06

ACTION PLAN FOR THE SESSION 2015-16

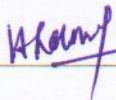
8. Plans of Institution for Next Year

1. To review the preparedness of College for the Peer Team visit for IIIrd Cycle of NAAC Reaccreditation.
2. Promotion of ICT in teaching learning.
3. To conduct various social awareness programs through NSS, CDRESS, and Woman Cell etc.
4. To promote co-curricular activities like educational visits, special/guest lectures, quiz, poster / chart competitions, seminar competitions etc.
5. To organize training/ faculty enrichment programs for teaching and non-teaching staff.
6. To promote research activities and obtain funds from various funding agencies like UGC for Major, Minor research projects and workshops seminar and conferences.
7. To accelerate placement drive in reputed companies for final year students.
8. To start short term courses in Spoken English and Foreign Languages.
9. To organise Advanced Personality Development program for final year students.
10. To promote and organise intercollegiate activities for developing a spirit of competitiveness among students.
11. To organise Training / Workshop on skill based self-employment opportunities.
12. Discussion on NAAC Peer Team Report and framing of policies for the Quality Sustenance and Quality Enhancement.

Date: 30/09/2015

Coordinator, IQAC

Name: Mr. Halim S. Ahamad



Signature of the Coordinator, IQAC



Chairman, IQAC

Name: Dr. K.T. Thomas

Principal
St. Francis de Sales' College
Nagpur.

Signature of the Chairperson, IQAC



ANNEXTURE-IV

ACADEMIC CALENDER (2014-2015)

JUNE- 2014		
Date	Day	Events
16	Mon	Session 2014-15 begins and Classes commence
23	Mon	SCCSC - Interactive Session for Class XII Students
JULY - 2014		
07	Mon	Taskforce for Protection of Girl Students-Inauguration SCCSC-Interactive Session for Class XII and School Students HRD Forum -Enrollment begins
12	Sat	HRD Forum – Enrollment ends
15	Tue	English Literary Association – Inauguration / Guest Lecture
18	Fri	HRD Forum – Inauguration
20	Sun	ACC – Inauguration/Guest Lecture
25	Fri	ACC- Essay Competition
26	Sat	Environmental Cell : Inauguration
31	Thu	HRD Forum – Guest Lecture on “Persona”
AUGUST -2014		
1	Fri	Ecostry Inauguration
2	Sat	Hindi Bhasha Samiti- Inauguration/Poetry Competition
4	Mon	Degree College- First Unit Test , Tech - Persona
5	Tue	Tech - Persona, NSS : Inauguration, HRD Forum- Story telling Competition
6	Wed	NSS : Hiroshima day commemoration, Tech - Persona
7	Thu	Tech - Persona
8	Fri	Tech - Persona, Botanical Club-Inauguration, ACC- Poetry Competition Economics- Interdisciplinary Symposium SCCSC-Visit to Raman Science Center
9	Sat	Tech - Persona, Mathematical Society-Inauguration & Guest Lecture Taskforce for Protection of Girl Students- 1 Week Martial Arts Training History English Society(HES)- Inauguration, Physics- Video lecture
11	Mon	Philosophical Forum: Guest Lecture
14	Thurs	ELA – Poetry Competition, CDRESS- Inauguration
15	Fri	Independence Day Boss: Nomination of Office Bearers of BOSS & Debate/ Educational Movie Show
16	Sat	Chemical Soc Inauguration
19	Tue	Physics Soc. Inaguration
20	Wed	Compu-Vision – Inauguration / Seminar, HRD Forum – Extempore
21	Thurs	Compu-Vision – Workshop
22	Fri	ELA – Essay Competition,

		Compu-Vision – Workshop Pearls- Inauguration, ACC- Painting Competition, Physics – Educational visit Botanical Club- Plantation Drive
23	Sat	Hindi Bhasha Samiti- Paper Reading
26	Tues	NSS – Seminar, Pearls- Visit to Fish Farm
27	Wed	BOSS : Inaugural Lecture of the session 2014-15
28	Thur	Training and Placement Cell (T & P) – Guest Lecture
SEPTEMBER – 2014		
1	Mon	Unit Test 1 – Class XI and Class XII
		Unit Test 1 – Class XI and Class XII
4	Thur	Unit Test 1 – Class XI and Class XII Botanical Club : Visit to Seminary Hill campus
5	Fri	Teachers Day, State level workshop on MAT-LAB and SIMU-LINK Environment Cell : Skit Philosophical Forum :Essay Competition
6	Sat	HES- Interdisciplinary Presentation
8	Mon	Hindi Bhasha Samiti- Hindi Saptah begins, NSS : Green vigil programme
10	Wed	ELA – Skit Competition, BOSS : Guest lecture
11	Thur	CDRESS- Seminar
12	Fri	ACC- Rangoli Competition, Compu-Vision – PPT Competition
13	Sat	Mathematical Society- Charts, Models and Essay Competition Physics Quiz, Hindi Bhasha Samiti- Hindi Saptah ends Chemical Society –Intercollegiate Seminar
15	Mon	Taskforce for Protection of Girl Students-Debate Competition
16	Tues	Pearls- Workshop on Vermiculture
18	Thurs	HRD Forum – Learning Communication
19	Fri	ACC- Intercollegiate Essay Competition Training and Placement Cell (T & P) – Guest Lecture Women Cell –Debate Competition
20	Sat	SCCSC-Telescope making, Physics Society-Poster &Essay competition
21	Sun	ECOSTRY-Symposium for Students
22	Mon	Unit Test 2 for Degree College begins
24	Wed	BOSS: Guest lecture, Botanical Club-Guest Lecture
25	Thu	Eugene D'Souza Debate
27	Sat	SFS Maths Olympiad, Environment Cell : PPT Competition
OCTOBER – 2014		
01	Wed	NSS : Joy of giving week, Environmental Cell-Slide Show
04	Sat	First Term Exams- Class XI and Class XII, Economics-Lecture Series
07	Tues	First Term Exams- Class XI and Class XII, ACC-Poetry Competition
08	Wed	First Term Exams- Class XI and Class XII BOSS : Intercollegiate Quiz/ Poster Competition/ Quiz for BOSS Members Botanical Club : Quiz
09	Thu	First Term Exams- Class XI and Class XII
10	Fri	First Term Exams- Class XI and Class XII Pearls- Guest Lecture

		Women Cell –Guest Lecture
11	Sat	First Term Exams- Class XI and Class XII Mathematical Society- Seminar Competition ECOSTRY-Guest Lecture, Chemical Society – Quiz
17	Fri	Philosophical Forum: One day Seminar
NOVEMBER – 2014		
01	Sat	Physics-Guest Lecture
14	Fri	Children's Day, Training and Placement Cell (T & P) – Guest Lecture
15	Sat	Hindi Bhasha Samiti- Essay Competition
19	Wed	BOSS : Guest lecture
22	Sat	Chemical Society –Guest Lecture
24	Mon	Taskforce for Protection of Girl Students-Essay Competition SCCSC-Pre Olympiad Examination
28	Fri	Training and Placement Cell (T & P) –Book Exhibition Pearls- Essay Competition
29	Sat	Intercollegiate Maths Olympiad NSS- Visit to Orphanage Environmental Cell-Film Show
DECEMBER – 2014		
01	Mon	HES-Guest Lecture Book Exhibition
02	Tues	NSS : HIV awareness programme Book Exhibition
03	Wed	BOSS- Guest Lecture
04	Thus	Philosophical Forum - Inter collegiate Essay Competition NSS- Blood Donation Camp
05	Fri	HRD Forum - 7 Day Workshop begins, Pearls- Quiz
06	Sat	Botanical Club : Seminar, ACC- Poster Competition Hindi Bhasha Samiti-Short Story Writing Competition Chemical Society –Guest Lecture
08	Mon	Unit Test 3 - Degree College (Annual pattern) begins
10	Wed	CDRESS- Debate
11	Thu	SFS Centre for Scientific Culture : Workshop
12	Fri	Botanical Club : Excursion ELA – Calligraphy Competition HRD Forum- 7 Day Workshop ends
15	Mon	Compu –Vision Week begins
17	Wed	Women Cell –Visit to Shanti Bhavan
19	Fri	ACC-Extempore
20	Sat	Compu-Vision Week ends
22	Mon	Sports Day Maths Day
26	Fri	NSS- Village Camp
27	Sat	NSS- Village Camp
28	Sun	NSS- Village Camp
29	Mon	NSS- Village Camp
30	Tue	NSS- Village Camp
31	Wed	NSS- Village Camp
JANUARY – 2015		
02	Fri	Prelims - Class XII, Unit Test - Class XI, CDRESS- Essay

		Competition
03	Sat	Prelims - Class XII and Unit Test - Class XI Intercollegiate Book/ Film Review competition Economics-Presentation by students Physics Society Valedictory, Hindi Bhasha Samiti-Valedictory
04	Sun	Prelims - Class XII and Unit Test - Class XI
05	Mon	Prelims - Class XII and Unit Test - Class XI
06	Tues	Prelims - Class XII and Unit Test - Class XI, NSS-Poster Making Competition Taskforce for Protection of Girl Students-Guest Lecture HES-Guest Lecture, Environmental Cell-Visit to Botanical Garden
07	Wed	Prelims - Class XII and Unit Test - Class XI, BOSS- Valedictory Function
08	Thus	Prelims - Class XII and Unit Test - Class XI
09	Fri	Prelims - Class XII and Unit Test - Class XI Botanical Club : Visit to Scientific Institute
10	Sat	Prelims - Class XII Mathematical Society- Valedictory Function ACC-Valedictory Function
14	Wed	NSS- Valedictory
15	Thurs	Visit to Corporate Business House, CDRESS- Valedictory
16	Fri	Philosophical Forum :Guest Lecture
17	Sat	ELA- Screening of Movie, Chemical Society – Valedictory
19	Mon	Preliminary Exam- B.Sc – III (Annual pattern) , BCA, BCCA begins Unit Test 1 - B.Sc – Even Semesters begin
20	Tues	HRD Forum – Valedictory
21	Wed	NGPE in Physics
24	Sat	Patrons Day – Holiday
26	Mon	Republic Day – Holiday
FEBRUARY – 2015		
14	Sat	Economics – Guest Lecture
16	Mon	Preliminary Exam- B A- I, II, III begins
MARCH – 2015		
09	Mon	7 days Faculty Development Programme begins
16	Mon	Unit Test 2 - B Sc - Even Semesters begin
23	Mon	Second Term Exams- Class XI
24	Tues	Second Term Exams
25	Wed	Second Term Exams
26	Thus	Second Term Exams
27	Fri	Second Term Exams
28	Sat	Second Term Exams
30	Mon	Second Term Exams- Class XI