



**ST. XAVIER'S COLLEGE [AUTONOMOUS]**  
**30 Mother Teresa Sarani**  
**Kolkata – 700016**

**The Annual Quality Assurance Report**  
**(AQAR) of the IQAC**  
**Session: 2015-2016**

Submitted to:  
National Assessment and Accreditation Council (NAAC)  
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**ST. XAVIER'S COLLEGE (AUTONOMOUS)  
KOLKATA, PIN-700016**

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**The Annual Quality Assurance Report (AQAR) of the IQAC  
Session: 2015-2016**

**Part – A**

**1. Details of the Institution**

AQAR for the year ( <i>for example 2013-14</i> )	2015-16
1.1 Name of the Institution	St. Xavier's College (Autonomous)
1.2 Address Line 1	30, Mother Teresa Sarani
Address Line 2	Kolkata
City/Town	Kolkata
State	WEST BENGAL
Pin Code	700016
Institution e-mail address	principal@sxccal.edu
Contact Nos.	033-22551231/232
Name of the Head of the Institution:	Rev. Dr. John Felix Raj SJ
Tel. No. with STD Code:	033-22551230 / 033-22879966
Mobile:	+919831207444
Name of the IQAC Co-ordinator:	Prof. Partho Mukherji
Mobile:	+919830012126
IQAC e-mail address:	iqacsxc@sxccal.edu



1.3 NAAC Track ID

1383

**OR**

1.4 NAAC Executive Committee No. & Date:

**EC/57/RAR/89 dated 30-11-2011**

*(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)*

1.5 Website address:

**www.sxccal.edu**

Web-link of the AQAR:

**http://www.sxccal.edu/aboutSXC/sx  
 c-IQAC.htm**

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	NA	2003	5 years
2	2 <sup>nd</sup> Cycle	A	3.53	2011	5 years
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

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

**1/07/2004**

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR\_\_2010-2011 Submitted to NAAC on 11/11/2011
- ii. AQAR\_\_2011-2012 Submitted to NAAC on 03/10/2012
- iii. AQAR\_\_2012-2013 Submitted to NAAC on 19/12/2013
- iv. AQAR\_\_2013-2014 Submitted to NAAC on 09/04/2015
- v. AQAR\_\_2014-2015 Submitted to NAAC on 21/03/2016

1.9 Institutional Status

University (NA) 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  Men  Women   
 Urban  Rural  Tribal   
 Financial Status Grant-in-aid  UGC 2(f)  UGC 12B   
 Grant-in-aid + Self Financed  Totally Self-financing

1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)   
 TEI (Edu)  Engineering  Health Science    
 Management  
 Others (Specify) **Bachelor of Education (B. Ed)**

1.11 Name of the Affiliating University (for the Colleges) **University of Calcutta**

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University **University of Calcutta**  
 College with Potential for Excellence  UGC-CPE   
 DST Star Scheme  UGC-CE   
 UGC-Special Assistance Programme  DST-FIST   
 UGC-Innovative PG programmes  Any other (Specify)   
 UGC-COP Programmes

**2. IQAC Composition and Activities**

2.1 No. of Teachers   
 2.2 No. of Administrative/Technical staff   
 2.3 No. of students   
 2.4 No. of Management representatives   
 2.5 No. of Alumni   
 2.6 No. of any other stakeholder and



community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.  Faculty   
 Non-Teaching Staff / Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No   
 If yes, mention the amount

2.13 Seminars and Conferences (only quality related)  
 (i) No. of Seminars / Conferences / Workshops / Symposia organized by the IQAC  
 Total Nos.  International  National  State  Institution Level

- (ii) Themes
- Beyond Chalk and Talk – the role of the teachers as a facilitator
  - Seminar on Gender Sensitisation
  - Workshop on Bioinformatics
  - Orientation programme has been organised for the Junior teachers who have joined college with effect from July 2010.

- 2.14 Significant Activities and contributions made by IQAC
- Academic Audit has been conducted by a team of external experts
  - Academic audit is conducted by each department on a monthly basis
  - Academic audit is conducted by the Board of Studies of each department, once a semester
  - Faculty Development Programmes
  - Curriculum Restructuring
  - Initiative Towards Strategic Planning
  - Sending differently abled students to different organisations for scholarships and other support
  - Value Added Programmes, Foundation Course, Communicative English, Club Activities
  - Socio-Eco survey of fishermen village and exposure to a rural school
  - Community Outreach Programmes





### 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

Plan of Action	Achievements
Infrastructure Additions	<ul style="list-style-type: none"> <li>➤ Purchase of New Books and Equipments</li> <li>➤ Availability of more space for teaching and learning</li> </ul>
Village Exposure	815 students across the departments visited the 10 villages adopted by College as part of the College to Village, Village to College <ol style="list-style-type: none"> <li>1) Nurshidarchowk</li> <li>2) Debipur</li> <li>3) Shalpurkur</li> <li>4) Paikhala</li> <li>5) Balrampur</li> <li>6) Hogulkuria (New Village)</li> <li>7) Bholakhali</li> <li>8) Gurap</li> <li>9) Pandua</li> <li>10) Jhantipahari</li> </ol>
Innovative Method of Teaching	Information and Communication Technology in teaching / Peer team teaching in B. Ed
Online Feedback	Online evaluation of teachers

2.16 Whether the AQAR was placed in statutory body      Yes       No   
    Management                       Syndicate       Any other body

Provide the details of the action taken

- Feedback were taken from all stakeholders and actions were taken based on it
- Academic audit and green initiative been conducted
- Grievance cell receives complains and suggestions from the students and according to address the issues.
- Students' Grievance Cell Committee (GCC) is regularly addressing the issues.
- Counselling Cell regularly counselling students from different departments
- Placement Cell regularly organising different events for the placement of the students
- A preparatory team for the SSR of the NAAC Peer Team visit for the 3<sup>rd</sup> cycle of accreditation of November 2016 has been formed.
- Teachers, Administrative staff/technical staff, students, management representatives, Alumni, Community representatives, external experts were included in the AQAR committee.
- The IQAC held meetings at regular intervals.



## Part – B

### CRITERION – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes (Annexure 1)

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
PhD	-	-	-	-
PG	7	1	7	-
UG	17	1	5	-
PG Diploma	5	0	5	5
Advanced Diploma	-	-	-	-
Diploma	2	-	2	2
Certificate	3	-	3	3
Others	4	0	4	2
Total	38	2	26	10

Interdisciplinary				
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	38
Trimester	-
Annual	-

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

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

Please provide an analysis of the feedback in the (See Annexure 2)



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

- Ph.D program regulation
- Two years B.Ed. curriculum according to NCTE guidelines (restructuring of Curriculum)
- Credit transfer policy for the International Exchange Programme.

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

- History honours started in Raghampur Campus in 2015-16
- M. Sc Multimedia introduced in July 2015



## CRITERION – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	210	160	35	1	14

Part Time Professor - 24

2.2 No. of permanent faculty with Ph.D 83

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

Asst. Professors		Associate Professors		Professors		Others (Part-Time)		Total	
R	V	R	V	R	V	R	V	R	V
29	-	-	-	-	-	-	-	29	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

46

2.5 Faculty participation in conferences and symposia: (Annexure 3)

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	13	33	17
Presented papers	38	44	11
Resource Persons	3	3	7

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

- Continuous Internal Assessment
- Class room seminar by students
- 100% student feedback
- Internship
- Industrial visits
- Self-appraisal by faculty members
- Peer team appraisal
- Regular evaluation by administration
- Regular monitoring of students' attendance
- Academic audit
- Academic and physical expansion
- Promotion of credit based co-curricular and extra-curricular activities
- Student exchange and collaborative research
- Placement
- Career Counselling
- Students' Counselling for different purposes
- Remedial Classes
- Student Parliament
- Micro Teaching and Block Teaching



- Tutoring
- Mentoring
- Student Leadership Programme
- Students Seminar

2.7 Total No. of actual teaching days during this academic year 218

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

**Double Valuation**

**Syllabus revised to 2000 marks  
 in accordance with two years B.  
 Ed Curriculum**

2.9 No. of faculty members involved in curriculum restructuring/ revision/ syllabus development 180 180 180  
 as member of Board of Study/ Faculty/ Curriculum Development

2.10 Average percentage of attendance of students 82.40

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Total no. of students Passed	Division				
			Distinction %	I %	II %	III %	Pass %
BA(Arts)	235	190	-	25.96	53.19	1.7	80.85
B.Sc (Science)	368	328	-	71.47	17.66	0	89.13
B.M.M (Multimedia)	49	45	-	83.67	8.16	-	91.84
BBA (Business Administration)	143	132	-	78.32	13.99	0	92.31
B.Com (Commerce)	1030	877	-	60.97	24.17	0	85.15
B.Ed	-	-	-	-	-	-	-
M.Com (Commerce)	62	54	-	80.65	6.45	-	87.10
M.Sc (Physics)	31	23	-	58.06	16.13	-	74.19
M.Sc (Computer Science)	57	49	-	70.18	15.79	-	85.96
M.Sc (Microbiology)	22	21	-	90.91	4.55	-	95.45
M.Sc (Biotechnology)	33	33	-	90.91	9.09	-	100



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

- Academic Audit is undertaken on annual basis
- Feedback from all stakeholders like students, parents etc. are taken on regular basis
- Monitoring of activities of different department through different quarterly report
- Use of ICT (Information and Communication Technology)
- Networked library
- Regular IQAC meetings are held and various issues are discussed
- Dissemination of information in the departmental meetings
- Faculty Improvement Programme

## 2.13 Initiatives undertaken towards faculty development (Annexure 4)

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	02
UGC – Faculty Improvement Programme	280
HRD programmes	
Orientation programmes	03
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others (Faculty Development Programme)	09

## 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	0	0	0
Technical Staff	4	0	0	0

### **Administrative Staffs**

- Principal
- 4 Vice Principals
- 8 Deans
- Member Secretary – Academic Council
- Coordinator, IQAC

### **Technical Staff**

- 1 Chemistry Department
- 2 Physics Department
- 1 Mass Communication and Videography



### CRITERION – III

#### 3. Research, Consultancy and Extension

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

- The College has a Central Research Laboratory under the supervision of Dr. Rina Ghosh. Through the research laboratory, many students from different department pursue their research in different field funded by different agencies.
- 34 Research Scholars are pursuing their PhD's under the guidance of different faculties of the College
- Introduction courses in Research Methodology
- Introduction of dissertation paper in new curriculum
- To encourage faculty to undertake various research projects, Ph.D. works and also to participate in national & international seminars and conferences
- Reaching out of each department to promote research activities among the faculty members by creating awareness of various research grant sources.

##### 3.2 Details regarding major projects (Annexure 5A)

	Completed	Ongoing	Sanctioned	Submitted
Number	04	10	-	-
Outlay in Rs. Lakhs	115.88	252.58	-	-

##### 3.3 Details regarding minor projects (Annexure 5B)

	Completed	Ongoing	Sanctioned	Submitted
Number	03	09	-	-
Outlay in Rs. Lakhs	05.54	20.11	-	-

##### 3.4 Details on research publications (Annexure 6)

	International	National	Others
Peer Review Journals	-	116	-
Non-Peer Review Journals	-	13	3
e-Journals	45	10	-
Conference proceedings	1	15	-

##### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	2 years	UGC	719000	589700
Interdisciplinary Projects	3 years	Ministry of Science & Technology, Department of Biotechnology	3600000	3600000



Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (Research Scholar) (other than compulsory by the University)	Max for 3 years & min for 15 Months	CSIR CSIR ICMR UGC	456800 547600 249258 306000	228400 547600 249258 306000
Any other (Specify)	2-4 years 3 years 3 years 3 years 3 years 6 years 2 mths	CSIR DAE/BRNS DBT/ WB Grant DST/WB Grant DST/GOI Grant ICAR Grant	4033461 2884143 2973000 3040614 8645144 7580240	2419461 2884143 1996143 1990114 8125144 6085460
Total			35035260	29021423

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

(Annexure 6) ii) Without ISBN No.

3.8 No. of University Departments receiving funds from: N.A.

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

3.11 No. of conferences organized by the Institution (Annexure 7)

Level	International	National	State	University	College
Number		6			10
Sponsoring agencies		UGC, DBT, College Fund			College Fund

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

3.13 No. of collaborations  International  National   
 Any other  Annexure 8

3.14 No. of linkages created during this year





3.15 Total budget for research for current year in lakhs:

From funding agency  From Management of University/College   
 Total

3.16 No. of patents received this year **Nil**

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

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

Total	International	National	State	University	Dist	College
				6 (PHD)		

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

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

3.20 No. of Research scholars receiving the Fellowships

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events

University level  State level   
 National level  International level

3.22 No. of students participated in NCC events:

University level  State level   
 National level  International level



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  College forum   
 NCC  NSS  Any other

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

NSS

- Blood donation camp – 834 Donors
- Shishu Mela – 1000 underprivileged Children
- Prayas Camp – 4 days (Village to College)
- Puja camp – 7 days work camp
- Green Clean Neighbourhood – Weekly
- Women's Day
- Joy and giving week – 7 days
- Premdaan – Weekly
- Sunday Village Visit – 6 villages per week
- Polio Awareness Campaign
- Street Plays – Xaverian Ushering Change
- Daan Utsav – Celebrating the joy of Giving

NCC

- Celebration of Independence Day
- Providing security services at various programs organized by the College
- Rendering social services during camps
- One cadet represented India in youth exchange programme through NCC. She has become the member of the NCC delegation to Srilanka during the period of 09<sup>th</sup> Nov-20<sup>th</sup> Nov. The same cadet received the best cadet award from Honourable Governor of West Bengal in February 2015.

Sports

- Nearly twenty two Interdepartmental tournaments conducted each year
- Twenty College teams prepared and sent up for various Inter College Tournaments
- Preparation and participation of College Men and Women basketball teams for West Bengal Basketball Association State Championship, League and Knock Out.
- Preparation and participation of the Xaverian Hockey team in the Bengal Hockey association 1<sup>st</sup> Division Group B League and Knock out.
- Conduct of a mega event the College Annual Sports opening with an inter Departmental Parade which involves each student of the College including students of St. Lawrence and Raghampur Campus.
- Hosting of the St. Xavier's College Inter College Invitational Tournament on our



Campus.

- Lending support to sporting activities of the College Alumni, Students Council Fest: Xavotsav, Staff matches.
- Hosting of the Bangladesh National Women's Basketball Team for an invitational match.

B. Ed

- Participation in Annual sports
- Participation in Sanyog and Xavullash, organised by the Bengali Literary Society.
- An educational tour for village service was organized at Dalthita, (Basirhat, West Bengal).
- Various clubs of the department namely Literary Club, Cultural Club, Nature Club have conducted extension activities on behalf of the department such as :  
inviting students from Ashalayam an organization that looks after street children and provides nurture and care to them, Planting saplings in the campus.
- Organizing of cultural programmes by the Culture club of the department at an organization for the under privileged



## 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 (Acre)	32.53 acres	-	College fund	32.53 acres
Class rooms	58	17	College fund	75
Laboratories	12	2	College fund	14
Seminar Halls	2	5	College fund	7
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	NA	18	UGC + College Fund	18+
Value of the equipment purchased during the year (Rs. in Lakhs)	NA	42.10	UGC+ College Fund	42.10+
Others				

#### 4.2 Computerization of administration and library

➤ E-Resource centre continues to provide access in different places within the library.

#### 4.3 Library services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books & Reference Books	57,162	17,01,602*	3,093	18,51,832	60,255	35,53,434
e-Books	95,513	2,07,780*	104	5,73,073	1,36,004	7,80,853
Journals & Periodicals	103	2,11,636*	116	2,87,297	116	2,87,297
e-Journals	6276	1,12,100	6277	121840	6277	1,21,840
Digital Database	4	3,68,804	4	3,80,005	4	3,80,005
CD & Video	902	--	--	--	902	--
Others (specify)						
Institutional Membership	2	15,496	2	15,496	2	15,496

\* The existing value of Text Books & Reference Books, e-Books and Journals & Periodicals began to be valued only since 2013 – 2014 (Kindly refer to AQAR Report 2013-14). Hence the Total number of Text books & Reference books that were in the Library till 2013,



numbering 53,919 were not valued. **Probably it would be impossible to value them in money terms given their worth.**

Annexure/Notes:

- E-Journals, online journals began to be introduced only since 2010-11 as mentioned in the AQAR report 2010-2011.
- Journals & Periodicals, E-journals, Digital database are renewed every year.
- Out of Total number of E-books available (136,004), 195 e-books were purchased between 2012 and 2016 for a value of Rs. 7,80,853/-. The rest of the e-books, numbering 1,35,809 are available through Inflibnet-Institutional membership. Hence, the Inflibnet subscription value is not included in the current total value.
- Others (Institutional Membership) such as British Council Library and American Library are only renewed. They are not new.

**B.Ed. Library details**

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books and Reference Books	9466	478244.0 (approx. from 1980 onwards)	<u>2015-16</u> added 320	53212.00	9786	531456.00
e-Books	-	-	-	-	-	-
Journals	7	46589.0	1*	1000.00	08	47,589.00
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	15 CD's	Sent from central library	9 CD's	1320.00	24	1320.00 **
Others (specify)	-	-	-	-	-	-

\*Order has been sent with draft but not received yet.

\*\*Cost of the CD/DVD's which are bought only.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	687	433	687	51	233	100	39	64
Added	222	119	222	-	2	20	8	61
Total	909	552	909	51	235	120	47	125

Others include  
 Library  
 Class Rooms  
 Laptops

Conference Room  
 Research  
 Server



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

- Internet Access to all Machines & 14 mbps leased line
- The college provides computers, internet access to teachers and students
- Wi fi facility in Computer Centre, Staff Room and Conference Room
- CCTV Surveillance system at i) Park Street Campus, ii) Raghapur Campus, iii) AJC Bose Road Hostels
- Campus Network backbone upgradation to support redundancy and high availability
- Extension of Audio-visual system to all classrooms.

4.6 Amount spent on maintenance in lakhs :

i) ICT	<b>6946563</b>
ii) Campus Infrastructure and facilities	<b>4302064</b>
iii) Equipments	<b>877811</b>
iv) Others	<b>874636</b>
Total :	<b>13001074</b>



## CRITERION – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Students' Parliament is organized on regular basis
- Meeting with students on regular interval by different Vice Principals, Deans, HoDs Etc.
- Add on course on 'Evaluation Techniques' and 'Teaching Skills'.
- Departmental Seminar cum Workshop on 'Teacher as a Role Model' and 'Emotional Intelligence.
- Organised orientation programme

#### 5.2 Efforts made by the institution for tracking the progression

- Bio-Metric System has been introduced in the library to track the attendance of the students
- Inclusion of external resource persons in BOS & IQAC
- Continuous Internal Assessment (CIA)
- Remedial & Tutorial classes are held for slow learners.
- Mentoring system is in practice
- Review of exam result
- Feedback from the external examiners
- Progression in student support service is tracked through
- Alumni membership
- Personal contact-with ex students
- Meetings with Stakeholders

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
6628	621	-	545

(b) No. of students outside the state 1063

(c) No. of international students 31

Men	
No	%
4366	56

Women	
No	%
3428	44

Last Year (2014-15)						This Year (2015-16)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
6012	296	385	179	7	6872	6788	352	415	239	7	7793

Demand ratio: 1:14

Dropout: less than 1 %



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

- IAS Coaching provided for the IAS aspirants who want to pursue their career in this field
- IAS and IPS officers of different batches come to provide their valuable guidance to the IAS aspirants

No. of students beneficiaries 24

5.5 No. of students qualified in these examinations: Not Available (NA)

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

5.6 Details of student counselling and career guidance

- There is a separate counselling cell for students.
- Staff make themselves available on campus for the mentoring and guidance of students in need of counselling.
- Classroom Counsellor in B. Com
- There is separate Placement Cell, which looks after the placement and provides proper guidance for the future prospective students.
- Career counselling by faculty members and professionals (also ex-students)
- Add on course on 'Evaluation Techniques and 'Teaching Skills'.

No. of students benefitted 800

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
35	450 (App)	347	205 + 43 (B.Ed.)

5.8 Details of gender sensitization programmes

- One gender sensitization programmes held in the year 2015-16 by the SWAR
- Seminar in Gender Sensitisation was organized by B. Ed

5.9 Students Activities

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

State/ University 34    National level 16    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 (Rs. in Lakhs)
Financial support from institution	564	6885216
Financial support from government	1	5000
Financial support from other sources	48	587300
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organised / 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

**NSS**

1. Shishu Mela – Bringing a Thousand little Smiles
2. Prayas Camp – The first step of Long journey
3. College To Village & Village to College – Guiding by Hand
4. Polio Awareness Campaign and Opinion Poll
5. Blood Donation Camp – Setting New Height
6. Prem Dan – A Service with Love
7. Daan Utsav – Celebrating the joy of Giving
8. Street Plays – Xaverian Ushering Change
9. Adda Sessions – Chai Per Charcha
10. World Environment Day
11. CU Rally – Celebrating the Great Soul....
12. Elder's Day Celebration in Collaboration with Students Members of XADAM

**All India Catholic University Federation (AICUF)**

13. AICUF Celebrates SANTALHUL 2015
14. AICUF Observes ADIVASI DIWAS 2015
15. AICUF Workshop on Women Empowerment
16. The SPOTLIGHT 2015



17. STATE PUJA CAMP 2015
18. Feast of St. Francis Xavier
19. INDIGENOUS Meet 2016
20. GHOSTOMATH Village visit by the AICUF Volunteers.
21. ST. Joseph Old Age Home Visit.

**NCC**

22. Celebration of Independence Day

**Department of Education (B.Ed)**

23. Visit to village for Socio-Economic and Educational Survey
24. Community Outreach
25. Extension Activities - 'Lending Love' and 'Haath Se Haath Milao'

5.13 Major grievances of students (if any) redressed:

The Students' Grievance Cell was formed in 2009. The cell is vested with the authority to arbitrate any type of grievances raised by the students of the College. The committee members of Grievances Redressal Cell (GRC) examine the complaint and recommend the case, if necessary, to the Principal. The Principal is the final authority to take action. Few grievances regarding drinking water facility, canteen and toilet facilities were redressed during the year 2015-16.



## CRITERION – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution

Vision:

To promote a society based on love, freedom, liberty, justice, equality and fraternity.

Mission:

- To further our role as a centre of excellence in Higher Education and proceed towards upgrading into university.
- To excel in all areas of teaching-learning, research and consultancy.
- To contribute to the creation of knowledge and create vast reserve for research.
- To provide education of international standard and extend the scope of International Exchange of faculty and students.
- To inspire and challenge all segments of the College to raise the realm of good to great and even greater heights.
- To become a centre of culture, to consciously promote communal harmony and cultural integration, and to create an atmosphere of dialogue in the campus.
- To promote academic exchange and academia-industry interfacing by utilizing the latest technological progress.
- To offer skill-based subjects and motivate/animate a work force with human values.
- To develop application-oriented courses, with the necessary input of values with a view to produce all-round development of individuals.
- To continue to bridge across the rural-urban divide, taking the benefits of education to the poor and the marginalized. Create more satellite campuses like Raghampur.
- To ensure access to and equity of opportunities for higher education to all deserving and meritorious students, particularly those from the marginalized sections, irrespective of caste, creed and religion.
- To form young men and women of competence, commitment, conscience and compassion who will become leaders of future.
- To strive towards the excellence in individual and collective activities.
- To abjure physical and psychological violence.
- To promote the message of MAHOPANISHAD VI – Vasudhaiva Kutumbakam (The World is one Family).
- To respect and foster the ideals of the Institution, the National Flag and the National Anthem.
- To uphold the sovereignty and integrity of our nation.
- To render national service whenever regional linguistic and parochial diversities.
- To preserve and persevere with the SA heritage of our national composite culture.
- To contribute to the well-being of the nation without counting the cost in the spirit of NIHIL ULTRA (Nothing Beyond) – the motto of the College.



Value framework to accomplish our vision:

- Fostering passion and pursuit for academic, intellectual and spiritual excellence.
- Promoting social awareness leading to commitment and action for the greater glory of the good and God.
- Cultivating uncompromising commitment towards enhancing the quality of life both at the organizational and societal levels.
- Instilling integrity, perseverance and transparency.

6.2 Does the Institution have a Management Information System?

- Regular Students' Feedback system – Data capturing and analysis
- 360<sup>0</sup> feedback
- Analysis of achievement made by Faculty Members
- Analysis of students' performance in examination
- The Website acts as an archive for all events and news announced and accomplished during the year.
- VP's, Dean's and HOD's appraisal
- The IQAC office also operates as a Data Management Facility centre along with periodic evaluation of quality management.

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

6.3.1 Curriculum Development

Curriculum restructuring is a continuous process. While restructuring, feedback from all stakeholders are analysed and appropriate actions are taken for improvement. Through consultations with academic and industry experts, curriculum and relevance of the programmes are ensured. Multi skill development programmes help in employability. Training through internship, project work, Career Oriented Programmes and participation in various society activities help to develop leadership skill and competence.

After every semester, the academic audit of each department is conducted by the respective Board of Studies (BOS) and the overall audit of the College is done by the Academic Council. At the end of three years, with feedback from stakeholders and the experience gained during the three years, the BOS of every department undertakes a thorough revision of the syllabi to make it contemporary and more relevant.

6.3.2 Teaching and Learning

With respect to teaching and learning the following initiatives have been undertaken in 2013-14

- ❖ In BA and BSC departments, a restructured curriculum, developed over a period of the proceeding 3 years, has been implemented

The goals are:

- To make teaching and learning more suited to the need of the semester system
- To modularize syllabus and spell out the course objectives
- To facilitate transition from the traditional to the modern curriculum



#### of Choice Based Credit System (CBCS)

- To bring uniformity in the total no. of papers in all the UG degree courses and hence uniformity of total marks
- To allow for multiple modes of assessment so that students of different abilities stand to benefit and to allow all round assessment of their learning
- ❖ In BCOM and BBA departments, a restructured curriculum was in place from the start of autonomy. However, syllabus revision was undertaken for the third time after autonomy. The units of each module syllabus have been apportioned marks to ensure coverage of the full syllabus during teaching and at the time of question paper setting
- ❖ For all UG departments a one day seminar was organized on 'student centric learning'.
- ❖ In B. Ed course syllabus is revised every year. In 2014-15 also the syllabus was revised along with a change in question pattern.
- ❖ From 2015-16 session B. Ed is a two year course.
- ❖ Performa for Ph.D – as the College has been granted the ....to enrol for Ph.D students in the following subjects –
  - 1) Physics
  - 2) Biotechnology
  - 3) Microbiology
  - 4) Commerce

### 6.3.3 Examination and Evaluation

From the inception of autonomy, we have been introducing changes in the teaching, learning and evaluation practices to bring these in alignment with the mission and vision of our institution.

To achieve a greater degree of transparency, accountability and fairness in the aspects of the preparation of examination question papers (QP's) and assessment, a number of changes have been introduced from July 2013. The Principle, "One who teaches should also assess", has been adopted along with appropriate checks and balances. These control become operational at appropriate stages through the agency of peer review by externals and internals.

- Preparation of the Question paper:
  - ❖ Course instructor sets QP's in accordance with the specific guidelines developed for the purpose Parallely a second set is prepared by the external paper setters.
- Moderation of QP's:

An external moderator prepares, from the two sets of a QP, one single paper in accordance with a set of specific guidelines. The course instructor who is also the internal paper setter is present during moderation to provide assistance and /or inputs if requested by the external moderator. The latter checks to ensure that the QP

  - ❖ Is valid
  - ❖ Covers the declared syllabus



- ❖ Has stretch and
  - ❖ Is accessible to students of all categories of ability
- To this effect the moderator is required to submit a confidential report.
- Assessment of the answer scripts:
    - ❖ A detailed Marking Scheme (MS) is developed in examiners' (external and internal) meeting. This is done to ensure that marking is reliable and consistent.
    - ❖ The course instructor marks the script in accordance with MS marking being done anonymously. "Blind" marking is practised.
    - ❖ Appropriate samples of the marked scripts (generally 30% of total from each packets) are evaluated independently by external using the agreed upon MS.
    - ❖ If the marks difference in a significant number of scripts (50% of a sample 20% scripts which are evaluated by the external examiner) varies by 15% then the internal examiner and the HOD separately are required to account for it. This inspection and scrutiny may be followed by 100% re-evaluation. This exercise provides an opportunity for self-learning by the internals.
    - ❖ Finally after the publication of the result a candidate may apply for "seeing" and /or "review". This "review" is done by another internal/ external examiner.
  - Special facilities provided to students are:
    - ❖ The process of grafting has benefited the weaker section of the students who can thus now graduate without losing academic years.
    - ❖ Every year, in the month of May-June a special arrear clearance examination is held for students with arrear in the fifth semester; so that a student does not have to wait for an additional semester to clear their papers and the graduate on scheduled time.

#### 6.3.4 Research and Development

The various steps taken to encourage research by the faculty are: -

- The College has created a research committee called "St. Xavier's College Centre for Research and Training". The vision of the Centre is to encourage inter-departmental collaboration and nurture and develop a culture of research within the College.
- Faculty is encouraged to pursue and complete doctoral and post-doctoral work and to attend national/international conferences and seminars
- Teachers are recognized and rewarded for their doctoral and research work. Rs. 5000 is awarded as a token of appreciation for completing PhD.
- As per UGC norms they are granted leave (Sabbatical) to complete PhD and post doctoral programmes.
- They are granted leave on duty for presenting papers in Seminars and Conferences.
- The College pays the registration fee and part of the travel costs for the same.
- Teachers/departments are encouraged to conduct seminars, conferences



and workshops.

- Central Research Facility has been set up for the science departments.
- Research and Consultancy Cell has been formed in B.Com and B.B.A. departments.
- Teachers are encouraged to undertake major and minor research projects from UGC/CSIR/DST and publish papers in research journals.
- Seed money is provided to projects which have been sanctioned by funding authorities as adjustable advance to initiate the research project
- Dedicated cubicles in the library for research work
- Appointment of research assistants
- Subscription to research journals, both print and online
- Yearly publication of 'Aviskaar' – the College research journal
- **The Parent University, University of Calcutta in its meeting held on 22.09.2015 (vide item 30), approved the regulations for the Degree of Doctor of Philosophy, Ph. D. under St. Xavier's College (Autonomous).**
- Yearly publication of 'Magis' – the College research journal

The College promotes participation of the students in research through academic programmes in the following ways:

- Every year, students of Microbiology Department submit and present papers at the Indian Science Congress.
- Students of Biotechnology department are sent to research institutes in the city for hands-on experience.
- Students participate in All India Students Conference for CA courses.
- Action research / case study / projects / term-papers, which are a part of the curriculum, involve research by students.
- Students publish research papers
- Students also publish yearly departmental magazines such as:  
"THE XAVERIAN" is the annual College Magazine released by the Chief Guest on Valedictory and Convocation Day of the College.  
Aviskaar – A Multidisciplinary Xaverian Journal of Research which has received ISSN Number  
Magis – Xaverian Journal of Education which has received ISSN number  
Eduvision (Department of Education)  
Chaisma (Biotechnology)  
DNA (Microbiology)  
Elixir (Chemistry)  
Beacon (Mathematics)  
Eco-Echoes (Economics)  
Ode To Expression (English)  
You-Think (Commerce)  
Horizon (Physics)  
Prakarsho (Statistics)





Young Sociologist (Sociology)  
X-executive (BBA)  
Kadam (NSS)

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

**(a) Library automation details including e-library facilities.**

Through computerization, the total collection has been tagged by bar-coded identifiers using the Library Automation Software LIBSYS-4.0 (release 6.1). The charging and discharging of library holding are executed by bar code scanner through LIBSYS software.

Students can borrow four books at a time. Further renewable for fifteen days. Faculty can borrow at most eight books for one month. Students belonging to financially challenged class can borrow four books in one full semester through book bank facility.

**(b) ICT tools and their use in the library.**

A new access management system has been introduced both at the Central Library and the B.Ed Library. At the Central Library a biometric system is being used to register library member's usage of the Central Library, while a system for scanning bar coded identification cards of B.Ed students has been setup at the B.Ed Library instead of manual registering of entry – exit records of students.

The entire library holdings have been classified according to Dewey Decimal Classification (DDC) scheme (22<sup>nd</sup> edition) and catalogued in LIBSYS software according to Anglo American Cataloguing Rules (2<sup>nd</sup> edition/AACR2) code.

**(c) Library networking services with INFLIBENT & others:**

Internet facilities are available through all computers of the library connected through LAN. LIBSYS function through client server mode of networking system. The library has a local server and one server computer stores entire Bibliographic Database of the entire library holdings, which is updated daily. The library is enlisted in scholarly e-resource consortia (N-LIST) functioned by information and library network under UGC. The subscription to e-journal consortia [www.jstor.org](http://www.jstor.org) and [www.nature.com](http://www.nature.com) is through UGC-INFONET. The library has also joined DELNET having 5400 online journals. 39 Online Sage Journals have been subscribed.

Three online databases are subscribed

- ❖ Prowess, hosted by Centre for Monitoring Indian Economy (CMIE)
- ❖ [www.indiastat.com](http://www.indiastat.com) hosted by Data Net India Pvt.Ltd.
- ❖ Economic Outlook, hosted by Centre for Monitoring Indian Economy (CMIE)

**Networking with other libraries**

The library has institutional membership with British Council Library and American Library Kolkata.

**(a) Computer Centre / laboratories**

**Computer Centre**

A full-fledged Computer Centre, established in 1985, offers various professional courses to the students. Presently offering the following courses:





- Diploma in Multimedia and Animation (1 year)

#### Central Computing Facilities

Four numbers of computer laboratories with 233 systems, equipped with projectors, networking and internet facilities to cater to the students of UG courses.

- Computer Lab-1 with 47 Computers
- Computer Lab-2 with 50 Computers
- Computer Lab-3 with 82 Computers
- Computer Lab-4 with 57 Computers

#### PG Computer Laboratories

Separate computing facilities for PG courses.

- M.Sc. Computer Science Lab with 42 Computers
- M.Sc. Physics Lab with 30 Computers

#### MULTIMEDIA and ANIMATION Computer Laboratories

Separate computing facilities for Bachelor of Multimedia and Animation course.

- Multimedia and Animation Lab-1 with 33 computers
- Multimedia and Animation Lab-2 with 33 computers
- Multimedia and Animation Lab-3 with 16 computers

#### CYBER ROOM

Internet facilities are provided to students beyond their scheduled classes in the cyber room equipped with 51 computers.

- (b) Modernization of classrooms with audio-visual facilities / e-classrooms:

The institution has progressed beyond chalk and talk by introducing modern and student friendly teaching methodologies. Audio-visual Aids, Projectors, Laptops, Portable PA system and Document Cameras are used for classroom instruction and communication. Further, screening of relevant films pertaining to different courses are also undertaken.

- All the Computer Laboratories are equipped with audio-visual facilities
- Almost all the classrooms are upgraded with audio-visual facilities
- Portable Document Cameras are also used by the teachers

- (c) ICT Tools for Teaching Learning

- Video Conferencing facilities
- Virtual e-classroom, smart classrooms

### 6.3.6 Human Resource Management

- Delegation of responsibility – some of the Key Responsibility Areas (KRA's) are identifies and delegated at different levels – office function, VP's , Deans, Hod's
  - ❖ Academic Council – All academic matter (including BOS functions) through Member Secretary
  - ❖ Controller of Examination (COE)
  - ❖ Internal Quality Assessment Cell (IQAC)
- Participatory Management – Subcommittee for different functional activities comprises representatives of teachers, Non Teaching Staff and students. It includes the involvement of the staff for organizing different programmes of the College.



- Staff Orientation Programmes are organized by the College on regular basis
- Skill building programme Like SPSS training for faculties, Tally ERP training for faculties. Computational Skill Development programme for support staff
- Performance appraisal system
  - ❖ Self Appraised
  - ❖ VP, Dean, HOD's appraisal
  - ❖ Student feedback
- Promotion policy – College follows the promotion policies of the Higher Education Department. In addition College also has introduced seniority based and performance based promotions.
- Policy for compensation – College extends the following benefits to the staff members. Such as:
  - ❖ Provident fund – Each member of the staff shall subscribe to duly constituted College Provident Fund in accordance with statutory rule.
  - ❖ Gratuity – College pays Gratuity to the staff members after the superannuation of their service.
  - ❖ Leave Encashment – College pays leave encashment to the staff members as per the Higher Education Department guidelines. All teachers are treated at par.
- Performance Recognition
  - ❖ The College gives performance recognition by way of monetary incentives, like, sponsoring registration fees for the faculty members whose paper have been accepted at Seminars and Conferences (including International Conferences) providing the Ph. D registration fees to the candidates; by felicitating the retired staff members and recognising those with 25 years of service.

#### 6.3.7 Faculty and Staff recruitment

For Faculty Recruitments the following procedure is followed: -

- Advertisement with the details of the post, in all leading dailies
- Lecture Demonstration for all who apply. The departmental professors and experts not below the rank of Associate Professor evaluate the Demonstration.
- The Short listed candidates are finally asked to report for the interview.

For Support Staff: -

- Advertisement with the details of the post, in all leading dailies
- An interview board with one external expert conducts the screening of the candidates

#### 6.3.8 Industry Interaction / Collaboration

Interactions with the industry are done on regular basis. Their valuable suggestions are implemented at the time of revision of the syllabus. Suggestions are also implemented by the Placement Cell to increase the employability of the students.

#### 6.3.9 Admission of Students

Admission of students is fully online. Students are selected on the basis of marks and/or selection tests/interviews. For the purpose of admission the students are divided into four categories. The first (general category) is on merit. For the other three categories namely a) SC, ST, OBC (socially disadvantaged groups), Catholics, Other Christians, Economically backward, Differently-abled, b) Outstanding Sports Person, NCC Cadets, c) Sons and Daughters of Faculty, Alumni Members with long standing



record of service to the College and society, and for Defence Personnel, the application criteria are relaxed and the admission cut-off marks are lowered.

6.4 Welfare schemes for

Teaching	Subsidised Lunch, Annual Health Checkups and eye Checkups camps
Non teaching	Subsidised Lunch, Annual Health Checkups and eye Checkups camps, Group Mediclaim & Premium paid by the College
Students	Canteen, Common room, Infirmary(Sick Room), Doctor on call, attendants and nurses – male and female

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) have been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	<b>By a team of three -</b> ➤ Prof. Dhrubaranjan Dandapat, Dept. of Commerce and Chairman UG Board of Studies in Commerce, University of Calcutta and Secretary, IAA Research Foundation. ➤ Prof. Kanika Chatterjee, Department of Commerce, and Director, IQAC, University of Calcutta. ➤ Prof. Madhumala Sengupta, Retired Professor, Department of Education, University of Calcutta, Senior Research Fellow, ICSSR. ➤ Dr. Anjan Ghosh, Ex-Vice-President, Exide Industries and presently Technical and Management Consultant.	Yes	Vice Principals, Academic Council Secretary, Deans, HODs
Administrative			Yes	Principal & Vice Principals

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

For UG Programmes Yes  No

For PG Programmes Yes  No



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

To achieve a greater degree of transparency, accountability and fairness in the aspects of the preparation of examination question papers (QP's) and assessment a no of changes have been introduced from July 2013. The Principle, "One who teaches should also assess", have been adopted along with appropriate checks and balances. Theses control becomes operational at appropriate stages through the agency of peer review by externals and internals.

- Under new curriculum Arts & Science department are beginning to rethink & plan marks of evaluation beyond conventional 3 hr essay type exam; projects / term papers / etc.
- Preparation of the Question paper:
  - ❖ Course instructor sets QP's in accordance with the specific guidelines developed for the purpose Parallely a second set is prepared by the external paper setters.
- Moderation of QP's:

An external moderator prepares, from the two sets of a QP, one single paper in accordance with a set of specific guidelines. The course instructor who is also the internal paper setter is present during moderation to provide assistance and /or inputs if requested by the external moderator. The latter checks to ensure that the QP

  - ❖ Is valid
  - ❖ Covers the declared syllabus
  - ❖ Has stretch and
  - ❖ Is accessible to students of all categories of ability

To this effect the moderator is required to submit a confidential report.
- Assessment of the answer scripts:
  - ❖ A detailed Marking Scheme (MS) is developed in examiners' (external and internal) meeting. This is done to ensure that marking is reliable and consistent.
  - ❖ The course instructor marks the script in accordance with MS marking being done anonymously. "Blind" marking is practised.
  - ❖ Appropriate samples of the marked scripts (generally 30% of total from each packets) are evaluated independently by external using the agreed upon MS.
  - ❖ If the marks difference in a significant number of scripts (50% of a sample 20% scripts which are evaluated by the external examiner) varies by 15% then the internal examiner and the HOD separately are required to account for it. This inspection and scrutiny may be followed by 100% re-evaluation. This exercise provides an opportunity for self-learning by the internals.

Finally after the publication of the result a candidate may apply for "seeing" and /or "review". This "review" is done by another internal/ external examiner.

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

Not Applicable

## 6.11 Activities and support from the Alumni Association

The College has a very strong Alumni/ae Association with around 4000 members.



The Principal of the College is the ex-officio President of the association. The activities are as follows:

- Increase networking by means of setting up alumni/ae chapters in other Indian cities as well as countries abroad.
- Organizing the annual cultural show, “Beyond Barriers” to raise funds.
- Organizing “Beyond Boundaries”, an international convention.
- Organizing the Fr. Joris Memorial debate.
- The celebration of the Teachers’ Day to pay their respects to their teachers.
- Assisting and taking up various social projects such as- running a school in “Paikhala” village in South 24 Parganas.
- The association usually meet every Friday for fellowship and an open forum is held on the 1<sup>st</sup> Friday of every month where the Principal is present along with the honorary secretary and other governing council members.
- The Governing Council meets once in three months.
- The association has a dedicated office within the campus on the ground floor with a fulltime office attendant.
- Besides philanthropic activities the association extends its assistance to members of the association, and staff and students of the Colleges under exigencies.
- The association helps in forming and consolidating alumni associations in other institutions.
- SXCCAA is one of the many Jesuit alumni associations in India affiliated to Jesuit Alumni Association of India (JAAI). It is also a part of the International Federation World Union of Jesuit Alumni (WUJA).

The Alumini/ae contribute to the development of the institution by the following activities:

- Raising funds for NSS activities and Social work
- Providing scholarships to needy students
- Raising funds for the development projects of the College including the new College hostels and second campus
- Extending the spirit of St. Xavier’s through national and international conventions
- Consolidating the global association and fellowship of the alumni/ae by opening new chapters within the country and abroad
- Providing assistance in the placement of the students
- Providing support to various co-curricular and extracurricular activities

#### 6.12 Activities and support from the Parent – Teacher Association

We get very active support from the parents for the development of the institution, Community Development and other development programmes.

#### 6.13 Development programmes for support staff

Different Development programmes are organized by the College for the support staff such as:



- Orientation Programme
- Computer & Skill Based training
- Regular Birthday Celebration
- Sports
- Regular Medical Check-up

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

The initiatives taken by the College to make the campus eco-friendly are:

- Regular Cleanliness of Environment within & outside the campus
- Tree plantation within the campus with Garden
- Solar Energy
- Rain Water Harvesting



## 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.

- After every semester, the academic audit of each department is conducted by the respective Boards of Studies (BOS) and the Academic Council does the overall audit of the College. At the end of three years, with feedback from stakeholders and the experience gained during the three years, the BOS of every department undertakes a thorough revision of the syllabi to make it contemporary and more relevant.
- The College has introduced several certificate and diploma courses under Career Oriented Programmes for value addition.
- The career opportunities of the students are enhanced through internship, projects, participation in national & international seminars and development of leadership qualities through social activities, soft skill training, EDC activities and Career Oriented Programmes.
- Inclusive practices of the institution to impart holistic education are inherent in the system. The institution is completely secular in character. Students come from every social class, community and linguistic group. They are trained to become men and women of competence, commitment, compassion and conscience. Equity and access in availability, special attention to the weaker sections and representation of women in all aspects ensure promotion of social justice.
- Compulsory credit for social work and outreach activities, assistance to disaster victims, adoption of villages for rehabilitation work and educational assistance, blood donation camps etc. inculcate value based social responsibility and good citizenship amongst the student community.
- The College ensures participation of all students in extra and co-curricular activities through NSS, NCC, Sports, various cultural and departmental societies and Extension Programmes. A student has to earn six non-academic credits, one of which has to be earned through social work in order to inculcate social awareness and commitment.

#### **Department of Education**

- Club Activities(Interdisciplinary nature)
- Extension Activities- Community Service
- MOU has been signed among five teacher education Jesuit colleges of east and north east India and various exchange program has been started including sharing of information and knowledge through contribution of teachers in Journal, exchanging of various reports, circular etc.

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

The following actions were taken based on plans previously decided upon:

RAJARHAT CAMPUS





The construction of the boundary wall has been completed. Construction work of the Jesuit Residence, Administrative Building, main Academic Block, Library and Research Block, Community Hall and the Alumni Building is in considerable and satisfactory progress.

#### E-M BY PASS CAMPUS

Educational Multi Media Research Centre (EMMRC) on the E M Bypass Campus has been equipped with gadgets and amenities and is ready to house the research activities. We have received assistance from University Grant Commission (UGC) as we have upgraded the Research Centre with latest equipment of greater accuracy and variety.

#### A. J. C. BOSE ROAD HOSTELS

Father Leeming Boys' Hostel

Father Leeming Boys' Hostel at AJC Bose Road which was inaugurated on July 5, 2014 houses 229 inmates.

Mother Teresa Girls' Hostel:

Mother Teresa Girls' Hostel will be functional from the first week of July 2015 with a capacity of accommodating 184 girls.

#### RAGHABPUR CAMPUS

The Raghampur campus is the rural face of St. Xavier's College which started in July 2014. It has received immensely favorable response from the locality and by July 2015, the 2<sup>nd</sup> year of its function the estimated number of admission will go up from 126 to 250.

#### PARK STREET CAMPUS

Park Street Campus Expansion: The Park Street campus Hostel has been converted into

- The Lending Library on the Ground and 1<sup>st</sup> Floor, reading room on the 1<sup>st</sup> Floor.
- Department of Education on the Ground floor, 2<sup>nd</sup> and 3<sup>rd</sup> Floor.
- Library of The Department of Education on the 1<sup>st</sup> floor
- A Hall with a capacity of 200 on the 2<sup>nd</sup> floor.

The 3<sup>rd</sup> phase of renovation of the Jubilee Building has been completed with a Hall with a capacity of 200 and a class room.

#### DEPARTMENT OF EDUCATION

- Restructuring of Curriculum in accordance with two years B.Ed. curriculum
- Action Research by the students on school related topics.
- Educational Journal with ISSN No. 2319-3239
- Departmental Magazine, Eduvision
- Reform in evaluation system
- use of ICT in Teaching.(Films, Audio visuals, Critiquing cinema etc.)
- Student Involvement in Admission Procedure(Admission 2016-18)
- Training the students in administrative activities of the department.
- Infrastructure build as per NCTE requirement
- Teacher and non-teaching staff appointed
- Consultancy from EMMRC
- MOU signed with other B.Ed. colleges for exchange of students and teachers
- Visit to foreign universities to survey possibilities of international exchange





program of the Department.

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

- 360<sup>0</sup> feedback is taken from stakeholders and from every student
- Involvement of the alumni and other professionals for promoting the use of Jute Bags and Jute products

*Provide the details in annexure:*

7.4 Contribution to environmental awareness / protection

- Regular Cleanliness of Environment within & outside the campus
- Tree plantation within the campus with Garden
- Solar Energy
- Rain Water Harvesting
- Smoke Free Campus
- Plastic Free Campus
- NSS awareness programme

7.5 Whether environmental audit was conducted?    Yes     No   
 No formal audit, but regular awareness campaigns are conducted

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

- Strength of the Institutions are:
- Committed teaching staff and support staff
  - Very active alumni/ae
  - Strong management team
- Weakness of the Institutions are:
- Space constrain for further academic expansion in Park Street campus.
  - Requirement of more smart classrooms
  - Non availability of adequate government sanctioned post for different departments
  - Delay in introduction of choice based credit system in all the courses
- Opportunities of the Institution:
- Opening of Management institute
  - Opening of more Post Graduate courses
  - Tie-up with industry for training and research
- Challenges of the Institution:
- Introduction of New courses in emerging areas
  - Increasing numbers of applications for admission

**8. Plans of the Institution for next year.**

- Park Street Campus –
  - Introduction of Masters Course in English, Economics etc. from July 2016
  - Proposal to the Parent University (University of Calcutta) for the Degree in Philosophy (Ph. D) under St. Xavier's College (Autonomous)



- Proposal to Parent University for more intergraded courses like (Bachelors & Masters) like BMM
- More Memorandum of Understanding with Foreign and Indian Universities.
- International Student Exchange Agreement to be made with Macquarie University, New South Wales 2109, Australia.
- Memorandum of Understanding to be signed between Loyola Academy Degree and PG College, Alwal, Secunderabad
- Raghampur Campus –
  - History (Hons) at Raghampur Campus to started from the academic session 2015-16
  - Introduction of more Honours courses in the Raghampur Campus
- St. Lawrence Campus –
  - Extension of St. Lawrence Campus with construction of one new building
  - St. Xavier's College (St. Lawrence Campus) has been started from the academic year 2015-16 with 3 sections of B. Com (Hons). The numbers of student are 225.
  - Introduction of BBA (Hons) in the St. Lawrence Campus from July 2016
- Rajarhat Campus –
  - Construction of Vice Chancellor residence at Rajarhat Campus
  - Construction of Academic Building I
  - Shanti Hostel at Haridebpur
- AJC Bose Road Campus (Hostel) –
  - Father Leeming Boys' Hostel at AJC Bose Road, which was inaugurated on July 5, 2014, houses 229 inmates.
  - Mother Teresa Girls' Hostel will be functional from the first week of July 2015 with a capacity of accommodating 184 girls.
- Department of Education (B. Ed) –
  - Physical expansion and exclusive infrastructure
  - Construction of ICT room
  - Additional AV rooms
  - Separate common rooms for girls and boys
  - To increase the course duration
  - Exchange programme with other Colleges

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## Annexure 1

### Courses Offered by the College

#### PG –

- 1) Master in Commerce (Accounting & finance and Marketing Management)
- 2) Master in Science (Computer Science)
- 3) Master in Science (Physics)
- 4) Master in Science (Microbiology)
- 5) Master in Science (Integrated Biotechnology)
- 6) Master in Science (Multimedia & Animation with an exit option in 3<sup>rd</sup> Year)

#### B.Ed. –

- 1) Bachelor in Education (B. Ed)

#### UG –

- 2) Bachelor in Commerce (Accounting & Finance, Marketing Management & E-Commerce)
- 3) Bachelor in Arts (Bengali – Hons)
- 4) Bachelor in Arts (English – Hons)
- 5) Bachelor in Arts (Sociology – Hons)
- 6) Bachelor in Arts (Political Science – Hons)
- 7) Bachelor in Arts (General)
- 8) Bachelor in Arts (History – Hons) Raghampur
- 9) Bachelor in Science (Mathematics – Hons)
- 10) Bachelor in Science (Physics – Hons)
- 11) Bachelor in Science (Economics – Hons)
- 12) Bachelor in Science (Chemistry – Hons)
- 13) Bachelor in Science (Statistics – Hons)
- 14) Bachelor in Science (Microbiology – Hons)
- 15) Bachelor in Science (Computer Science – Hons)
- 16) Bachelor in Science (Mass Communication & Videography – Hons)
- 17) Bachelor in Science (Multimedia with Animation – Hons)
- 18) Bachelor in Business Administration ( Marketing Management & Financial Management)

#### PG Diploma –

- 1) Logistics & Supply-Chain Management (LSM)
- 2) Human Resource Management (HRM)
- 3) Marketing and Sales Management (MSM)
- 4) Integrated Marketing Communication (IMC)
- 5) Mass Communication and Public Relation (MCP)

#### Diploma -

- 1) Certified Accounts Professional (CAP)
- 2) Diploma in Multimedia & Animation

#### Certificate –

- 1) N.S.E. Certified Capital Market Professional (NCCMP)
- 2) Foreign Trade Practices and Management (FTM)
- 3) Tax Practices and Procedures (TPP)

#### Diploma and Certificate Programmes –

- 1) Certificate Course on Performing Arts
- 2) DOEACC Compute Courses



Diploma and Certificate Programmes –

- 1) Foundation Course in Human Rights and Duties Education
- 2) Under Graduate Course in Human Rights and Duties Education

IAS Guidance Centre -

- 1) IAS Guidance Centre

**Annexure 2**

- Feedback is regularly procured from different stakeholders in a systematic manner through structured questionnaire.
- The feedback is online as well as manual, the students' feedback is online and all others are manual.
- Student's Parliament is a major mode of feedback
- Feedback is also received from the Grievance Cell and Suggestion Box
- Feedback is taken on the following issues:
  - \* Infrastructure
  - \* Curriculum
  - \* Teaching Learning Experience
- College closely monitors the feedback, which is largely positive. Necessary action and adjustments are applied on an immediate implementation basis to ensure further improvement.

**Annexure 3**

**Seminar & conferences attended by the faculties**

Name Of Designator	Events	Venue	Level	Status
Prof. Rajni Gupta	Seminar: Symposium:Overcoming Challenges for Sustainable Corporate Excellence	St.Xavier's College,Kolkata with support from Indian Council of Social Science Research	National	Attended
Prof. Rajni Gupta	Symposium:UGC Sponsored: Overcoming Challenges for Sustainable Corporate Excellence	St.Xavier's College with support from Indian Council of Social Science Research	National	Attended
Dr. SUPRIYO PATRA	Seminar: UGC Sponsored National Symposium 2015 Overcoming Challenges for Sustainable Corporate Excellence	St. Xavier's College (Autonomous) Kolkata	National	Attended
Dr. SUPRIYO PATRA	Seminar: HUMAN VALUES DEVELOPMENT PROGRAMME	ST. XAVIER'S COLLEGE (AUTONOMOUS) KOLKATA	College	Attended



Dr. SUPRIYO PATRA	Seminar: Relevance of the concept of Make In India in transforming Business Strategies	St. Aloysius College(Autonomous) Mangaluru	National	Presented papers
Dr. SUPRIYO PATRA	Seminar: UGC Sponsored ONE DAY NATIONAL CONFERENCE ON Redfining Business Vision:Issues & Challenges	St. Xavier's College (Autonomous) Kolkata	National	Presented papers
Prof. Avishek Ghoshal	Seminar: TOWARDS PRAXIS : LITERATURE, SOCIETY & POLITICS	GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI	International	Presented papers
Prof. (Dr) Madhumita Bhattacharyya Roy	Seminar: Bankim Manas	St. Xavier's College (Autonomous) Kolkata	State	Attended
Prof. Dr. Aniruddha Banerji	102nd Indian Science Congress	Mumbai	International	Presented papers
Prof. (Dr) Aryadeep Roy Choudhury	Seminar: One-day symposium on Insight to Plant Biology Through Systems Approach	Bose Institute	National	Attended
Prof. (Dr) Aryadeep Roy Choudhury	Seminar: National Symposium "Exploring Biological System: Cell to Organism (EBS 2016)"	University of Calcutta	National	Attended
Prof. (Dr) Priyanka De	Seminar: National Seminar on "World Environment and We"	Indian Institute of Chemical Biology (ICB), Jadavpur, Kolkata, India.	National	Attended
Prof. (Dr) Priyanka De	Seminar: Faculty Improvement Programme for Junior teachers	St Xavier's College (Autonomous), Kolkata, India.	College	Attended
Prof. (Dr) Priyanka De	Seminar: National Seminar on "World Environment Day 2015"	Meghnath Saha Auditorium, Rajabazar Science College (University of Calcutta), 92, A.P.C Road, Kolkata- 700 009.	National	Attended
Prof. (Dr) Priyanka De	Seminar: 23rd West Bengal State Science	Presidency University, 86/1, College St,	State	Presented papers



	& Technology Congress 2016 (WBSSTC-2016)	College Square, Kolkata, West Bengal 700073.		
Prof. (Dr) Priyanka De	Seminar: National Seminar on "Higher Education: What India Needs?"™ organized by International Benevolent Research Foundation, Kolkata, in association with Confederation of Indian Universities, New Delhi, India.	Meghnath Saha Auditorium, Rajabazar Science College (University of Calcutta), 92, A.P.C Road, Kolkata- 700 009.	National	Attended
Prof. Souvik Roy	Recent Advances in Biotechnology	CSIR-Indian Institute of Chemical Biology, Kolkata	National	Presented paper
Prof. Souvik Roy	Workshop on Biophysics, organized by the Department of Physics, St. Xavier's™ College (Autonomous)	Department of Physics, St. Xavier's™ College (Autonomous), Kolkata, sponsored by DBT, Govt. of India under STAR College Scheme	National	Attended
Prof. Souvik Roy	CSIR-sponsored One-day International Seminar on "Frontiers in Translational & Regenerative Biology"™	Department of Zoology, Calcutta University	International	Presented paper
Prof. Souvik Roy	23rd West Bengal State Science & Technology Congress (WBSSTC), organized by Presidency University, Kolkata, Department of Science and Technology, Govt. of West Bengal and West Bengal Council of Science & Technology, Kolkata, Govt. of West Bengal	Presidency University, Kolkata	State	Presented paper
Prof. (Dr.) Ankur Ray	Seminar: National Symposium on facets of Chemistry in Biology (FOCB)	St. Xavier's College (Autonomous) Kolkata	National	Attended
Dr. Angsuman	Seminar: ICMC 2015	Haldia Institute of	International	Presented



Das		Technology		papers
Dr. Angsuman Das	Seminar: ICDCIT 2015	KIIT University, Bhubaneswar	International	Presented papers
Prof. Gholam Syedain Khan	Seminar: National Symposium on Overcoming Challenges for Sustainable Corporate Excellence	St. Xavier's College(Autonomous), Kolkata	National	Attended
Prof. Chandrani Dutta	Seminar: Overcoming Challenges for Sustainable Corporate Excellence	St. Xavier's College (Autonomous)Kolkata	National	Attended
Dr. NEELANJAN SEN	Seminar: 2nd International Research Scholars™ Workshop	Department of Economics, University of Calcutta	International	Attended
Prof. Madhu Agnihotri (Agarwal)	Seminar: Second National Conference on Computing and Systems 2012	Department of Computer Science, Burdwan University	National	Presented papers
Prof. Madhu Agnihotri (Agarwal)	Seminar: Human Value Development programme (HVDP) - Workshop for faculty of colleges in India	St. Xavier's college (Autonomous), kolkata	National	Attended
Prof. Madhu Agnihotri (Agarwal)	Seminar: Seminar on MATLAB and SIMULINK	St. Xavier's College	College	Attended
Prof. Mahua Basu	Seminar: National Symposium on "Overcoming Challenges for Sustainable Corporate Excellence"	Dept. Of Commerce (UG & PG) and Business Administration, St. Xavier's™s College (Autonomous), Kolkata with support from Indian Council of Social Science Research (ICSSR)	National	Attended
Prof. Mahua Basu	Seminar: Inertia 5, "Knowledge Marketing The Business of Knowing"	Department of Management (Faculty of Commerce), St. Xavier's™s College (Autonomous), Kolkata, Malaybalay City, Bukidnon, Philippines	International	Attended
Prof. Mahua Basu	Seminar: "Harnessing the sub-Himalayan Plant Diversity for Human	Dibrugarh University, Assam	International	Presented papers





	Welfare •			
Prof. Mahua Basu	Seminar: Faculty Development Programme	St Xavier's College (Autonomous), Kolkata	College	Attended
Prof. Mahua Basu	Seminar: UGC SPONSORED NATIONAL SYMPOSIUM ON "OVERCOMING CHALLENGES FOR SUSTAINABLE CORPORATE EXCELLANCE", DEPT. OF COMMERCE(UG &PG) AND BUSINESS ADMINISTRATION, ST. XAVIERS COLLEGE, KOLKATA WITH SUPPORT FROM INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH (ICSSR); 21 MAR 2015.	DEPT. OF COMMERCE(UG &PG) AND BUSINESS ADMINISTRATION, ST. XAVIERS COLLEGE, KOLKATA WITH SUPPORT FROM INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH (ICSSR)	National	Attended
Prof. Meenakshi Subramanian	Seminar: INERTIA- Knowledge Management	St.Xavier's College(Autonomous), Kolkata	International	Attended
Prof. Rinita Das	Seminar: overcoming challenges for sustainable corporate excellence	St. Xavier s' college	State	Attended
Prof. Rinita Das	Seminar: society,law and humanity	nano technology campus,university of calcutta,salt lake ,kolkata	International	Presented papers
Prof. (Dr) Sumona Ghosh	Seminar: CSR Reporting: Research Findings and Insights	Global Summit on CSR , organized by IIM Raipur, Indian Institute of Corporate Affairs and National Law School of India University Bangalore, New Delhi	National	Presented papers
Prof. Shirsendu Roy Chowdhury	Seminar: Overcoming Challenges for sustainable Corporate Excellence	St.Xavier's College (Autonomous) , Kolkata	National	Attended





Prof. Shirsendu Roy Chowdhury	Seminar: Redefining Business Vision : Issues and Challenges	St.Xavier's College (autonomous), Kolkata	National	Attended
Prof. Soumya Banerjee	Seminar: ICT Intervention in Gram Panchayet Accounting: Problems and Prospects	Science City, Kolkata	International	Attended
Prof. Sourav Tarafder	Seminar: The 6 th Indian Conference on Logic and its Applications	Indian Institute of Technology, Bombay, India.	International	Presented papers
Prof. Anal Acharya	Seminar: Information systems Design and Intelligent Applications	Kalyani University, Nadia	International	Presented papers
Prof. Debasish Ghorui	Seminar: Women Empowerment and National Development	Pailan College of Education	National	Presented papers
Prof. Debasish Ghorui	Seminar: Inclusice Education:Policy,Prac tice and Prospects	Satyapriya Roy College of Education, Kolkata	National	Presented papers
Prof. Debasish Ghorui	Seminar: Educational Research and its Future Perspectives	David Hare Training College, Kolkata	National	Presented papers
Prof. Debasish Ghorui	Seminar: Human Values Development Programme,Worksho p for Faculty of Colleges in India	St. Xavier's College, Kolkata	National	Attended
Prof. Debasish Ghorui	Seminar: Workshop for orientation/awareness programme on NAAC accreditation	David Hare College ( WBUTTEPA)	State	Attended
Prof. Debasish Ghorui	Seminar: International Seminar on Exploring Horizons in Teacher Education	David Hare College ( WBUTTEPA)	International	Presented papers
Prof. Debasish Ghorui	Seminar: Research Methodology and Applied Statistics	Institute of Professional Studies, Gwalior, M.P.	National	Attended
Prof. Susmita Paul	Seminar: Women Empowerment and National Development	Pailan College	State	Attended
Prof. Dr. Chandrani Biswas	Seminar: Visionz 2015	St. Xavier's College, Kolkata	College	Resource Persons
Prof. Dr. Chandrani	Seminar: In a time of Universal Deceit	Bidya Bharati Girls high school	College	Resource Persons



Biswas	telling the truth is a revolutionary act			
Prof. Dr. Chandrani Biswas	Seminar: Poets are the unacknowledged legislators of the world	Max Mueller Bhavan	College	Resource Persons
Prof. Dr. Chandrani Biswas	Seminar: Translating African-American poetry in to bengali	Jadavpur University	College	Presented papers
Prof. Dr. Chandrani Biswas	Seminar: The Mother of the Times	The Sitadel, Saltlake, West Bengal	State	Resource Persons
Prof. Uddalak Dutta	Seminar: Shakespeare Reconsidered	Rabindra Bharati University	International	Presented papers
Prof. Uddalak Dutta	Seminar: Exploring Moral Interfaces: Private Worlds and Public Systems.	The English and Foreign Languages University, Hyderabad, Telangana	International	Attended
Prof. Uddalak Dutta	Seminar: Exploring Moral Interfaces: Private Worlds and Public Systems.	The English and Foreign Languages University, Hyderabad, Telangana	International	Presented papers
Prof. Shamir Isha	Seminar: Annual Conference of Paschim Banga Itihaas Samsad	Derozio Memorial College, Rajarhat, Gopalpur, Kolkata	State	Attended
Prof. Shamir Isha	Seminar: Research Scholars Seminar Founders Day Anniversary	Institute of Historical Studies, Loudan Street Kolkata	State	Attended
Prof. Shamir Isha	Seminar: Research Scholars Seminar Founders Day Anniversary day International Seminar on Tribal History of India	Dr. Anita Banerjee Memorial Hall, Jadavpur University	International	Attended
Prof. (Dr) Tapati Dutta	Conference: First International Conference on Multiscale Applications of Surface Tension	Brussels, Belgium	International	Attended
Prof. (Dr) Tapati Dutta	Conference: Applications of Generalized Calculus in Physics and Applied Mathematics	Jadavpur University, Kolkata	National	Attended
Prof. (Dr) Saunak Palit	Seminar: Summer School on Optics & Photonics	St. Xavier's College, Kolkata	National	Attended
Prof. (Dr)	Seminar: Workshop	St. Xavier's College,	National	Attended



Saunak Palit	on Radio Astronomy	Kolkata		
Prof. Sarbari Guha	Seminar: CU Physics 100: Historical Highlights	Department of Physics, University of Calcutta	National	Attended
Prof. (Dr) Jhumpa Mukherjee	Seminar: Leverhulme International Network Workshop	University of Hyderabad	International	Presented papers
Dr. PANCHALI SEN	Seminar: Society & Human Rights	Indian Institute of Social Welfare & Business Management (IISWBM)	State	Presented papers
Dr. PANCHALI SEN	Seminar: Society & Human Rights	Indian Institute of Social Welfare and Business Management	National	Attended
Prof. Ayan Chandra	Seminar: Indian Science Congress	Mysuru	National	Presented papers
Prof. (Dr.) Chinmay Mukhopadhyay	Seminar: UGC & RRRLF SPONSORED TWO DAY NATIONAL SEMINAR ON NATIONAL MISSION ON LIBRARIES: DISSEMINATING KNOWLEDGE FOR THE DEVELOPING SOCIETIES	DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE, VIDYASAGAR UNIVERSITY, MIDNAPORE-721102, WEST BENGAL	National	Attended
Prof. Joyita Banerji	Seminar: Redefining Business Vision: Issues and Challenges	St Xavier's College (Autonomous), Kolkata	State	Attended
Prof. Joyita Banerji	Seminar: Overcoming Challenges for Sustainable Corporate Excellence	St Xavier's College (Autonomous), Kolkata	State	Attended
Prof. Shruti Goswami	Seminar: TOWARDS PRAXIS : LITERATURE, SOCIETY & POLITICS	GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DWARKA, DELHI	International	Presented papers
Prof. (Dr) Sreemoyee Guha Roy	Seminar: UGC Sponsored One-Day National Symposium on Overcoming Challenges For Sustainable Corporate Excellence	St.Xavier's College(Autonomous)	National	Attended
Prof. (Dr) Sreemoyee Guha Roy	Seminar: One-Day International Seminar	Shri Shikshayatan College	International	Presented papers
Prof. Soumya Saha	Seminar: Overcoming Challenges for	St. Xavier's College (Autonomous),	National	Attended



	Sustainable Corporate Excellence	Kolkata		
Prof. Soumya Saha	Seminar: 12th International Accounting Conference on Contemporary Issues in accounting and Finance	Science City, Kolkata Organized by IAA Research Foundation and Delloitte India	International	Presented papers
Prof. Soumya Saha	Seminar: Corporate Governance and Business Ethics in Indian Business Environment	The Bhawanipur Education Society College, Kolkata organized by PG Dept of Commerce, Bhawanipur Education Society College in collaboration with Dept. of Commerce, University of Calcutta	National	Attended
Prof. Soumya Saha	Seminar: JDBI Management Conference	JD Birla Institute of Management	National	Presented papers
Prof. Chandra Kant Parmar	Seminar: Inertia Vol. - 5	St. Xavier's College, Kolkata	International	Attended
Prof. Chandra Kant Parmar	Seminar: Overcoming Challenges for Sustainable Corporate Excellence	St. Xavier's College (Autonomous), Kolkata, Department of Commerce [PG & UG] and Business Administration with support from Indian Council of Social Science Research (ICSSR)	National	Attended
Prof. Saugata Mitra	Seminar: International Conference on Nonlinear Dynamics, Analysis and Optimization (ICNDAO 2015)	Department of Mathematics, Jadavpur University, Kolkata	International	Attended
Prof. Saugata Mitra	Seminar: International Conference on Nonlinear Dynamics, Analysis and Optimization (ICNDAO 2015)	Department of Mathematics, Jadavpur University, Kolkata	International	Presented papers
Prof. Debasree Lahiri	Seminar: Violation of Human Rights and Displacement of the Garifuna People of Honduras	The University of Minnesota ,Duluth, USA	International	Attended
Prof. Debasree	Seminar: Youth	The University of	International	Attended



Lahiri	Programs in Petrozavodsk, Russia and working with Men as Peacemakers	Minnesota ,Duluth, USA		
Prof. Debasree Lahiri	Seminar: American Public Policy at the McCarthy Centre for Public Policy	College of Saint Benedict and Saint John's University ,USA	International	Attended
Prof. Debasree Lahiri	Seminar: India Today: Traditions, Politics and Geopolitics by Thomas Hanson , Former US State Department Foreign Service Officer	The University of Minnesota, Duluth, USA	International	Attended
Prof. Nabin Thakur	Seminar: Workshop: New Curriculum for Two Years B.Ed. Programme.	St. Xavier's College (Autonomous), Kolkata	College	Attended
Prof. Hanzala Awais	Seminar: One Day National Conference on Redefining Business Vision : Issues and Challenges	Department of Commerce and Business Administration, St. Xavier's College (Autonomous) Kolkata	National	Attended
Prof. Hanzala Awais	Seminar: National Seminar on Cost Management and Prof. G. D. Roy Memorial Lecture	The Institute of Cost Accountants of India - ICAI - Headquarters, Kolkata.	National	Attended
Prof. Hanzala Awais	Seminar: Edu-Cultural Festival - 2015	City Group of Colleges (South Calcutta Branch)	State	Attended
Prof. Hanzala Awais	Seminar: Career Awareness Seminar on the theme "Commerce Education and Beyond - the Professional Edge"	Calcutta University's "Centenary Hall, College Street Campus, Kolkata"	State	Attended
Prof. Hanzala Awais	Seminar: Enhancement of Quality in Institutions of Higher Education	Sivanath Sastri College, Kolkata	State	Attended
Prof. Priyadarshini Rasquinha	Seminar: UGC Sponsered One day National Seminar on Redefining Business Vision: Issues and Challanges	Department of Commerce and Business Administration, St. Xavier's College (Autonomous)	National	Attended



		Kolkata		
Prof. Priyadarshini Rasquinha	Seminar: National Seminar on Cost Managment & Prof. G. D. Roy Memorial lecture	The Institute of Cost Accountants of India, ICAI, Head Qaurters Kolkata	National	Attended
Prof. Priyadarshini Rasquinha	Seminar: Edu-Cultural Festival - 2015	City Group of Colleges (South Calcutta Branch)	State	Attended
Prof. Gaurav Deep Rai	Seminar: Emerging trends in Human Resource Development	Banaras Hindu University,	National	Presented papers

#### Annexure 4

Department	Name Of Designator	events	level	Status
Commerce(Morning)	Dr. Soheli Ghose	Refresher: 7 day workshop	National	FDP
Commerce(Morning)	Prof. Rinita Das	Refresher: faculty development program	National	FDP
BBA	Prof. Rajni Gupta	Refresher: Faculty development programme workshop	National	FDP
Commerce(Morning)	Prof. Meenakshi Subramanian	Refresher: Workshop on Research Methodology using SPSS	National	FDP
Commerce(Morning)	Prof. Shirsendu Roy Chowdhury	Refresher: FDP	National	FDP
Commerce(Evening)	Prof. Santa Ghosal	Refresher: Refresher Course in Commerce	State	Refresher course
Commerce(Evening)	Dr. Neelanjan Sen	Refresher: Faculty Development Programme	State	FDP
Commerce(Evening)	Dr. Neelanjan Sen	Refresher: Human Values Development Programme	National	FDP
Commerce(Morning)	Prof. Mahua Basu	Refresher: Orientation Programme	National	Orientation Programs
Commerce(Morning)	Prof. Rinita Das	Refresher: refresher course	State	Refresher course
Education	Prof. Susmita Paul	Refresher: Workshop	State	Orientation Programs
Microbiology	Prof. Kasturi Sarkar	Refresher: workshop	State	FDP
RB-Campus(History)	PROF. PROSENJIT GHOSH	Training: Faculty Development Programme	National	FDP
History	Prof. Shamir Isha	Refresher: Faculty Development Programme	State	FDP
Biotechnology	Prof. Souvik Roy	Orientation Program (OP)	National	Orientation Programs



### Annexure 5A

<b>Major Project from July 2015 to June 2016</b>		
1	Name:	Chandana Barat
	Department:	Biotechnology
	Title of Project:	Effect of translation speed and chaperones on folding of recombinant green fluorescent protein and firefly luciferase in escherichiacoli
	Funding Authority:	SERB
	Nature :	Major
	Grant:	Rs. 35,55,000
	Starting Date :	12-Feb-13
	Status:	Completed (March 2016)
2	Name:	Dipankar Chakraborti
	Department:	Biotechnology
	Title of Project:	Identification of Molecular factors associated with fusarium udum resistance in pigeonpea cultivars
	Funding Authority:	SERB
	Nature :	Major
	Grant:	Rs. 26,00,000
	Starting Date :	04-Jul-13
	Status:	Completed (February 2016)
3	Name:	Aryadeep Roy Choudhury
	Department:	Biotechnology
	Title of Project:	Molecular analysis of the expression of abscisic acid inducible genes in the developing grains: comparison between salt sensitive and salt tolerant rice varieties
	Funding Authority:	SERB
	Nature :	Major
	Grant:	Rs. 24,95,000
	Starting Date :	04-May-12
	Status:	Completed (March 2016)
4	Name:	Jhimli Dasgupta
	Department:	Biotechnology
	Title of Project:	Structural And Functional insights into the periplasmic Fe(III) and heme binding proteins fhuC hutB of Vibrio cholerae to unravel the mechanism of iron uptake in survival strategy
	Funding Authority:	DAE-BRNS





	Nature :	Major
	Grant:	Rs. 29,37,763
	Starting Date :	April 2013
	Status:	Completed (March 2016)
1	Name:	Dipankar Chakraborti
	Department:	Biotechnology
	Title of Project:	Development of pod borer resistant pigeonpea and chickpea
	Funding Authority:	ICAR
	Nature :	Major
	Grant:	Rs. 75,00,000
	Starting Date :	January 2011
	Status:	On going (To be completed by March 2017)
2	Name:	Aniruddha Banerji
	Department:	Biotechnology
	Title of Project:	Epidermal growth factor Receptor (EGFR) a potential regulator of Matriji Metalloproteases (MMP)
	Funding Authority:	WB-DST
	Nature :	Major
	Grant:	Rs. 17,62,614
	Starting Date :	February 2014
	Status:	On going
3	Name:	Aryadeep Roy Choudhry
	Department:	Biotechnology
	Title of Project:	Dissecting the basis of biochemical and molecular-genetic regulation of aroma production in common aromatic indica rice varieties
	Funding Authority:	CSIR, Government of India
	Nature :	Major
	Grant:	Rs. 26,00,000
	Starting Date :	December 2014
	Status:	On going
4	Name:	Uma Siddhanta
	Department:	Biotechnology
	Title of Project:	Elucidation of the role of differently phosphorylated Dok-3 (Downstream of Kivere 3) in the bio-genesis of phagolysosome in





		leishmania donorani infected macro phages
	Funding Authority:	DBT-WB
	Nature :	Major
	Grant:	Rs. 29,73,000
	Starting Date :	May 2015
	Status:	On going
5	Name:	Partha Pratim Ghosh
	Department:	Economics
	Title of Project:	Sources of growth of foodgains in Indian Agriculture during the pre-reform and reform periods
	Funding Authority:	Indian Concil of Social Sicence Research (ICSSR)
	Nature :	ICSSR Research Project
	Grant:	Rs. 4,28,925
	Starting Date :	15-Mar-11
	Status:	On-Going
6	Name:	Sanjib Ganguly
	Department:	Chemistry
	Title of Project:	Synthesis, structure, theotrical study and exploration of reactivity of transition metal complexes with ligands containing azo group in conjunction with other function
	Funding Authority:	UGC
	Nature :	Major
	Grant:	4, 48, 000
	Starting Date :	March 2013
	Status:	Ongoing
7	Name:	Jhimli Dasgupta
	Department:	Biotechnology
	Title of Project:	Structural and mechanisitie imiguts of the bacterial enhancer by second messenger c-di-GMP
	Funding Authority:	DST
	Nature :	Major
	Grant:	Rs. 49,89,720
	Starting Date :	April 2016
	Status:	Ongoing



8	Name:	Ronita Nag Chaudhuri
	Department:	Biotechnology
	Title of Project:	Understanding the mechanism of AB13 Gene regulation during desiccation stress response
	Funding Authority:	CSIR
	Nature :	Major
	Grant:	Rs. 28,00,000
	Starting Date :	October 2015
	Status:	Ongoing
9	Name:	Arup Kumar Mitra
	Department:	Microbiology
	Title of Project:	EDO in plant tissue culture and advanced laboratory techniques
	Funding Authority:	DST
	Nature :	Major
	Grant:	Rs. 4,80,000
	Starting Date :	February 2016
	Status:	Ongoing
10	Name:	Sanjib Ganguly
	Department:	Chemistry
	Title of Project:	WBDST Major Research Project entitled "Mono and Polynuclear Complexes with acidic Oximato Function: Synthesis and Spectral, Electrochemical, Theoretical & Reactivity Study (Rs 12,78,000)
	Funding Authority:	WBDST
	Nature :	Major
	Grant:	Rs. 12,78,000
	Starting Date :	April 2016
	Status:	Ongoing (to be Completed in March 2019)

### **Annexure 5B**

<b>Minor Project from July 2015 to June 2016</b>		
1	Name:	Shalabh Agarwal
	Department:	Computer Science
	Title of Project:	A Practical Approach towards the...in Higher Education Institute



	Funding Authority:	UGC
	Nature :	Minor
	Grant:	RS. 2, 00, 000
	Starting Date :	5-Feb-13
	Status:	Completed (September 2015)
2	Name:	Jayati Ghosh Dastidar
	Department:	Computer Science
	Title of Project:	Automated Close Curcuit Television Survillience
	Funding Authority:	UGC
	Nature :	Minor
	Grant:	RS. 3, 04, 000
	Starting Date :	18-Mar-14
	Status:	Completed (May 2016)
3	Name:	Surupa Chakraborty
	Department:	Staistics
	Title of Project:	Ascertainment Adjusted Familala Data Analysis Under Some Irregular Phenomena
	Funding Authority:	CSIR
	Nature :	Minor
	Grant:	Rs. 3,64,000
	Starting Date :	4-Oct-12
	Status:	On-going
4	Name:	Panchali Sen
	Department:	Political Science
	Title of Project:	National Mission for Education through ICT
	Funding Authority:	MHRD, GOI
	Nature :	Minor
	Grant:	No Grant
	Starting Date :	February 2014
	Status:	Ongoing
5	Name:	Argha Banerjee
	Department:	English



	Title of Project:	'Tracking Tigers, Writing Wildlife'
	Funding Authority:	UGC
	Nature :	Minor
	Grant:	Rs. 2, 30, 000
	Starting Date :	August 2014
	Status:	Ongoing
6	Name:	Sukanya Sarkhel
	Department:	BBA
	Title of Project:	Work Participation And Gender Wage Gap: An Enquiry Into The Role Of Social Institution In Indian Labour Market
	Funding Authority:	UGC
	Nature :	Minor
	Grant:	Rs. 2, 05, 000
	Starting Date :	February 2015
	Status:	Ongoing
7	Name:	Soumi Bhattacharya
	Department:	B.Com (Evening)
	Title of Project:	Regional Disparity In India During The First Decade Of 21st Century
	Funding Authority:	UGC
	Nature :	Minor
	Grant:	Rs. 2, 10, 000
	Starting Date :	February 2015
	Status:	Ongoing
8	Name:	Sonali Sen
	Department:	Computer Science
	Title of Project:	Intelligent Control system to detect fault of a Machine by analyzing Acoustic parameters
	Funding Authority:	UGC
	Nature :	Minor
	Grant:	4,22,000
	Starting Date :	February 2015
	Status:	Ongoing



9	Name:	Kasturi Sarkar
	Department:	Mircobiology
	Title of Project:	effect of prebiotics on the antibiotics sensitivity pattern of various lactobacilli
	Funding Authority:	UGC
	Nature :	Minor
	Grant:	Rs. 4,00,000
	Starting Date :	February 2015
	Status:	Ongoing
10	Name:	Anindita Banerjee
	Department:	Microbiology
	Title of Project:	Screening of tribal medical plants from Paschim mednipur for their antioxidants and antimicrobial properties
	Funding Authority:	UGC
	Nature :	Minor
	Grant:	Rs. 3,60,000
	Starting Date :	February 2015
	Status:	Ongoing
11	Name:	Arup Kr. Mitra
	Department:	Microbiology
	Title of Project:	Entrepreneurship Awareness Camp in the field of Science and technology
	Funding Authority:	DST
	Nature :	Minor
	Grant:	Rs. 50,000
	Starting Date :	February 2015
	Status:	Completed (March 2016)

## Annexure 6

### Details of Publication by Faculties

Name Of Designator	Title	Level	Status
Prof. Baishali Agarwal	Referred: An Empirical Investigation of Institutional Investors of India- A Study between 2012- 2015	National	Referred



Dr. Supriyo Patra	Book chapter: A study focusing on the Challenging Dimension of celebrity Selection and Effect on Brand Awareness	National	Book chapter
Dr. Supriyo Patra	Referred: RELATIONSHIP BETWEEN GENDERS OF BOLLYWOOD CELEBRITIES & THEIR BRAND RECALL AMONG MALE CONSUMERS OF KOLKATA	National	Referred
Dr. Supriyo Patra	Referred: A study on Dealers Perception about Berger Silk Illusions in Kolkata	With ISBN/ISSN	Referred
Dr. Supriyo Patra	Referred: A Study on Consumer's Online Shopping Behaviour in Kolkata	With ISBN/ISSN	Referred
Dr. Supriyo Patra	Referred: 'Impact of "Q" score of Indian Cricketers on Brand Recall and Brand Preference of male and female respondents of Kolkata'	With ISBN/ISSN	Referred
Dr. Supriyo Patra	Referred: BRAND AWARENESS GENERATING CAPABILITY OF INDIAN CRICKETERS IN KOLKATA	With ISBN/ISSN	Referred
Dr. Supriyo Patra	Referred: A Study on the Perception of Women in Kolkata towards Shampoo	With ISBN/ISSN	Referred
Dr. Supriyo Patra	Referred: A Study on the Perception of Women in Kolkata towards Shampoo	With ISBN/ISSN	Referred
Dr. Supriyo Patra	Conference proceedings: Competence of Bollywood Celebrities in generating Brand Recall in Kolkata.	With ISBN/ISSN	Conference proceedings
Dr. Supriyo Patra	Referred: Perception of Ladies of Kolkata towards celebrity Endorsement for beauty creams.	With ISBN/ISSN	Referred
Dr. Supriyo Patra	Book chapter: Brand Positioning in Rural India with Bollywood Celebrities-A Conceptual Study.	With ISBN/ISSN	Book chapter
Dr. Supriyo Patra	Book chapter: Reference Group Appeal generated by Indian Celebrities in Marketing communication	With ISBN/ISSN	Book chapter
Dr. Supriyo Patra	Referred: Celebrity Selection & Role of Celebrities in creating Brand Awareness and Brand Preference-A Literature Review.	With ISBN/ISSN	Referred
Dr. Supriyo Patra	Book chapter: Impact of Indian Cricketers as Brand Endorser: A	With ISBN/ISSN	Book chapter



	case study in Kolkata		
Dr. Supriyo Patra	Inter-college magazine/Journal: Big Ideas Small Slogans Brands are connecting with our Emotions	Without ISBN/ISSN	Inter-college magazine/Journal
Prof. Avishek Ghoshal	Non referred Journal: Ami Ek Nishthur Samye Bneche Achi : Amitava Samajpoti-r Uponyas	With ISBN/ISSN	Non Referred Journal
Prof. Avishek Ghoshal	Book: Apurba Birangana by Debendranath Sen	With ISBN/ISSN	Book
Prof. (Dr) Madhumita Bhattacharyya Roy	Referred: Prachin o Uttor Adhunik	With ISBN/ISSN	Referred
Prof. (Dr) Madhumita Bhattacharyya Roy	Book: Mantor Galper Meyera	With ISBN/ISSN	Book
Prof. Dr. Aniruddha Banerji	Stem Cells and Cancer: the Cancer Stem Cell (CSC) Model	With ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Endogenous glycine betaine accumulation mediates abiotic stress tolerance in plants	With ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Abscisic-acid-dependent basic leucine zipper (bZIP) transcription factors in plant abiotic stress	With ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Transcriptome Analysis of Abiotic Stress Response in Plants (Editorial article)	With ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Pre-treatment of seeds with salicylic acid attenuates cadmium chloride-induced oxidative damages in the seedlings of mungbean (Vigna radiata L. Wilczek)	With ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Immobilized enzyme technology: potentiality and prospects	Without ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Metabolic and molecular-genetic regulation of proline signaling and its cross-talk with major effectors mediates abiotic stress tolerance in plants	With ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Emerging techniques to decipher microRNAs (miRNAs) and their regulatory role in conferring abiotic stress tolerance of plants	With ISBN/ISSN	Referred



Prof. (Dr) Aryadeep Roy Choudhury	Book chapter: Plant Responses to Light Stress: Oxidative Damages, Photoprotection, and Role of Phytohormones	With ISBN/ISSN	Book chapter
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Jacks of metal(loid) chelation trade in plants – an overview	With ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: WRKY Proteins: signaling and regulation of expression during abiotic stress responses	With ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Lipids and proteins – major targets of oxidative modifications in abiotic stressed plants	With ISBN/ISSN	Referred
Prof. (Dr) Aryadeep Roy Choudhury	Referred: Group II late embryogenesis abundant (LEA) proteins: structural and functional aspects in plant abiotic stress	With ISBN/ISSN	Referred
Prof. (Dr) Dipankar Chakraborti	Referred: Disruption of the sugar transporters AtSWEET11 and AtSWEET12 affects vascular development and freezing tolerance in Arabidopsis	With ISBN/ISSN	Referred
Prof. (Dr) Priyanka De	Book chapter: Bonding	National	Book chapter
Prof. (Dr) Priyanka De	Inter-college magazine/Journal: Poem The Bondage of Bond	National	Inter-college magazine/Journal
Prof. (Dr) Priyanka De	Inter-college magazine/Journal: Research Article entitled Enigma of Slumber	National	Inter-college magazine/Journal
Prof. (Dr) Priyanka De	Referred: Enigma of Slumber	National	Referred
Prof. (Dr) Priyanka De	Referred: Krodhagnir Antoraale	National	Referred
Prof. (Dr) Priyanka De	Referred: Khadyabhyasher Aborto Korkot Rog	National	Referred
Prof. (Dr) Priyanka De	Referred: Manoshik Bhitir Antoraale	National	Referred
Prof. (Dr) Priyanka De	Inter-college magazine/Journal: Scientific Article – 'Cognitive Neuroscience: The mind at play'	National	Inter-college magazine/Journal
Prof. (Dr) Priyanka De	Inter-college magazine/Journal: Bengali poem Avinyo Shotyaa	National	Inter-college magazine/Journal
Prof. (Dr) Priyanka De	Inter-college magazine/Journal: Scientific Article entitled Heart - An Enchanting Pump	National	Inter-college magazine/Journal
Prof. (Dr) Priyanka De	Inter-college magazine/Journal: Scientific Article entitled Human intelligence: Mystery of Cognitive Neuroscience	National	Inter-college magazine/Journal





Prof. (Dr) Priyanka De	Referred: Sangeet Sudhar Mahatyo	National	Referred
Prof. (Dr) Priyanka De	Book Chapter: Poem Cognizance	National	Book
Prof. (Dr) Priyanka De	Book chapter: Poem At the Bend of the path	National	Book chapter
Prof. (Dr) Priyanka De	Referred: Ronger Aborto Bhabnar Rongmoshal	National	Referred
Prof. (Dr) Priyanka De	Referred: Biswo-ushnayoner antoraale swastho bivrat	National	Referred
Prof. (Dr) Priyanka De	Inter-college magazine/Journal: Poem Avinnyo Shotva, Page 155, The Xaverian 2016	National	Inter-college magazine/Journal
Prof. (Dr) Priyanka De	Referred: Diverse Facets of Lipid Metabolism in Cardiac Pathology	National	Referred
Prof. (Dr) Priyanka De	Book: The Ultimate Query, A translation work based on Sarat Chandra Chattopaddhya Sesh Prasna	National	Book
Prof. (Dr) Ronita Nag Chaudhuri	Referred: ABI3 mediates dehydration stress recovery response in Arabidopsis thaliana by regulating expression of downstream genes	With ISBN/ISSN	Referred
Prof. Souvik Roy	Mycobactericidal potency of Garlic Extract: with special references to differential expression profiles of NF-B by SDS-PAGE-Western Blot analysis and corresponding changes in NOS-SOD activities	Without ISBN/ISSN	Conference Proceedings
Prof. Souvik Roy	Bactericidal Effect of Garlic Extract on Mycobacterium smegmatis	With ISBN/ISSN	Referred Journal
Prof. Souvik Roy	Changes in signal cross-talking in Mycobacterium smegmatis infected murine macrophages in presence of aqueous garlic extract	With ISBN/ISSN	Referred Journal
Prof. Souvik Roy	~Multidrug Resistant Mycobacterium and Aqueous Extract of Garlic as Alternative Phytotherapy~™	Without ISBN/ISSN	Conference proceedings
Prof. Souvik Roy	~Viability and morphological changes in macrophages in response to Mycobacterium infections: with special references to permeability to fluorescent dyes in nucleus and miRNA synthesis~™ (under the section ~Medical Sciences, including Physiology~™)	Without ISBN/ISSN	Conference proceedings



Prof. Souvik Roy	~Garlic: A Potential Green Pharmacy for TB~™	Without ISBN/ISSN	Conference proceedings
Prof. Souvik Roy	~Garlic ~ An Effective Home Remedy for TB~™	Without ISBN/ISSN	Conference proceedings
Prof. Souvik Roy	~Green Pharmacy: the future treatment of TB~™	Without ISBN/ISSN	Inter-college magazine
Dr. Angsuman Das	Inter-college magazine/Journal: PhD Blacks - an excursion into reality	Without ISBN/ISSN	Inter-college magazine/Journal
Prof. Gholam Syedain Khan	Referred: Private Placements in the Indian Capital Market ~ with reference to the Companies Act, 2013	With ISBN/ISSN	Referred
Prof. Gholam Syedain Khan	Conference proceedings: Impact of Foreign Direct Investment in Economic Growth ~ Empirical Evidence from India	With ISBN/ISSN	Conference proceedings
Prof. Gholam Syedain Khan	Referred: Indian Banking System: A Critical Evaluation of its Performance in Spreading Financial Inclusiveness	With ISBN/ISSN	Referred
Prof. Santa Ghosal	Referred: Child Actors in Adverstisement	With ISBN/ISSN	Referred
Prof. Soma Nath	Non referred Journal: Changing Consumer - Scape: A Study on the change in consumer and consumer behaviour in the Indian Cosmetics Industry	With ISBN/ISSN	Non referred Journal
Prof. Soma Nath	Non referred Journal: Greening the Supply Chain	With ISBN/ISSN	Non referred Journal
Prof. Soma Nath	Referred: Integrating Sustainability in Supply Chain Management	With ISBN/ISSN	Referred
Dr. NEELANJAN SEN	Referred: GENDER EMPOWERMENT, DEPRIVATION AND POVERTY IN RURAL JHARKHAND: A CASE STUDY	With ISBN/ISSN	Referred
Dr. NEELANJAN SEN	Referred: ~Unilateral~ • technology licensing from an entrant to incumbent monopolist	With ISBN/ISSN	Referred
Dr. NEELANJAN SEN	Referred: Technology transfer and its effect on innovation	With ISBN/ISSN	Referred
Dr. NEELANJAN SEN	Book chapter: Foreign Capital Inflow: A Potential Source of Variety Gains	With ISBN/ISSN	Book chapter
Dr. NEELANJAN SEN	Referred: Indirect Taxes in Oligopoly in Presence of Licensing Opportunities	With ISBN/ISSN	Referred
Dr. NEELANJAN	Referred: Technology Transfer in Oligopoly in Presence of Fixed-	With ISBN/ISSN	Referred



SEN	Cost in Production		
Dr. NEELANJAN SEN	Referred: TRADE NEGOTIATIONS UNDER ALTERNATIVE BARGAINING STRUCTURE	With ISBN/ISSN	Referred
Prof. (Dr) Atish Prosad Mondal	Book chapter: Prospect of Developing sustainable heritage tourism in Kolkata	With ISBN/ISSN	Book chapter
Prof. (Dr) Atish Prosad Mondal	Book chapter: Fair Price Medicine Shops in West Bengal	With ISBN/ISSN	Book chapter
Prof. Sadhana Jha	Referred: vidyapati ki sanskritik chetna	With ISBN/ISSN	Referred
Prof. Sadhana Jha	Referred: prem janmejay ka samajik sarokar	With ISBN/ISSN	Referred
Prof. Madhu Agnihotri (Agarwal)	Book: Cloud Computing For SMEs And The Indian Scenario	With ISBN/ISSN	Book
Prof. Madhu Agnihotri (Agarwal)	Conference proceedings: Cloud Computing For SMEs And The Indian Scenario	With ISBN/ISSN	Conference proceedings
Prof. Mahua Basu	Referred: Memory enhancement by tamoxifen on amyloidosis mouse model	With ISBN/ISSN	Referred
Prof. Mahua Basu	Referred: Effect of Scopoletin on monoamine oxidases and brain amines	With ISBN/ISSN	Referred
Prof. Mahua Basu	Book: Fundamentals of Environmental Studies	With ISBN/ISSN	Book
Prof. Mahua Basu	Inter-college magazine/Journal: Youthink	With ISBN/ISSN	Inter-college magazine/Journal
Prof. Mahua Basu	Conference proceedings: Evaluation of anti-Alzheimer's activity of Scopoletin	Without ISBN/ISSN	Conference proceedings
Prof. Mahua Basu	Conference proceedings: TWO DAY INTERNATIONAL CONFERENCE ON "HARNESSING THE SUB-HIMALAYAN PLANT DIVERSITY FOR HUMAN WELFARE"; ORGANISED BY DIBRUGARH UNIVERSITY, ASSAM; 11-13 MARCH 2015. PAPER PRESENTED ON "EVALUATION OF ANTI-ALZHEIMER'S ACTIVITY OF SCOPOLETIN".	Without ISBN	Conference proceedings
Prof. Rinita Das	Referred: youthink	With ISBN/ISSN	Referred
Prof. Rinita Das	Referred: youthink	With ISBN/ISSN	Referred



Dr. Soheli Ghose	Referred: An Analysis of the Growth of EXIM Bank as India's Premier Export Financing Institution	With ISBN/ISSN	Referred
Dr. Soheli Ghose	Book: The Growth and Development of Mutual Funds in India	With ISBN/ISSN	Book
Dr. Soheli Ghose	Book: Mutual Funds in India: A Look into the Past, Present and Future	With ISBN/ISSN	Book
Dr. Soheli Ghose	Book: Performance of Indian Mutual Funds during the Global Financial Crisis.	With ISBN/ISSN	Book
Dr. Soheli Ghose	Conference proceedings: Mutual Funds as a tool for Financial Inclusion	With ISBN/ISSN	Conference proceedings
Dr. Soheli Ghose	Book: MUTUAL FUNDS IN INDIA - A POPULAR INVESTMENT TOOL	With ISBN/ISSN	Book
Dr. Soheli Ghose	Referred: Derivatives Segment and Cash Segment in India: A Comparative Performance Analysis	With ISBN/ISSN	Referred
Dr. Soheli Ghose	Referred: The Changing Dynamics of Oil World	With ISBN/ISSN	Referred
Prof. Anal Acharya	Referred: Smart Computing Review	With ISBN/ISSN	Referred
Prof. Anal Acharya	Referred: Smart Computing Review	With ISBN/ISSN	Referred
Prof. Anal Acharya	Referred: Informatica Economica	With ISBN/ISSN	Referred
Prof. Anal Acharya	Referred: International Journal of Computer Science and Informational Technology	With ISBN/ISSN	Referred
Prof. Debabrata Datta	Conference proceedings: A Soft Computing Approach of Materialized View Creation	With ISBN/ISSN	Conference proceedings
Prof. Debabrata Datta	Referred: Materialized View Generation using Apriori Algorithm	With ISBN/ISSN	Referred
Prof. Debabrata Datta	Referred: Text Classification using Support Vector Machine	With ISBN/ISSN	Referred
Prof. Debabrata Datta	Referred: Text Classification using Support Vector Machine	With ISBN/ISSN	Referred
Prof. Debabrata Datta	Referred: Text Classification using Support Vector Machine	With ISBN/ISSN	Referred
Prof. Debabrata Datta	Referred: IOSR Journal of Computer Engineering	With ISBN/ISSN	Referred
Prof. Dr Asoke Nath	Issues and Challenges in Spectrum management	National	Journal



Prof. Dr Asoke Nath	A New Bit-level Columnar Transposition Encryption Algorithm	International	Journal
Prof. Dr Asoke Nath	MapReduce : A Comprehensive Study on Applications, Scope and Challenges	International	Journal
Prof. Dr Asoke Nath	Challenges in Data Science: A Comprehensive Study on Application and Future Trends	International	Journal
Prof. Dr Asoke Nath	Green Solutions: A Pilot Study on Green Technology and Green Computing	International	Journal
Prof. Dr Asoke Nath	Mathematical Modeling of Democratic Relationship in Social Networks " Implementation of Game Theory	International	Journal
Prof. Dr Asoke Nath	Security and Privacy Issues of Internet of Things : Challenges and Threats	International	Journal
Prof. Dr Asoke Nath	Secured data encryption standard (SDES-1) Version 1	International	Journal
Prof. Dr Asoke Nath	A Pilot Study on Natural Language Processing " Applications of Finite State Automation	National	Journal
Prof. Dr Asoke Nath	Mathematical Modeling on Decision Based Relationship in Social Networks	National	Journal
Prof. Dr Asoke Nath	A Pilot Study on the Security Issues of Smartphone Systems	International	Journal
Prof. Dr Asoke Nath	Bit Level Symmetric Key Encryption Algorithm (BLSKEA-1) Version-1	International	Journal
Prof. Dr Asoke Nath	A Comprehensive Study on Complexity of Relationship in Social Networks	International	Journal
Prof. Dr Asoke Nath	Mathematical Modeling of Virtual Relation in Social Networks	International	Journal
Prof. Dr Asoke Nath	New Secured Steganography Algorithm using Encrypted Secret Message inside QR Code: System implemented in Android Phone	International	Journal
Prof. Dr Asoke Nath	Bit Level Encryption Algorithm " Implementation of Bit-wise operations and randomized Bit-wise Columnar Transposition method	International	Journal
Prof. Dr Asoke Nath	Noise Driven Encryption Algorithm(NDEA) Version	International	Journal
Prof. Dr Asoke Nath	Scope and Issues in Alpha Compositing Technology	International	Journal



Prof. Dr Asoke Nath	Cognitive Radio Networks: a comprehensive study on scope and applications	International	Journal
Prof. Dr Asoke Nath	Scope and Challenges in Sailfish OS: A brief overview	International	Journal
Prof. Dr Asoke Nath	A Comprehensive Study on Mutual Relationship in Social Networks	International	Journal
Prof. Dr Asoke Nath	Modern Encryption Algorithm Version 1(MEA-)	International	Journal
Prof. Dr Asoke Nath	Issues and Challenges in Two factor Authentication Algorithms	International	Journal
Prof. Dr Asoke Nath	Security Issues and Challenges in Cloud Computing	International	Journal
Prof. Dr Asoke Nath	An Overview on Mobile Ad-Hoc Networks	International	Journal
Prof. Dr Asoke Nath	Noise Driven Encryption Algorithm Version-2(NDEA-2)	International	Journal
Prof. Dr Asoke Nath	Secured Data Hiding Technique Inside Jpeg Image Embedded in QR Code	International	Journal
Prof. Dr Asoke Nath	Advanced Data Encryption Standard (ADES-I) version-I	International	Journal
Prof. Dr Asoke Nath	Trends and Challenges in E-Learning Methodologies	International	Journal
Prof. Dr Asoke Nath	Green Enterprise Computing- Approaches Towards a Greener IT	International	Journal
Prof. Dr Asoke Nath	Classification of Machine Learning Algorithms	International	Journal
Prof. Dr Asoke Nath	Securing Human Computer Interaction	International	Journal
Prof. Dr Asoke Nath	Web Content Management System	International	Journal
Prof. Dr Asoke Nath	A Comprehensive Study on Security issues in Android Mobile Phone – Scope and Challenges	International	Journal
Prof. Dr Asoke Nath	Designing Android Add to Implement Encryption Algorithm Using Bit-Level Column Reshuffling with Random Bit-Wise Operations	International	Journal
Prof. Dr Asoke Nath	3-Dimensional Bit Level Encryption Algorithm Ver-1 (3DBLEA -1)	International	Journal
Prof. Dr Asoke Nath	Bitcoin Technology : A peer-to-peer Digital Cash Transaction	International	Journal
Prof. Dr Asoke Nath	Scope and Challenges in Mobile IP	International	Journal
Prof. Dr Asoke Nath	Issues and Scope in Typescript Language	International	Journal





Prof. Dr Asoke Nath	Steganography Algorithm to Hide any Secret Message inside an Audio File	International	Journal
Prof. Dr Asoke Nath	Ur/Web Programming Language: a brief overview	International	Journal
Prof. Dr Asoke Nath	Gesture Controlled Robot using Arduino and Android	International	Journal
Prof. Dr Asoke Nath	Big data: Security Issues and Challenges	International	Journal
Prof. Dr Asoke Nath	Hash and Salt based Steganographic Approach with modified LSB Encoding	International	Journal
Prof. Dr Asoke Nath	Scope and Challenges in Retail Industry : Application of Data Science	International	Journal
Prof. Dr Asoke Nath	Application of Typescript Language : A Brief Overview	International	Journal
Prof. Dr Asoke Nath	A Secure Approach for data Hiding using Visual Cryptography	International	Journal
Prof. Dr Asoke Nath	Design and Implementation of a Home Automation System Based on Wi-Fi	International	Journal
Prof. Jayati Ghosh Dastidar	Conference proceedings: Tracking human intrusion through a CCTV	With ISBN/ISSN	Conference proceedings
Prof. Jayati Ghosh Dastidar	Conference proceedings: Human form identification from a video stream using support vector machine	With ISBN/ISSN	Conference proceedings
Prof. Jayati Ghosh Dastidar	Referred: Data Hiding in Video using Triangularization LSB Technique	With ISBN/ISSN	Referred
Prof. Debasish Ghorui	Non referred Journal: Teacher Education: A Preparation for Successful Inclusive Education	With ISBN/ISSN	Non referred Journal
Prof. Debasish Ghorui	Non referred Journal: Historical Research:An Overview	With ISBN/ISSN	Non referred Journal
Prof. Debasish Ghorui	Non referred Journal: Historical Research:An Overview	With ISBN/ISSN	Non referred Journal
Prof. Debasish Ghorui	Book: Inclusion of Children with Special Needs into General Education Classrooms	With ISBN/ISSN	Book
Prof. Argha Kumar Banerjee	Referred: Poetics of Resistance	With ISBN/ISSN	Referred
Prof. Dr. Chandrani Biswas	Referred: A Lonely Sojourn; Remoulding the Self in Buchi Emecheta's Destination Biafra (1982)	With ISBN/ISSN	Referred
Prof. Dr. Chandrani	Non referred Journal: Enreji Shiksha: Aaj Kal O Agamidin	With ISBN/ISSN	Non referred Journal



Biswas			
Prof. Christina Maria Mirza	Referred: The Spectral Plate: Fixing the Unreal in "Mark Stafford's Wife	With ISBN/ISSN	Referred
Prof. (Dr) Tapati Dutta	Referred: Desiccation Cracks and their Patterns: Formation and Modeling in Science and Nature	With ISBN/ISSN	Referred
Prof. (Dr) Tapati Dutta	Referred: Multi-Scale patterns formed by sodium sulphate in a drying droplet of gelatin	With ISBN/ISSN	Referred
Prof. (Dr) Tapati Dutta	Referred: Topology of desiccation crack patterns in clay and invariance of crack interface area with thickness	With ISBN/ISSN	Referred
Prof. (Dr) Tapati Dutta	Referred: Growth Kinetics of NaCl crystals in drying drop of gelatin: transition from faceted to dendritic growth	With ISBN/ISSN	Referred
Prof. (Dr) Tapati Dutta	Book: Desiccation Cracks and their Patterns: Formation and Modelling in Science and Nature	With ISBN/ISSN	Book
Prof. (Dr) Tapati Dutta	Referred: Alternating Field Induced Crack Patterns in Desiccating Colloidal Solutions: Experiment and Simulation	With ISBN/ISSN	Referred
Prof. (Dr) Tapati Dutta	Referred: Unstable crack propagation in Laponite gels: selection of a sinusoidal mode in an electric field	With ISBN/ISSN	Referred
Prof. (Dr) Sudipto Roy	Referred: Time Variation of Deceleration Parameter and Gravitational Constant in the Light of Brans-Dicke Theory	With ISBN/ISSN	Referred
Prof. (Dr) Sudipto Roy	Referred: A Study of Transition of the Expansion of the Universe from a Phase of Deceleration to Acceleration through a Conversion of Matter into Dark Energy in the Framework of Brans-Dicke Theory	With ISBN/ISSN	Referred
Prof. (Dr) Sudipto Roy	Referred: A Study of Accelerated Expansion of the Universe and Time Varying Gravitational Constant in the Framework of Brans-Dicke Theory	With ISBN/ISSN	Referred
Prof. (Dr) Sudipto Roy	Referred: A STUDY OF THE TIME DEPENDENCE OF DECELERATION PARAMETER AND GRAVITATIONAL CONSTANT, ON THE BASIS OF BRANS-DICKE THEORY	With ISBN/ISSN	Referred





Prof. (Dr) Jhumpa Mukherjee	Book chapter: Regional movements in India:Evaluating Telangana and Uttarakhand	With ISBN/ISSN	Book chapter
Prof. (Dr) Jhumpa Mukherjee	Referred: Decentralization and Political Accommodation of cultural identities:Resolving the Gorkha problem	With ISBN/ISSN	Referred
Dr. PANCHALI SEN	Referred: Female Foeticide and Infanticide in India: Issues and Concerns	Without ISBN/ISSN	Referred
Prof. (Dr.) Chinmay Mukhopadhyay	Conference proceedings: TQM vis-a-vis User Satisfaction in Academic Library: A Case Study	With ISBN/ISSN	Conference proceedings
Prof. Joyita Banerji	Inter-college magazine/Journal: Youthink	With ISBN/ISSN	Inter-college magazine/Journal
Prof. Joyita Banerji	Referred: A theory on various E-Commerce Websites	With ISBN/ISSN	Referred
Prof. Shruti Goswami	Non referred Journal: Kobi O â€™Hoyraniâ€™™	With ISBN/ISSN	Non referred Journal
Prof. Shruti Goswami	Non referred Journal: Meye na Meyechhele?	With ISBN/ISSN	Non referred Journal
Prof. Shruti Goswami	Non referred Journal: Rajanikanta,2015	With ISBN/ISSN	Non referred Journal
Prof. Shruti Goswami	Non referred Journal: BANGLA COMICS-ER MEYERA : HASTE TADER MANA?	With ISBN/ISSN	Non referred Journal
Prof. Shruti Goswami	Book chapter: ADHUNIKATA: UNISH SHATOK: INDIRA	With ISBN/ISSN	Book chapter
Prof. Shruti Goswami	Book chapter: JUGALANGURIYO: NOVEL NA NOVELETTE	With ISBN/ISSN	Book chapter
Prof. Shruti Goswami	Book chapter: Poushlokkhi : Nidhaani Diner Broto	With ISBN/ISSN	Book chapter
Prof. (Dr) Sreemoyee Guha Roy	Referred: Influx of Microinsurance	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Book: Microinsurance Including the Silent	With ISBN/ISSN	Book
Prof. (Dr) Sreemoyee Guha Roy	Referred: Equity Research; Fundamental and Technical Analysis	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Referred: Impact of Microinsurance:A Case Study on Medinipur District ,West Bengal	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Book chapter: Inclusion Through Microinsurance: A Case Study of Malda District,West Bengal	With ISBN/ISSN	Book chapter
Prof. (Dr) Sreemoyee Guha Roy	Referred: Microinsuring the Poor-A Case Study of Coochbehar and Hooghly District	With ISBN/ISSN	Referred



Prof. (Dr) Sreemoyee Guha Roy	Book: MICROFINANCE-ROADMAP FOR THE DEPRIVED	With ISBN/ISSN	Book
Prof. (Dr) Sreemoyee Guha Roy	Referred: HOW GOOD IS GOODS AND SERVICES TAX	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Referred: Financial Reporting-An Overview	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Referred: "Microinsurance in International Development"	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Referred: Financial Reporting-An Overview	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Referred: Recommended Microfinance Institutions-CRISIL Report	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Referred: WORKING CAPITAL MANAGEMENT-AN OVERVIEW	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Book: Role of Microinsurance in Protecting the Poor:A Study in West Bengal	With ISBN/ISSN	Book
Prof. (Dr) Sreemoyee Guha Roy	Book chapter: Understanding of micro insurance in Rural Areas:A Case Study of South 24 Parganas District	With ISBN/ISSN	Book chapter
Prof. (Dr) Sreemoyee Guha Roy	Inter-college magazine/Journal: Performance Indicators of Microfinance Institutions:Case Study of MFI's in West Bengal	With ISBN/ISSN	Inter-college magazine/Journal
Prof. (Dr) Sreemoyee Guha Roy	Book: Including Financially the Poor	With ISBN/ISSN	Book
Prof. (Dr) Sreemoyee Guha Roy	Book chapter: Including through Microfinance-Empirical Study on Uttar Dinajpur District of West Bengal	With ISBN/ISSN	Book chapter
Prof. (Dr) Sreemoyee Guha Roy	Book chapter: Insuring the Poor-Case Study of Purulia and South 24 Parganas	With ISBN/ISSN	Book chapter
Prof. (Dr) Sreemoyee Guha Roy	Referred: Impact of Microinsurance:A Case Study on Medinipur District ,West Bengal	With ISBN/ISSN	Referred
Prof. (Dr) Sreemoyee Guha Roy	Book chapter: Business Ethics in Microinsurance-A Case Study of Birbhum District,West Bengal	With ISBN/ISSN	Book chapter
Prof. (Dr) Sreemoyee Guha Roy	Referred: Risk Management through Microinsurance-An Empirical Study	With ISBN/ISSN	Referred



Prof. (Dr) Sreemoyee Guha Roy	Referred: STUDY OF IFRS AND HARMONIZATION WITH COUNTRY SPECIFIC ACCOUNTING STANDARD	With ISBN/ISSN	Referred
Prof. Saugata Mitra	Referred: Modified Bekenstein- Hawking System in f(R) Gravity	With ISBN/ISSN	Referred
Prof. Prosenjit Ghosh	The Changing Nature of Portuguese-Arakanese Raids in early 17th Century Bengal: Slave- Hunting in the Bay of Benga	With ISBN/ISSN	Journal
Prof. Prosenjit Ghosh	Conference proceedings: Saptodash Satoker Goray Bandar Chattagramer Bikash O Tar Anushongik Rajniti	With ISBN/ISSN	Conference proceedings
Prof. Prosenjit Ghosh	Conference proceedings: Bandar Chattagram Gathoner Adiparba: Ekta Parjalochona	With ISBN/ISSN	Conference proceedings
Prof. Nabin Thakur	Referred: Diversity on Activities Based Teaching Learning Process to Impart Adolescent Reproductive Health at Secondary Level	With ISBN/ISSN	Referred
Prof. Hanzala Awais	Referred: Need for a Cleaner India : Swachh Bharat Abhiyan	With ISBN/ISSN	Referred
Prof. Dr. Koushik Kumar Hati	Referred: Relative Social Status and Conflicting Measures of Poverty: A Behavioural Analytical Model	Without ISBN/ISSN	Referred
Prof. Dr. Koushik Kumar Hati	Referred: Tax Effort of West Bengal and Andhra Pradesh: A Comparative Study Based on Consumption Expenditure	With ISBN/ISSN	Referred
Prof. Dr. Koushik Kumar Hati	Referred: Relative Social Status and Conflicting Measures of Poverty: A Behavioural Analytical Model	With ISBN/ISSN	Referred
Prof. Dr. Koushik Kumar Hati	Book chapter: Assessing Fiscal Performance of Indian States: A Composite Fiscal Index	With ISBN/ISSN	Book chapter
Prof. Dr. Koushik Kumar Hati	Referred: Health for Development: A District Level Study in West Bengal	With ISBN/ISSN	Referred
Prof. Gaurab Tripathi	Referred: GROBNER BASES FOR II(XY)	With ISBN/ISSN	Referred
Prof. Priyadarshini Rasquinha	Referred: Need for a Cleaner India : Swachh Bharat Abhiyan	With ISBN/ISSN	Referred
Prof. Gaurav Deep Rai	Referred: An Empirical Study of Bankers's Perception towards their Quality of Work Life	With ISBN/ISSN	Referred



Prof. Gaurav Deep Rai	Non referred Journal: Tea Tourism: A Revival strategy in the Tea Gardens of Darjeeling and Dooars in West Bengal	With ISBN/ISSN	Non referred Journal
Prof. Gaurav Deep Rai	Non referred Journal: AN EMPIRICAL UNDERSTANDING OF QUALITY OF WORK LIFE OF BANK EMPLOYEES	With ISBN/ISSN	Non referred Journal
Prof. Gaurav Deep Rai	Book chapter: An Empirical Analysis of the Factors Affecting the Quality of Work Life of Teachers	With ISBN/ISSN	Book chapter
Prof. Gaurav Deep Rai	Book chapter: An Empirical Understanding of Quality of Work Life of Teachers in Darjeeling: Measurement and Parameters	With ISBN/ISSN	Book chapter
Prof. Gaurav Deep Rai	Book chapter: An Empirical Understanding of Quality of Work Life of Teachers in Darjeeling: Measurement and Parameters	With ISBN/ISSN	Book chapter
Prof. Gaurav Deep Rai	Book chapter: Empowerment of Women Teachers through Quality of Work Life	With ISBN/ISSN	Book chapter
Fr. Dr. Xavier Savarimuthu Sj	Fundamentals of Environmental Studies	with ISBN number	Book
Fr. Dr. Xavier Savarimuthu Sj	Effect of Scopoletin on monoamine oxidases and brain amines	International	Referred Journal
Fr. Dr. Xavier Savarimuthu Sj	Antimicrobial Activity of a Unique Polyvinyl Chloride Degrading Mould from Municipal Wastes	National	Referred Journal

### Annexure 7

Date	Day	Programme
13-07-15	Monday	<b>Innovision</b> Innovision is the first event of the academic year. It is an intra-college week long counselling event where professionals across various fields of business and academic institutions advise the students on numerous career options as well as matters pertinent to their personal life.
15-07-15	Wednesday	Xavier's Commerce Society organised its annual programme
16-07-15	Thursday	SXC - XCS
17-07-15	Friday	SXC - XCS
24-07-15	Friday	The Xavier's Commerce Society of St. Xaviers College (Autonomous), Kolkata organized its annual event called "INCEPTION"
25-07-15	Saturday	<b>Inception</b> A Management Simulation Programme is the society's 1st event where we begin mentoring the first year students for the events of XCS to come



		in future. It is held exclusively for the first year students of B.Com, BBA and Economics Honours.
04-08-15	Tuesday	National Service Scheme held a Blood Donation Camp in the College Campus.
13-08-15	Thursday	<i>The Xavier's Commerce Society of St. Xavier's College (Autonomous), Kolkata organized its annual event called "X-PEDITION"</i> <b>X-Pedition</b> We have always given special importance to understanding the basic mechanism behind the functioning of an industry. 'X-Pedition'(s) are instrumental in enhancing the practical knowledge and to acquaint the students with the various manufacturing processes involved in any industry.
15-08-15	Saturday	NCC <b>Independence day</b> in the College Campus
19-08-15	Wednesday	<i>The Xavier's Commerce Society of St. Xavier's College (Autonomous), Kolkata organized its annual event called "X-CALIBRE"</i> <b>X-Calibre</b>
20-08-15	Thursday	X-Calibre is our intra-college annual management festival. X-Calibre, is a two-day event aimed at developing the soft-skills and the leadership abilities of students through real-life simulations.
28-08-15	Friday	St. Xavier's College organized 3 <sup>rd</sup> Fr. Verstraeten Memorial Lecture by Prof. Mustansir Barma from Tata Institute of Fundamental Research
12-09-15	Saturday	The Bengali Literary Society of St. Xavier's College (Autonomous), Kolkata organised its annual event called " <b>BODHON 2015</b> "
21-09-15	Monday	The Mathematics department of St. Xavier's College (Autonomous), Kolkata organized its annual event called " <b>ANALYTICA 15</b> "
22-09-15	Tuesday	
23-09-15	Wednesday	The Economics department of St. Xavier's College (Autonomous), Kolkata organized its annual event called " <b>CONFLUENCE 15</b> "
26-09-15	Saturday	The Hindi Literary Society of St. Xavier's College (Autonomous), Kolkata organized " <b>Hindi Diwas</b> "
27-09-15	Sunday	The Xavier's Academy of Dance and Music (XADAM) of St. Xavier's College (Autonomous), Kolkata organized its <b>annual event</b> called " <b>GUNJ 15</b> "
30-09-15	Wednesday	The Xavier's Management Society of St. Xavier's College (Autonomous), Kolkata organized its <b>annual event</b> called " <b>X-CONFERO 15</b> "
01-10-15 to 08-10-15	Thursday	<b>UGC Sponsored National Workshop</b> on Research Methodology using SPSS, organized by Department of Commerce & Business Administration, in collaboration with: Institute of Development Studies.
09-10-15	Friday	<b>Modern Trends in Microbiology Chapter XII</b> a two day annual programme held by Department of Microbiology, St. Xavier's College (Autonomous), Kolkata, in collaboration with Quadra Medical Services Pvt. Ltd.Sponsored by Department of Biotechnology, Govt. of India
10-10-15	Saturday	
11-10-15	Sunday	<b>The Spotlight 2015</b> , Transcending Talent to Intangible Height by All India Catholic University Federation, ST. Xavier's College (Autonomous), Kolkata
14-10-15	Wednesday	<b>Entrepreneurship Development Cell</b>





to 16-10-15		
17-10-15	Saturday	<b>“Literaria 15”</b> An annual event organized by The English Academy, St. Xavier's College, Autonomous, Kolkata.
24-11-15	Tuesday	Academic Audit of the College by the External Experts continued
27-11-15	Friday	
06-01-16	Wednesday	The annual Techfest organized by The Computer Science departments called <b>“eXabyte 2016”</b>
07-01-16	Thursday	
16-01-16	Saturday	9 <sup>th</sup> Convocation & Valedictory Function of St. Xavier's College (Autonomous), Kolkata.
24-01-16	Sunday	Xavotsav 16 an <b>annual event</b> organised by <b>The Student Council</b> .
25-01-16	Monday	
26-01-16	Tuesday	<b>Beyond Barrier</b> organised by the St. Xavier's College Calcutta Alumni Association (SXCAA).
27-01-16	Wednesday	<b>Xavotsav 16</b> an annual event organised by <b>The Student Council</b> .
01-02-16	Monday	The <b>Placement Cell</b> of the College organised a <b>Seminar</b> on Personality Development
06-02-16	Saturday	The Women Cell of the College ‘SWAR’ organised its <b>annual Event</b> .
07-02-16	Sunday	<b>The All India Catholic University Federation (AICUF)</b> organised its annual event
12-02-16	Friday	The <b>Fine Arts Society</b> of the College held its annual event
14-02-16	Sunday	The <b>Department of Social Work and NSS</b> of the College organised one day programme – Shishu Mela
18-02-16	Thursday	The Xavier's Management Society organized its annual event called <b>Xavier's Management Convention</b>
19-02-16	Friday	
19-02-16	Friday	<b>Workshop on VLSI Design Techniques</b> , organized by <b>Department of Physics, St. Xavier's College (Autonomous)</b>
20-02-16	Saturday	The Bengali Literary Society of the College organized its annual event <b>“The Xavullash 16”</b>
21-02-16	Sunday	
22-02-16	Monday	<b>DBT sponsored national seminar</b> entitled <b>“Facets of Chemistry in Biology, FOCB-2016”</b> was organized by the department on 22.02.16 & 23.02.16
23-02-16	Tuesday	
25-02-16	Thursday	INSIGNIA 2016, A National Level Management Festival was organised for Two Days
26-02-16	Friday	
27-02-16	Saturday	The Hindi Literary Society organised its annual event called <b>“Vividha 2016”</b>
28-02-16	Sunday	The Computer Science Department of St. Xavier's College (Autonomous), Kolkata organized a day trip to Gurap, West Bengal (Hooghly District), on February 28 <sup>th</sup> Sunday, 2016, to collaborate with St. Xavier's Boarding School, Gurap, in organizing their Sports Day.
28-02-16	Sunday	The College celebrates the Hostel Day, <b>“COFRDIA16”</b>
29-02-16	Monday	<b>CINEMATHEQUE 2016</b> , an annual event by Xaverian Film Academy
01-03-16	Tuesday	<b>INERTIA Vol.6</b> , hosting “Sports Marketing”, the annual Marketing Summit of the Department of Management (Faculty of Commerce)
02-03-16	Wednesday	
19-03-16	Saturday	UGC Sponsored One day National Conference on “Redefining Business



		Vision: Issues and Challenges” organised by Department of Commerce and Business Administration, St. Xavier’s College (Autonomous), Kolkata in collaboration with Department of Commerce, University of Calcutta, Partly funded by Indian Council of Social Science Research
		A Support Staff Orientation Programme was organised by the College
		The English Academy also launches its annual magazine “Ode to Expression”
21-03-16	Monday	“Spectrum 2016” the annual event organised by the Department of Physics
21-03-16	Monday	The Department of Multimedia organised a two day <b>UGC sponsored National Level Seminar</b> and Annual Fest “ <b>Elan 2016 art and beyond</b> ”
22-03-16	Tuesday	
28-03-16	Monday	<b>Walbrush 2016</b> an annual event held in the College on a theme “ <b>Doors and Windows</b> ”
30-03-16	Wednesday	The department of BBA launched its Annual Magazine X-Ecutive volume XIII 2015-16
31-03-16	Thursday	The Entrepreneurship Development Cell of the College Organised “ <b>On Fire to Hire INITIUM</b> ” Startup Expo
01-04-16	Friday	“ <b>SIGMA 2016</b> ”, two day event organised by the St. Xavier’s College Science Association
04-04-16	Monday	Department of Physics, St. Xavier’s College (Autonomous), Kolkata organized a <b>seminar on Transonic Black Accretion: A Dynamical Systems Approach</b> by Dr. Tapas K. Das, HRI Allahabad
09-04-16	Saturday	St. Xavier’s College, Department of Political Science presented “ <b>SUFFRAGIUM</b> ” a one day seminar.
05-05-16	Thursday	Rev. Fr. Felix Raj, Principal, inaugurated a state of the art ICT Room on 5th May 2016 at the Department of Education, St. Xavier's College in the presence of the vice-principals, deans, professors, staff members, students and other dignitaries
23-06-16	Thursday	The <b>12th Prayas Camp</b> (Village to College) was held from 23rd to 26th June 2016 in the College campus. The theme of the camp was: "Andhokarer Utsho Hote Utsharito Aalo". The camp was inaugurated by Rev. Fr. Felix Raj, SJ, Principal, St. Xavier's College, Kolkata.
29-06-16	Wednesday	St. Xavier's College Entrepreneurship Development Cell (EDC) in association with the PG Department of Microbiology and R.M. Clinical Laboratories Private Limited, Kolla Villa, Gariahat Road, Kolkata, organised a month-long workshop on " <b>Advanced Laboratory Technique.</b> " <b>The workshop was sponsored by DST.</b>

### Annexure 8

#### Details of International and National MOU’s

Sl. No	University / Institute	Place
1.	Trinity College	Dublin, Ireland
2.	State University of New York	Oswego, USA



3.	Santa Clara university	California, USA
4.	Media Studies and Culture	Torun, Poland
5.	College of St. Benedict / St. Johns University	Minnesota, USA
6.	UNAMUR	Namur, Belgium
7.	University of Manitoba	Canada
8.	FACT Software International Pte. Ltd.	Singapore

<b>Sl. No</b>	<b>University / Institute</b>	<b>Place</b>
1.	St. Joseph's College, Darjeeling	Darjeeling
2.	St. Xavier's College, Jaipur	Jaipur
3.	St. Xavier's College, Ranchi	Ranchi
4.	St. Xavier's College of Education, Patna	Patna, Bihar
5.	Loyola College of Education, Jamshedpur	Jamshedpur, Jharkhand
6.	Loyola College of Education, Namchi.	Namchi, Sikkim
7.	Council of Supply Chain Management Professionals India private ltd, Mumbai	Mumbai, Maharashtra
8.	National Stock Exchange of India limited, Mumbai	Mumbai, Maharashtra