

*Annual Report*  
*(2015 - 2016)*



**Acharya Prafulla Chandra College**

New Barrackpore, Kolkata 700131

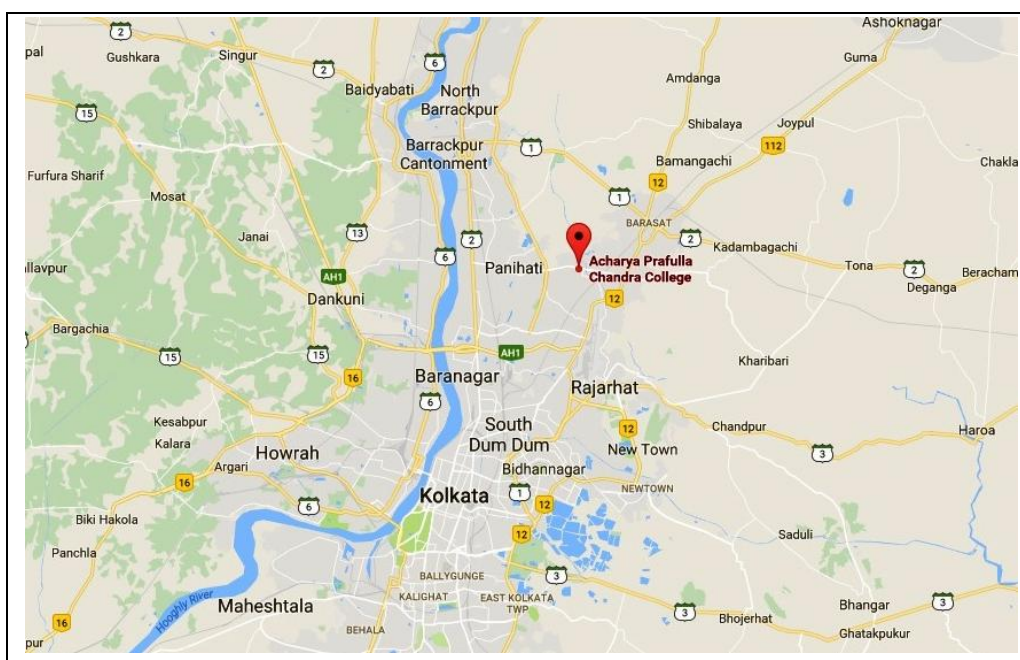
# *Annual Report*

## *(2015 - 2016)*



**Acharya Prafulla Chandra College**  
New Barrackpore, Kolkata 700131

<b>Name of the Institution</b>	: Acharya Prafulla Chandra College
<b>Year of Establishment</b>	: 1960
<b>Location</b>	: New Barrackpore
<b>City</b>	: Kolkata
<b>Police Station</b>	: New Barrackpore
<b>District</b>	: North 24 Paraganas
<b>Pin code</b>	: 700131
<b>State</b>	: West Bengal
<b>Affiliating University</b>	: West Bengal State University
<b>Name of the Principal</b>	: Dr. Saktibrata Bhowmik
<b>Work phone</b>	: 033-2537-3297
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## Content

Item	Page No.
1.0 Curricular Aspects	1
2.0 Teaching, Learning and Evaluation	3
3.0 Human Resource	17
4.0 Faculty development	20
5.0 Research Activities	22
6.0 Awareness Programmes and Social Outreach	34
7.0 Cultural Activities	37
8.0 Infrastructural Upliftment	33
9.0 Library	38
10.0 Financial Aspects for the financial Year 2014 – 2015	10
11.0 Feedback analysis (2014-2015)	42

## 1.0 Curricular Aspects

The college offers a wide range of subject options for B.A, B.Sc. Honours, Major and General courses along with Post Graduate courses.

### 1.1 Undergraduate Section

#### Subjects offered in B.A. (Hons) courses

- |               |                      |                                    |            |
|---------------|----------------------|------------------------------------|------------|
| 1) Bengali    | 2) English           | 3) Sanskrit                        | 4) History |
| 5) Philosophy | 6) Political Science | 7) Journalism & Mass Communication |            |
| 8) Education  | 9) Geography         | 10) Human Development              |            |

#### Subjects offered in B.Sc. (Hons) courses

- |                     |                  |                       |                |
|---------------------|------------------|-----------------------|----------------|
| 1) Physics          | 2) Chemistry     | 3) Mathematics        | 4) Electronics |
| 5) Computer Science | 6) Microbiology  | 7) Zoology            | 8) Botany      |
| 9) Food & Nutrition | 10) Anthropology | 11) Human Development |                |
| 12) Economics       | 13) Geography    | 14) Statistics        |                |

#### Subjects offered in B.A./B. Sc. (Major) courses

- |                                |  |
|--------------------------------|--|
| 1) Industrial Fish & Fisheries | 2) Advertising, Sales Promotion & Sales Management |
|--------------------------------|--|

#### Subjects offered in B.A./B. Sc. (General) courses

In addition to the above mentioned subjects, Molecular Biology and Physical Education are also offered as general subjects

#### Introduction of New Honours Courses

Like in the previous year, our college introduce a new Honours course in '**Human Development**' from the academic year 2015-16 with approval of the university.

## **1.2 Post Graduate Section**

The college offers Post Graduate courses in the following subjects:

- |                 |                       |              |
|-----------------|-----------------------|--------------|
| 1) Microbiology | 2) Electronic Science | 3) Chemistry |
| 4) Physics      | 5) Computer Science   |              |

### **Proposal for Introduction of New PG Courses**

In continuation of previous year's attempt of opening three more Post Graduate Courses in Bengali, History and Mathematics, the authority of this college has placed the files before competent authorities. Inspection from the Higher Education Department, Govt. of West Bengal has been done in this year. The college authority is expecting further developments in near future.

### **Ph.D. Programmes running in the college**

Some of our faculty are engaged in supervising research scholars for their Ph.D. programme. We have a list here:

Sl. No.	Teacher	Student	Present status
1.	Dr. Partha Sarathi Majumdar (Dept. of Physics)	1. Mahua Karmakar, Assistant Professor, Dept. of Physics, Acharya Prafulla Chandra College	Registered at West Bengal State University
		2. Sk. Azharuddin	Registered at Jadavpur University
3.	Dr. Sandip Saha (Dept. of Chemistry)	1. Debabrata Biswas (Research Scholar under UGC project)	Registered at Jadavpur University
		2. Animesh Pradhan	Not registered yet
4.	Dr. Nabanita Giri (Dept. of Microbiology)	1. Sk Tousif Ahmed. (Research Scholar under DST project)	Registration process to be initiated at West Bengal State University
		2. Banibrata Roy (Research Scholar under DBT project)	Registration process to be initiated at West Bengal State University

## **2.0 Teaching, Learning and Evaluation**

For last several decades Acharya Prafulla Chandra College has been one of the sought after institutions among the students in the district of North 24 Parganas to pursue their higher studies. Prior to the inception of West Bengal State University, the college was affiliated to the University of Calcutta. Even at that point of time it was one of the lead colleges of the university. The post graduate courses are also in high demand. The process of admission was conducted according to the following schedule.

### **2.1 Admission of Students**

In the session 2015-16 Students were admitted through online process, both at UG and PG courses. After screening the application forms, the Departments concerned published the merit list. The selected students were called for counseling and admission was done accordingly as per merit.

#### **Timeline of the Admission process (2015-2016 session)**

##### **Admission in B.A./B.Sc. (Honours, General, Major) Courses**

<b>First announcement</b>	<b>01.06.2015</b>
<b>Issue of admission forms</b>	01.06.2015 to 10.06.2015 (Honours & Major Courses) 01.06.2015 to 30.06.2015 (General Courses)
<b>Last date of submission of forms</b>	10.06.2015 (Honours & Major Courses) 30.06.2015 (General Courses)
<b>Publication of merit list</b>	13.06.2015 (Honours & Major Courses) 03.07.2015 (General Courses)
<b>Counselling B.A./B.Sc. (Hons.) courses</b>	17.06.15, 18.06.15, 19.06.15 & 20.06.15 (Honours & Major Courses) 06.07.15, 07.07.15, 08.07.15, 09.07.15 & 10.07.15 (General Courses)
<b>Admission in B.A./B.Sc. (Hons.) courses</b>	17.06.15, 18.06.15, 19.06.15 & 20.06.15 (Honours & Major Courses) 06.07.15, 07.07.15, 08.07.15, 09.07.15 & 10.07.15 (General Courses)

**Admission in M.Sc. Courses :**

First announcement	<b>24.07.2015</b>
Issue of admission forms	24.07.2015 to 02.08.2015
Last date of submission of forms	02.08.2015
Publication of merit list	05.08.2015
Counselling for admission	Chemistry, Computer Science – 18.08.2016 Microbiology – 20.08.2015 Electronic Science, Physics – 19.08.2015
Admission in MSc. courses	Chemistry, Computer Science – 18.08.2016 Microbiology – 20.08.2015 Electronic Science, Physics – 19.08.2015

**Students' Intake Data**

Student's intake at the under-graduate level is done as per the guidelines of the Higher Education Department of the Government of West Bengal. In accordance with the policies of the Higher Education Department, intake increases by a definite percentage almost every year. In all the cases, the reservation policies laid down by the Backward Class Welfare Department are strictly followed. Reservation for differently able students is also complied with every year. The intake status for General category and SC/ST/OBC and Physically Challenged students for the session 2015-16 at both UG and PG Levels is furnished:

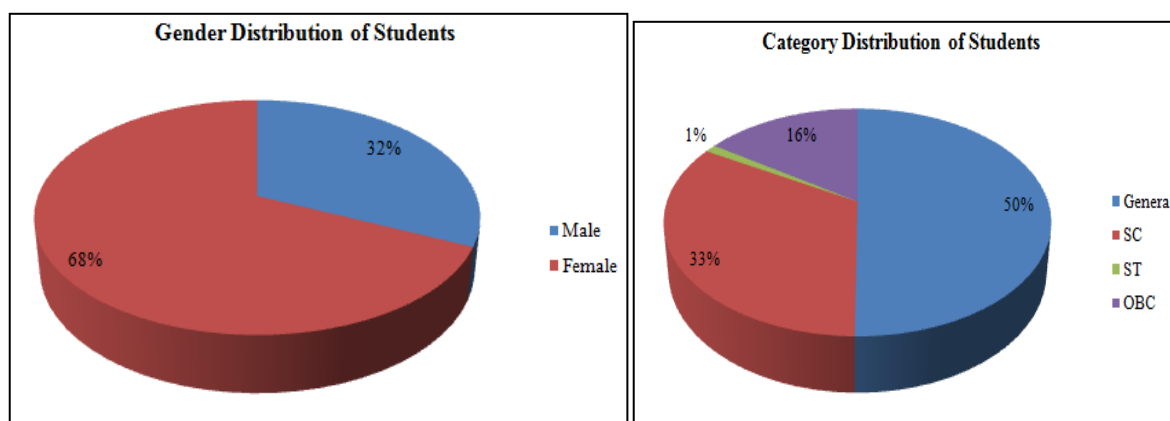


**Intake Capacity of different subject for the session 2015 – 2016 :**

Stream/Course Offered		Allocation of seats				
		Total	General	SC	ST	OBC
B.A. (Hons)	Bengali	80	54	18	5	3
	English	80	54	18	5	3
	Sanskrit	81	55	18	5	2
	Philosophy	61	42	13	4	2
	History	66	45	15	4	2
	Political Science	66	45	15	4	2
	Journalism & Mass Comm.	66	45	15	4	2
	Geography	78	53	17	5	3
B.Sc. (Hons)	Geography					
	Economics	40	27	9	2	2
	Chemistry	55	38	12	3	2
	Physics	53	36	12	3	2
	Electronics	66	45	15	4	2
	Computer Science	69	48	15	4	2
	Microbiology	58	40	13	3	2
	Zoology	53	36	12	3	2
	Botany	51	35	12	3	2
	Mathematics	81	56	18	5	2
	Anthropology	33	22	7	2	2
	Statistics	32	21	7	2	2
Major	IFFV	55	38	12	3	2
	ASPV	55	38	12	3	2
M.Sc.	Chemistry	32	21	7	2	2
	Computer Science	23	15	5	1	2
	Electronic Science	27	17	6	2	2
	Microbiology	27	17	6	2	2
	Physics	27	17	6	2	2
B.Sc. (Gen)		292	201	64	18	9
B.A. (Gen)		804	555	177	48	24

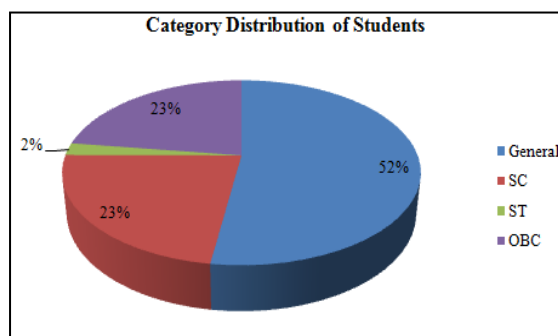
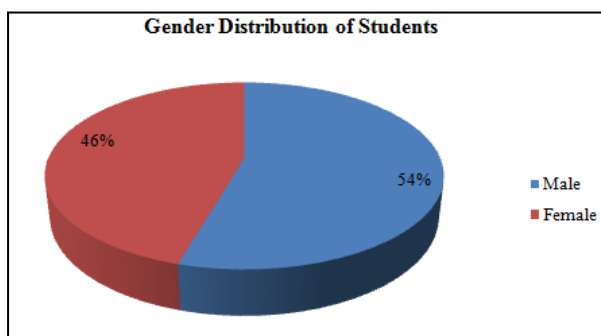
### Distribution of students admitted in 1<sup>st</sup> year of B.A. (Honours) Course

Subject	General		SC		ST		OBC	
	Male	Female	Male	Female	Male	Female	Male	Female
Bengali	1	33	7	13	0	1	4	7
Economics	3	3	0	0	0	0	0	0
Education	3	11	1	7	0	0	2	5
English	13	27	8	12	1	1	7	9
Geography	9	16	12	6	0	1	5	8
History	9	10	11	8	1	0	0	5
Human Development	3	9	1	3	0	0	0	2
Journalism	14	23	6	11	0	0	0	4
Philosophy	2	21	2	13	0	0	2	2
Political Science	9	14	14	12	0	0	7	2
Sanskrit	4	31	6	24	0	1	3	9
Total	70	198	68	109	2	4	30	53



### **Distribution of students admitted in 1<sup>st</sup> year of B.Sc. (Honours) Course**

Subject	General		SC		ST		OBC	
	Male	Female	Male	Female	Male	Female	Male	Female
Anthropology	0	7	1	2	0	0	0	0
Botany	7	5	3	3	0	0	3	2
Chemistry	13	7	8	4	0	0	4	4
Computer Science	16	12	5	0	0	0	12	2
Electronics	3	0	1	0	0	0	1	0
Food & Nutrition	0	11	0	0	0	6	1	6
Microbiology	10	11	6	4	0	0	4	4
Mathematics	9	17	12	5	1	0	10	1
Physics	11	3	5	4	0	0	9	1
Statistics	8	0	0	0	0	0	0	0
Zoology	6	14	3	8	0	0	5	5
Total	83	87	44	30	1	6	49	25



### **Distribution of students admitted in 1<sup>st</sup> year of General Course**

Subject	General		SC		ST		OBC	
	Male	Female	Male	Female	Male	Female	Male	Female
B.Sc.	27	29	10	11	0	01	09	07
B.A.	201	291	113	145	04	03	41	27

**Distribution of students admitted in 1<sup>st</sup> year of Major Course**

Subject	General		SC		ST		OBC	
	Male	Female	Male	Female	Male	Female	Male	Female
IFFV	15	08	0	01	0	0	0	01
ASPV	06	05	0	01	0	0	0	01

**Distribution of students admitted in 1<sup>st</sup> year of M.Sc. Course**

Subject	Total		General	SC	ST	OBC
	Male	Female				
Computer Science	04	08	08	02	0	02
Physics	20	12	17	06	0	09
Chemistry	11	22	20	03	0	10
Electronic Science	16	11	20	01	0	06
Microbiology	10	08	14	02	0	02
Total	61	61	79	14	0	29

**Distribution of students admitted in 2<sup>nd</sup> year**

Subject	General		SC		ST		OBC	
	Male	Female	Male	Female	Male	Female	Male	Female
B.Sc. (Hons.)	68	49	16	12	0	0	22	13
B.A. (Hons.)	48	114	27	57	0	0	12	16
B.Sc. (Gen.)	16	09	12	06	0	0	08	06
B.A. (Gen.)	134	127	89	72	02	02	19	16

### Distribution of students admitted in 2<sup>nd</sup> year of M.Sc. Course

Subject	Total		General	SC	ST	OBC
	Male	Female				
Computer Science	08	12	20	0	0	0
Physics	13	10	23	0	0	0
Chemistry	17	10	26	01	0	0
Electronic Science	13	12	25	0	0	0
Microbiology	11	14	25	0	0	0
Total	62	58	119	01	0	0

### Distribution of students admitted in 3<sup>rd</sup> year

Subject	General		SC		ST		OBC	
	Male	Female	Male	Female	Male	Female	Male	Female
B.Sc. (Hons.)	48	66	16	30	0	01	14	12
B.A. (Hons.)	52	124	25	64	0	01	14	25
B.Sc. (Gen.)	18	31	16	02	0	0	05	01
B.A. (Gen.)	113	153	93	67	03	04	14	09

## 2.2 Financial Support and Scholarships to students

The needy and meritorious students of this institution can avail various scholarships and financial support both from the college and the government.

The college provides financial support in respect of exemption of tuition fees. Moreover, the College also facilitates the process of availing the stipends from the competent authorities under various schemes such as 'Kanyasree Prakalpa', and other financial supports for SC-ST-OBC and differently able students.

**Financial assistance received from different funding bodies for the session**

Sl. No.	Funding Body	No. of students
<b>1</b>	West Bengal Minorities Development & Finance Corporation	195
<b>2</b>	Chief Minister's Relief Fund	154
<b>3</b>	Kanyasree	187
<b>4</b>	Swami Vivekananda Merit-cum-Means	158
<b>5</b>	Post Metric ST/SC/OBC	1319
<b>6</b>	Jindal Foundation	03

The Students' Union introduced a scheme named '**Medhabritti Prakalpa**' out of their fund for financial support to encourage the students for the best performance in B.A./B.Sc. Part-I and Part-II examinations in each subject.

**List of students receiving support from "Medha Britti Prokolpo"**

Sl No.	Name of the Student	Subject	Amount (in Rs.)
1	Bikram Ghosh	Botany	3060
2	Suman Kr. Saha		3960
3	Sritama Das	CMSA	3060
4	Antara Roy	Microbiology	3060
5	Mohammad Jahangir	Mathematics	1740
6	Ananya Bhattacharyya	Electronics	3060
7	Priyanka Ghosh	Geography	3060
8	Susmita Ghosh	JORA	2250
9	Sounin Dutta	IFF	3060
10	Debabrata Das	Zoology	3060
11	Priyanka Das		3060
12	Sagar sarkar	Bengali	1530
13	Debjyoti Biswas	Anthropology	3660
14	Ratul Ghosh	Electronics	3660

15	Rajesh Cshib	Mathematics	2660
16	Samrat Das	IFF	3960
17	Suchanda Das	Sanskrit	1530
18	Saswati Saha	History	1530
19	Anamika Biswas	Geography	3060
20	Reshma Khatun	Education	1530
21	Bibek Narayan Roy	Economics	1740
22	Debina Bhattacharyya		1320
23	Samya Kar	Physics	3060
24	Samarpita Dey	Philosophy	2130
25	Subham Saha		1320
26	Nivedita Ghosh	Food & Nutrition	3360
27	Satarupa Deb	Philosophy	1530
28	M.T. Nurjahan	Microbiology	1320

Our College runs a Students' Benevolent Fund maintained solely by the contributions of the teachers of the college. Poor and Meritorious students are given financial help from this fund.

**Number of students benefitted from Students' Benevolent Fund**

Year	Class	No. of Students	Amount (Rs.)	Total Amount (Rs.)
2015-16	1st year	47	11,900	28,600
	2nd year	24	9,700	
	3rd year	16	7,000	

In addition to this a good number of Endowment Funds are there and many awards are given from such Endowment Funds to the students who excel in University Examinations and other extracurricular events.

### Prizes for the students from different Endowment Funds

Sl. No.	Award	Awarded for	Recipient	Marks Obtained	Amount (in Rs.)
1	Kalidas Maji Memorial Prize	Highest Marks obtained in Bengali (Honours)	Moumita Karmakar	472	800/-
2	Katyayani Maji Memorial Prize	Highest Marks obtained in Bengali (General)	Dipika Rani Lodh	198	800/-
3	Ranabir Dasgupta Memorial Prize	Highest Mark in Political Sc. (Hons)	Jaya Rani Nath	443	400/-
4	Latika Roy Memorial Prize	Highest Mark in Zoology (Hons)	Purandar Sarkar	555	400/-
5	Sukumar Maji Memorial Prize	Highest Mark in B.A. (Hons)	Sumita Paul	506	400/-
6	Kalipada Mukhopadhyay Memorial Prize	Highest Mark in Anthropology (Hons)	Aditi Karmakar	551	400/-
7	Kalipada Mukhopadhyay Memorial Prize	Highest Mark in Anthropology (Gen)	Salini Dey	253	400/-
8	Usha Kundu Memorial Prize	Highest Mark in Mathematics (Hons)	Md. Jahangir	600	600/-
9	Usha Kundu Memorial Prize	Highest Mark in Mathematics (Hons)	Moumita Paul	575	600/-

Following Students of the college were awarded prizes for their academic proficiencies in the B.A./B.Sc. (Hons, General & Major) Examination, 2015, WBSU.

#### 1. B.A. (Hons) Examination, 2015, WBSU :

Name	Marks obtained	Subject	Amount
Subhadeep Maity (1 <sup>st</sup> )	512	Journalism	700/-
Sumita Paul (2 <sup>nd</sup> )	506	Philosophy	500/-
Krishnapan Biswas (3 <sup>rd</sup> )	491	Journalism	300/-



**2. B.Sc. (Hons) Examination, 2015, WBSU :**

Name	Marks obtained	Subject	Amount
Antara Roy (1 <sup>st</sup> )	665	Microbiology	700/-
Avik Sinha Roy (2 <sup>nd</sup> )	652	Computer Science	500/-
Somnath Paul (3 <sup>rd</sup> )	601	Computer Science	300/-

**3. B.Sc.(General) Examination,2015,WBSU :**

Name	Marks obtained	Amount
Asmita Dey (1 <sup>st</sup> )	714	500/-
Sanchari Halder (2 <sup>nd</sup> )	702	400/-
Sanchita Roy (3 <sup>rd</sup> )	662	300/-

**4. B.A.(General) Examination, 2015, WBSU :**

Name	Marks obtained	Amount
Nazira Khatun (1 <sup>st</sup> )	862	500/-
Sourav Kundu (2 <sup>nd</sup> )	762	400/-
Mamon Samanta (3 <sup>rd</sup> )	720	300/-

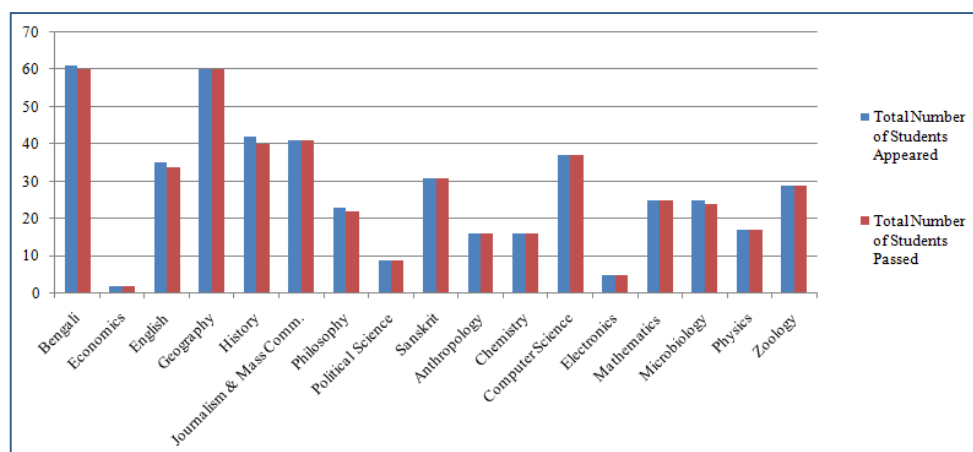
**5. B.A./B.Sc. (Major) Examination, 2015,WBSU :**

Name	Marks obtained	Subject	Amount
Sreejoyee Paul (1 <sup>st</sup> )	567	IFFV	700/-
Arka Das (2 <sup>nd</sup> )	561	ASPV	500/-
Sagar Baidya (3 <sup>rd</sup> )	529	ASPV	300/-

## **2.3 Final Year University Examination Result for the Session 2015 – 2016**

Our college is considered to be one of the premier colleges affiliated to West Bengal State University. It is therefore important to assess the overall performance of the students of this college in the university examinations. This enables us to compare the performance with the previous year and estimate our present academic status. Following is a summary of the results of our students in the university final examinations.

Sl. No	Subject	Appeared	Passed	1st Class
Under Graduate				
1	Bengali	61	60	0
2	Economics	02	02	01
3	English	35	34	0
4	Geography	60	60	0
5	History	42	40	0
6	Journalism & Mass Comm.	41	41	06
7	Philosophy	23	22	0
8	Political Science	09	09	0
9	Sanskrit	31	31	0
10	Anthropology	16	16	07
11	Chemistry	16	16	05
12	Computer Science	37	37	11
13	Electronics	05	05	01
14	Mathematics	25	25	08
15	Microbiology	25	24	04
16	Physics	17	17	05
17	Zoology	29	29	06
18	B.A. (Gen)	404	362	0
19	B.Sc. (Gen)	92	85	0
Post Graduate				
20	Computer Science	20	20	20
21	Physics	24	24	23
22	Chemistry	30	30	30
23	Electronic Science	25	25	25
24	Microbiology	20	20	20



## 2.4 Students participation in Sports, Games and other events

The students of the college participate in sports activities. Under efficient supervision of the Department of Physical Education, the students take part in various sports and games. College Annual Games & Sports: The annual games & sports of college took place on 05.01.2016.

The events were : Athletics, Football, Kabaddi, Kho-Kho, Volleyball, Cricket, Table Tennis, Badminton.

Sl. No.	Games & Sports	Number of participants (Men & Women)	Number of participants awarded
1	Athletics	236	54
2	Football	85	28
3	Kabaddi	60	24
4	Kho-Kho	72	24
5	Volleyball	72	20
6	Cricket	60	28
7	Table Tennis	32	8
8	Badminton	28	8

## Inter-college Tournament :

### Football:

The college got the opportunity to organised Inter-college Football Tournament 2015 – 2016 of West Bengal State University on 24.09.2015 and participated in that Football Tournament and reached up at semi-final.

### Athletics:

A number of students participated in Inter-college Athletics Meet 2015 – 2016. The list is given below with their event participation.

Sl. No.	Name of Student	Running	Jumping	Throwing
1	Md. Samsul Hoque	100m, 200m	Long jump	-
2	Uddalok Das	100m	-	Shot put, Discuss
3	Kuntal Mondal	800m, 1500m	-	-
4	Sumanjit Chowdhury	400m	-	Javelin
5	Abhik Ghosal	200m, 400m	-	Javelin
6	Rinku Paul	400m	High jump	Discuss
7	Reshma Khatun		Long jump	Shot put
8	Sumitra Roy	100m	Long jump	Discuss
9	Peu Biswas	200m, 400m	Shot put	-
10	Ria Saha	100m, 200m, 800m	-	-

### 3.0 Human Resource

The college presently has 58 faculty members in substantive post which enriched the academic portfolio of the college through teaching and research. Of them 24 are Associate Professors through career advancement scheme (CAS) and 34 are Assistant Professors. Beside that there are 24 State Govt. approved Contractual Whole-time Teacher and Part-time Teacher and 2 college appointed Contractual Whole-time Teacher presently. Moreover, the college appoints guest teachers in various departments in order to augment the human resource pool as per the academic needs of the departments.

**Principal: Dr. Saktibrata Bhowmik**

#### Permanent Faculty:

Sl. No	Name	Department	Designation
1	Smt. Chaitali Bhattacharya	Anthropology	Associate Professor
2	Dr. Ashish Mukherjee	Anthropology	Assistant Professor
3	Dr. Chitrita Dutta (Sarker)	Bengali	Associate Professor
4	Dr. Mallika Ray(Saha)	Bengali	Associate Professor
5	Smt. Tapati Barman	Bengali	Assistant Professor
6	Mr. Nazimul Haque	Bengali	Assistant Professor
7	Smt. Bhanumati Sarkar	Botany	Assistant Professor
8	Dr. Nimai Ratan Adhikari	Chemistry	Associate Professor
9	Dr. Kallol Mukherjee	Chemistry	Associate Professor
10	Dr. Subhojit Ghosh	Chemistry	Associate Professor
11	Dr. Sandip Saha	Chemistry	Assistant Professor
12	Dr. Madhumita Dandopath Patra	Chemistry	Assistant Professor
13	Dr. Madhushree Das Sarma	Chemistry	Assistant Professor
14	Mr. Joydeb Das Biswas	Computer Science	Associate Professor
15	Dr. Satrajit Ghosh	Computer Science	Associate Professor
16	Mr. Ashoke Biswas	Economics	Assistant Professor
17	Mr. Gouri Kumar Nanda	Education	Assistant Professor
18	Dr. Syed Rafi Ahamed	Electronic Science	Associate Professor
19	Dr. Subhro Ghoshal	Electronic Science	Assistant Professor
20	Mr. Prosenjit Roy Chowdhury	Electronic Science	Assistant Professor
21	Mr. Ayan Kanti Pradhan	Electronic Science	Assistant Professor
22	Mr. Subhoday Dasgupta	English	Associate Professor
23	Dr. Lopamudra Das	English	Associate Professor

24	Mr. Rajib Debnath	English	Assistant Professor
25	Dr. Milton Sarkar	English	Assistant Professor
26	Smt. Sunanda Biswas	Food & Nutrition	Assistant Professor
27	Mr. Ranajit Sardar	Geography	Assistant Professor
28	Dr. Kana Biswas	Geography	Assistant Professor
29	Dr. Tapati Ghatak**	History	Associate Professor
30	Dr. Subhra Choudhury	History	Associate Professor
31	Dr. Pritha Lahiri	History	Associate Professor
32	Mr. Debasish Mondal	History	Assistant Professor
33	Smt. Arpita Bal	Journalism	Assistant Professor
34	Dr. Sujit Kumar Sen*	Mathematics	Associate Professor
35	Mr. Haricharan Mahanta	Mathematics	Associate Professor
36	Dr. Kusumika Kundu	Mathematics	Assistant Professor
37	Sk. Anowar Hossain	Mathematics	Assistant Professor
38	Dr. Prajna Mondal	Microbiology	Assistant Professor
39	Mr. Sisir Rajak	Microbiology	Assistant Professor
40	Mr. Shaikh Rajesh Ali	Microbiology	Assistant Professor
41	Mr. Supratim Mondal	Microbiology	Assistant Professor
42	Dr. Nabanita Giri	Microbiology	Assistant Professor
43	Dr. Indrani Dutta	Molecular Biology	Associate Professor
44	Dr. Mahua Ghosh	Philosophy	Associate Professor
45	Dr. Nandini Ganguli	Philosophy	Associate Professor
46	Dr. Partha Sarathi Majumdar	Physics	Associate Professor
47	Smt. Mahua Karmakar	Physics	Assistant Professor
48	Dr. Ananda Sarkar	Physics	Assistant Professor
49	Dr. Sukhomoy Bhattacharyya	Physics	Assistant Professor
50	Dr. Indranil Bhattacharyya	Physics	Assistant Professor
51	Dr. Sanchita Das Gupta	Political Science	Associate Professor
52	Mr. Harekrishna Barman	Political Science	Assistant Professor
53	Dr. Sarbani Bhattacharya	Sanskrit	Associate Professor
54	Dr. Dipankar Patra	Sanskrit	Assistant Professor
55	Dr. Arabinda Das	Statistics	Assistant Professor
56	Dr. Sutapa Biswas	Zoology	Assistant Professor
57	Dr. Nithar Ranjan Madhu	Zoology	Associate Professor
58	Mr. Arup Bhattacharya	Library	Librarian

\*Dr. Sujit Kumar Sen, Associate Professor of Mathematics completed her tenure of service on 30.09.2015.

\*\*Dr Tapati Ghatak, Associate Professor of History completed her tenure of service on 30.11.2015.

**Contractual Whole-time Teacher and Part-time Teacher:**

Sl. No.	Name	Designation	Sl. No.	Name	Designation
1	Abhijit Banerjee	CWTT	14	Debasree Ghosh	PTT
2	Neena Mishra	CWTT	15	Payel Ganguly	PTT
3	Nandita Mukherjee	CWTT	16	Olympia Guha	PTT
4	Anindita Dey	CWTT	17	Shrinka Ghosh	PTT
5	Santanu Chakraborty	CWTT	18	Anutri Dutta	PTT
6	Debasmita Halder	CWTT	19	Sourav Kr. Mukhopadhyay	PTT
7	Anamika Das	CWTT	20	Phalguni Bhattacharya	PTT
8	Santanu Roy	CWTT	21	Diptak Chakraborty	PTT
9	Soumi Seal	CWTT	22	Ruma Bhattacharjee	PTT
10	Dip Chakraborty	CWTT*	23	Phuljhuri Chakraborti	PTT
11	Swapna Vijayan Mukherjee	CWTT*	24	Jayita Roy Tapadar	PTT
12	Paramita Ghosh	PTT	25	Indrajit Das	PTT
13	Mita Sen	PTT	26	Pritish Roy	PTT

\* Appointed by college

## **4.0 Faculty development**

According to UGC guidelines, the teachers are needed to attend different faculty development programmes such as Orientation Programmes, Refresher Courses, Summer Schools, Winter Schools, Short Term Courses for their career advancements. The college has a specific guideline for releasing the teachers to participate in such programmes. IQAC also keeps all the records of teachers' participation in faculty improvement courses.

The details of participation of teachers in such programmes in the session 2015-2016 are furnished here.

Sl. No.	Name of the Teacher	Discipline	Programme	Host University	Duration
1.	Dr. Ayan Kanti Pradhan	Electronics	Refresher course	Calcutta University	09.03.2016 to 31.03.2016
2.	Supratim Mandal	Microbiology	Orientation Programme	Jadavpur University	26.11.2015 to 23.12.2016
3.	Sisir Rajak	Microbiology	Short term course	Burdwan University	23.02.2016 to 29.02.2016



### Non-teaching employees

An integral and essential component of the institution is the section of Non-Teaching Employees. Their responsibility ranges from running the office as well as looking after the overall maintenance of different laboratories, library, hostels and the campus. A major role is played by the non-teaching employees in facilitating the students' issues starting from, admission, examination, results *etc.*

#### **List of Non-teaching staff presently working in the college:**

Sl. No.	Name	Designation	Sl. No.	Name	Designation
1	Tarak Nath Basak	Head-Clerk	20	Kenaram Mandal	Sweeper
2	Pradip Kanti Bose	Typist	21	Sukanta Kumar Das	Guard
3	Rabindra Nath Dewan	Clerk	22	Kamal Kumar Dey	Lab. Attd.
4	Swarup Chakraborty	Steno-typist	23	Biplab Biswas	Lab. Attd.
5	Tridib Kumar Ghosh	Clerk	24	Onkar Nath Bhaduri	G/P/G. Op.
6	Tarak Chandra Das	Clerk	25	Amitava Dutta	Lab. Attd.
7	Shyam Sundar Das	Electrician	26	Shekhar Das	Lab. Attd.
8	Shekhar Halder	Typist	27	Ram Biswas	Lab. Attd.
9	Ananda Mali	Clerk	28	Robin Nandi	Lab. Attd.
10	Kalyan Bose	Lab. Attd.	29	Khukurani Biswas	Lab. Attd.
11	Ram Krishna Dhar	Lab. Attd.	30	Subrata Bose	Lab. Attd.
12	Laxmi Chhetri	Peon	31	Upananda Mondal	Office Peon
13	Sanjay Ghorai	Sweeper	32	Krishnendu Guha	Library Peon
14	Sk. Asgar Ali	Lab. Attd.	33	Arup Mallick	Office Peon
15	Madhusudan Bose	Lab. Attd.	34	Jagadish Biswas	Guard
16	Pradip Kumar Roy	Lab. Attd.	35	Bidyut Kumar Das	Lab. Attd.
17	Chandan Chatterjee	Lab. Attd.	36	Amit Mondal	Lab. Attd.
18	Raju Dhar	Lab. Attd.	37	Srikanta Sahu	Guard
19	Rita Biswas	Lady Attd.			

## 5.0 Research Activities

The teachers of Acharya Prafulla Chandra College are actively involved in research. While young teachers are enrolled in Ph.D. programmes in different universities, quite a few senior teachers are pursuing post doctoral work. Minor and Major research projects are ongoing in or college. The research outcomes are reflected in the form of publications in acclaimed national and international journals. Our teachers regularly participate in various conferences, seminars and workshops and contribute as resource persons.

### 5.1 Major Research Projects:

Sl. No.	Name of teacher	Year of sanctioning	Title of the Project	Funding Agency	Grant Sanctioned	Present Status
1.	Dr. Nabanita Giri (Microbiology)	2014 Ongoing	Investigation of Shigella phage diversity in environmental water samples of Kolkata	DST	18 Lacs	Ongoing
2.	Dr. Nabanita Giri (Microbiology)	2014 Ongoing	Investigation of Shigella phage diversity and their genomics isolated from environmental	DBT	26.7 Lacs	Ongoing

### 5.2 Minor Research Projects:

Sl. No.	Name of teacher	Year of sanctioning	Title of the Project	Funding Agency	Amount of Grant	Present Status
1.	Dr. Arabinda Das (Statistics)	2013	Estimating different diseases through modelling developed in persons taking Arsenic contaminated water and food in West Bengal	UGC	<b>Total :</b> 1.53 Lacs  <b>Received :</b> 1.46 Lacs	Ongoing

2.	Dr. Dipankar Patra (Sanskrit )	2014	Ancient and modern rules of Dattaka (adoption) of child – A comparison on Indian perspective	UGC	<b>Total :</b> 3.00 Lacs <b>Received :</b> 2.84 Lacs	Ongoing
3.	Dr. Kusumika Kundu (Maths)	2015	Mathematical models on agro-terrorism	UGC	<b>Total :</b> 3.50 Lacs <b>Received :</b> 2.75 Lacs	Ongoing
4.	Dr. Sukhamoy Bhattacharyya (Physics)	2015	Spectral properties of externally confined atomic systems	UGC	<b>Total :</b> 3.66 Lacs <b>Received :</b> 3.36 Lacs	Ongoing

### **5.3 Ph. D degree Awarded**

The following teacher of this college has been awarded Ph.D. degree during the session 2015-2016.

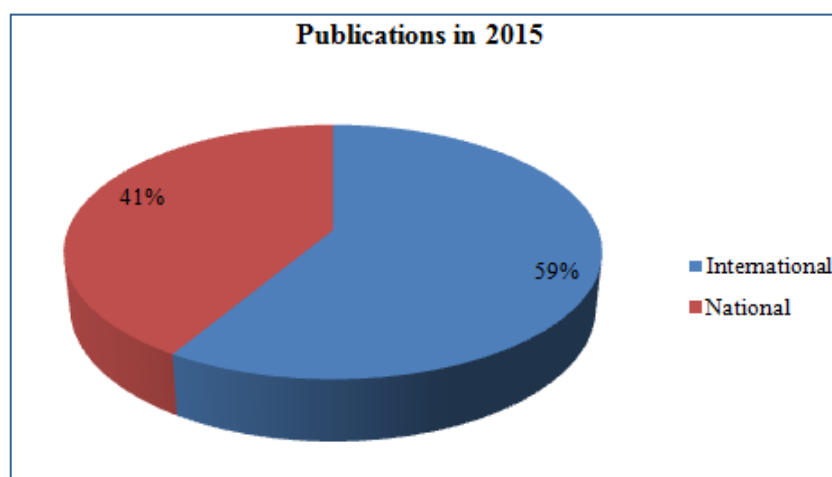
Sl. No.	Teacher	Department	Year of Ph. D.	University
1.	Gouri Kumar Nanda	Education	2016	University of Kalyani

The following teachers are continuing at present as Ph.D. aspirants under different universities and pursuing their research in addition to their regular academic assignments.

1. Chaitali Bhattacharyya (Anthropology)
2. Mahua Karmakar (Physics)
3. Gouri Kumar Nanda (Education)
4. Tapati Barman (Bengali)
5. Ranajit Sardar (Geography)
6. Prosenjit Roy Chowdhury (Electronics)
7. Sunanda Biswas (Food and Nutrition)
8. Supratim Mondal (Microbiology)
9. Ayan Kanti Pradhan (Electronics)
10. Santanu Chakraborty (Economics)
11. Abhijit Banerjee (Electronics)

## 5.4 Research and academic publications in 2015

In the year 2015, the teachers of this college have done 29 research and academic publications done in various national and international journals of repute. In the following figure we provide a graphical presentation showing the share of international and national publications for this period.



### The details of all the Publications in 2015

#### Department of Physics

##### Departmental Collaborations

1. *On the determination of activation energy and the order of kinetics in thermoluminescence - Radiation Effects and Defects in Solids* - M. Karmakar, S. Bhattacharyya, P.S. Mazumdar and S.D. Singh : Vol **170**, Pg. 977 (2015)

#### **Dr. Ananda Sarkar**

1. Acetylacetonato chelated ruthenium organometallics incorporating imine–phenol function: Spectroscopic, structural, electrochemical and cytotoxicity studies - *Inorganica Chimica Acta*- S. Mallick, M. K. Ghosh, **A. Sarkar**, S. Jana, A. Bhattacharyya, S. Mohapatra, S. Chattopadhyay : Vol : 430 Pg : 36-35 (2015)
2. Double azido-bridged and mixed-bridged binuclear copper(II) and nickel(II) compounds with N,N,O-donor Schiff bases: Synthesis, structure, magnetic and DFT study - *Polyhedron*- P.P Chakarborty, S Giri, D. Schollmayer, H Sakyama, M Mikuriya, **A Sarkar**, S. Saha : Vol : 89 Pg : 49–54 (2015)

**Dr. Sukhamoy Bhattacharyya**

1. Non-relativistic structure calculations of two-electron ions in a strongly coupled plasma environment - *Physical Review A* - **S Bhattacharyya**, J K Saha and T K Mukherjee : Vol 91 Pg : 042515 (2015)
2. Two-electron ions in strongly coupled plasma environment - *Journal of Physics: Conference Series* [29th International Conference on Photonic, Electronic and Atomic collisions, ICPEAC-2013 at Toledo, Spain during July 22-28, 2015]- **S Bhattacharyya** : Vol 635 Pg. 092008 (2015)

**Department of Chemistry****Dr. Sandip Saha**

1. Double Acid-Bridged and Mixed Bridged Binuclear Copper(II) and Nickel(II) compounds, with N,N,O- Doner Schiff-Bases: Synthesis Structure Magnetic and DFT Study - *Polyhedron* - P.P Chakarborty, S Giri, D. Schollmayer, H Sakyama, M Mikuriya, A Sarkar, **S. Saha** : Vol : 89 Pg : 49–54 (2015)

**Department of Statistics****Dr. Arabinda Das**

1. Estimation of Urinary Arsenic Exposure using Copula-based Regression: A Case Study of West Bengal - *Environmental Modelling & Assessment*- **A. Das** : Vol : 20 (2) Pg : 159–167 (2015)
2. Copula-based Stochastic Frontier Model with Autocorrelated Inefficiency - *Central European Journal of Economic Modeling and Econometrics*- **A. Das** : Vol : 7 (2) Pg : 111-126 (2015)

**Department of Electronics****Dr. Sourav Kumar Mukhopadhyay**

1. A Combined Application of Lossless and Lossy Compression in ECG Processing and Transmission via GSM based SMS- *Journal of Medical Engineering and Technology*- **S. K. Mukhopadhyay**, S. Mitra, M. Mitra: Vol : 39(2), Pg : 105-122 (2015)

**Department of Microbiology****Sri Supratim Mandal**

1. Synthesis and Biological Evaluation of Small Molecule Ferrocenylquinoline as a Potential Antileishmanial Agent- *ChemMedChem*- Md. Yusuf, D Mukherjee, A Pal, S Dey, **S Mandal**, C Pal, S Adhikari: Vol 10(3), Pp : 546–554 (2015).
2. A novel triterpene from *Astraeus hygrometricus* induces reactive oxygen species leading to death in *Leishmania donovani* - *Future Microbiology*- S. Mallick, S Dey, **S Mandal**, A Dutta, D Mukherjee, G Biswas, S Chatterjee, S. Mallick, T K Lai, K Acharya, C Pal: Vol 10(5), pp: 763-89 (2015).

## **Department of Computer Science**

### **Dr. Satrajit Ghosh**

1. Yet Another nlogn Sorting- *International Journal of Computer Science and Information Technologies*- A Bhattacharya, **S Ghosh**: Vol 6 (6), pp: 5558-5560 (2015).
2. Unambiguous Representation of Sliceable Rectangular Floor plans- *International Journal of Computer Science and Information Technologies*- S P Saha and **S Ghosh**: Vol 6 (3), pp: 2653-2657 (2015).

## **Department of Botany**

### **Smt Bhanumati Sarkar**

1. Plant extracts as potential for Anti-feeding activity of rodents and some important insects pest: An eco-friendly approach for pest control -*Int. J. Adv. Res. Biol. Sci*, N R Madhu, **B Sarkar**, P Biswas, A Patra, S. J. Biswas & B. K. Behera, Vol- 2(8), Pp 170–175 (2015).

## **Department of Zoology**

### **Dr. Nithar Ranjan Madhu**

1. Plant extracts as potential for Anti-feeding activity of rodents and some important insects pest: An eco-friendly approach for pest control -*Int. J. Adv. Res. Biol. Sci*- **N R Madhu**, **B Sarkar**, P Biswas, A Patra, S. J. Biswas & B. K. Behera : Vol 2(8) pp 170–175 (2015).

## **Department of Food & Nutrition**

### **Smt Sunanda Biswas**

1. The interrelationship of livelihood, income and body mass index of farm women in West Bengal : Estimation through score of socio-economic and ecological correlates -*Advances in Economics and Business Management*- S Biswas, S K Acharya, M Sen : Vol 2(15) Pg. 1549-15552 (2015)

## **Department of Geography**

### **Dr. Kana Biswas**

1. Female Literacy and Educational Level : Case Study of Gosaba Block of South 24 Parganas and Ausgram Block II of Bardhaman, West Bengal- *Geographical Review of India*- **K. Biswas**: Vol 77 (3), pp: 258-270 (2015).

### **Sri Ranajit Sardar**

1. Health Hazard and its Management of South 24 Parganas (A Case Study of Kultali Block) - *Proceedings of International Seminar on Environmental Perspectives and Resource Management- Institute of Landscape, Ecology and Ekistics* : Vol 2 Pg. 79-84 (2015)

## **Department of Economics**

### **Sri Santanu Chakraborty**

1. Non-Institutional Credit Distribution in West Bengal: Observations from Recent NSS Data - *Splint International Journal of Professional-* S. Chakraborty: Vol-2. Issue-7, 13-26 (2015).
2. Persistence of Women Moneylenders in West Bengal -*Journal Social Vision-* S. Chakraborty, Vol.2(1), pp-17-24 (2015).
3. Small Business and Non-Institutional Credit: A Study in West Bengal -*International Journal of Innovative Research and Development-* S. Chakraborty, Vol.4(8), Pg. 223-231, (2015).

## **Department of Bengali**

### **Dr. Nazimul Hoque**

1. Swami Vivekananda Patrabalee : Ekti Nirikshan, *Vivekananda : Sahitya O Samajbhabnar Nana Prekshite (Ramakrishna Mission Vidyamandir)- N Hoque*, : Pg: 69-72 (2015).

### **Dr. Mallika Roy**

1. Rabindranatye Manabatar Bhasya : Anupam Rabindranath - *Chapter published in Book Rabindra Natyacharcha : Sampratik Abhimukh* - Pg 248 (2015)

## **Department of Sanskrit**

### **Dr. Dipankar Patra**

1. Vaṅga - *Anviksa, Dept of Sanskrit, Jadavpur University* - D. Patra : Vol : XXXVI, Part-II Pg : 136-139 (2015)
2. The Concept of Vaṅgāla - *Alokavarttika, Dept. of Sanskrit, The University of Burdwan-* D. Patra : Vol : 01 Pg : 87-92 (2015)

## **Department of English**

### **Sri Subhoday Dasgupta**

1. Beatles Upakhayan -*Anustup Sangeet Sankhya-* S Dasgupta, Vol XLVIII(4) Pg- 184-244 (2015).

## **Department of Education**

### **Dr. Gouri Kumar Nanda**

1. Inclusive Education as a Human Right and Right to Inclusive Education - *Book Chapter in "Right to Education Act and After"* - C Nanda and G. K. Nanda (2015)

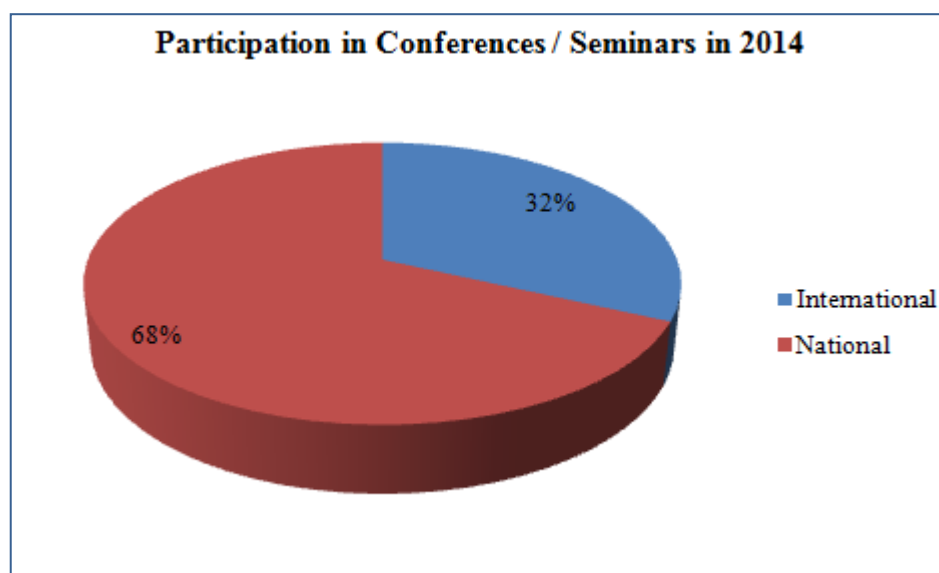
## **Department of Physical Education**

### **Sri Khairuzzaman Mallick**

1. Comparative Study on Anxiety in Ramadan Between Fasting and Non Fasting Female Islamic Physical Education Students - *Indian Journal of Physical Education, Sports and Applied Sciences*- **K Mallick**, B Nayek, D Sahu : **Vol 5(1) Pg-7** (2015)

### **Participation in conferences, Seminars etc. (2015)**

The teachers of this college have taken part and contributed in different conferences, seminars, workshops etc. in both national and international levels. During the year 2015, our teachers took part in 36 events. In the following diagram we present a comparative analysis of participation in such programmes at international and national levels.





### Seminars/Special Lectures etc. organized in the college during the session 2015-2016

The list of seminars organized in the college by different departments and other bodies is given below.

Sl. No.	Date	Department	Type	Topic	Speaker
1.	16.12.2015	Bengali	Special Lecture	Rabindranather Sahitya : Bishlesaner Aloke	Dr. Chaitali Mukherjee, Associate Professor, Derozio Memorial College
2.	28.01.2016	Botany	Special Lecture	<i>Nematodes effects of plants and their remedy</i>	Dr. Pradip Kumar Kar, Assistant Professor of Zoology, Moulana Azad college, Kolkata
3.	15.01.2016	Botany	Special Lecture	<i>Biodiversity of Mangroves in Sundarban and their uses</i>	Dr. Punarbasu Choudhuri, Assistant Professor of Environmental Science, University of Calcutta
4.	23.12.2015	Botany	Special Lecture	<i>Diversity of medicinal plants in India and their uses</i>	Dr. Prabir Ranjan Sur, Scientist of Botanical Survey of India
5.	18.12.2015	Chemistry	Special Lecture	Development of Nano-Structured Materials for Application in Energy and Biotechnology	Dr. Kartick Chandra Ghosh, Dept. of Physics and Materials Science, Missouri State University, USA
6.	22.12.2015	Computer Science	Special Lecture	Two processes of image processing	Dr. Amitava Chanda, (Former) Professor, Indian Statistical Institute, Kolkata
7.	19.12.2015	Economics	Special Lecture	Sampling Theory and Distribution	Dr. Chironjib Neogi, Research Scientist, Indian Statistical Institute, Kolkata
8.	12.09.2015	Economics & Placement Sub-committee	Career Counselling		Sri Mitadru Dey, Senior Associate, J. P. Morgan, New York, USA
9.	18.12.2015	Education	Special Lecture	Memory, Memorization and Forgetting	Dr. Tapan Kumar Chand, Associate Professor, Department of Education, Maharani Kishiswari College, Kolkata
10.	20.01.16	Food &	Special	Malnutrition :The	Dr. Kazi Layla Khaled,

		Nutrition	Lecture	Great Challenge Of Nutrition	Assistant Professor, Dept. Of Home Science, University Of Calcutta
11.	18.12.15	Food & Nutrition	Special Lecture	Balance Nutrition And General Food Notion	Ms. Otrima Pramanik Das, Executive Dietecian, Calcutta Medical Research Institute
12.	18.12.2015	Geography	Special Lecture	'Feminist Ecology : Special Reference to India	Smt. Paramita Chowdhury, Assistant Professor, Dept. of Geography, M. U. C. Women's College, Bardhaman
13.	18.12.2015	Geography	Special Lecture	Application of GIS and Remote Sensing in Geography	Dr. Sukla Hazra, Principal, East Calcutta Girls' College, Kolkata
14.	18.12.2015	History	Special Lecture	Renaissance in Europe	Smt. Srabani Biswas, Assistant Professor, Department of History, Sree Chaitanya College, Habra
15.	16.12.2015	History	Seminar Lecture	Buddhism in India and its Philosophical Trends	1) Dr. Mrinal Kanti Gangopadhyay (Formerly Ashutosh Professor, Department of Sanskrit, University of Calcutta) 2) Dr. Sarita Khettry (Associate Professor, Department of Ancient Indian History, Culture and Archaeology), Visva Bharati University.
16.	10.12.2015	History	Students' Seminar	Theory of Kingship during Turko-Afghan Period	Dr. Indranil Chattopadhyay, Assistant Professor, Dept. of History of Brahmananda Keshab Chandra College
17.	27.02.2016	Mathematics	Students' Seminar	5 different topics	
18.	08.01.2016	Mathematics	Special Lecture	Basic Mathematical Model on Ecoepidemiology	Dr. Nanda Dulal Bairagi, Professor of Mathematics, Jadavpur University
19.	30.01.2016	Microbiology	seminar lecture	Industrial Microbiology and its Applications	Dr. Ambika Charan Banerjee, (Retd.) Scientist, East India Pharmaceuticals, West Bengal
20.	15.12.2015	Physical Education		Sports Medicine (Exercise Therapy)	Dr. Kishore Mukhopadhyay Assistant Professor and Head Department of Physical Education

					Union Christian Training College Berhampore, WB
21.	03.02.2016	English	Special Lecture	T. S. Eliot's Romanticism : His Notion of Time, Self and Spiritual Journey	Mr. Raja Basu Assistant Professor of English Sree Chaitanya College
22.	23.12.2015	English	Special Lecture	The Elizabethan Picture : An Intellectual Background of Renaissance Literature	Dr. Shamik Sen Assistant Professor, Naba Barrackpore Prafulla Chandra Mahavidyalaya
23.	15.12.2015	Political Science	Special Lecture	Gramsci and the Theory of Hegemony	Dr. Arundhati Bhattacharya Assistant Professor, Bhairab Ganguly College
24.	15.12.2015	Political Science	Special Lecture	Congress and Muslim League Divide	Smt. Mahua Basu Assistant Professor, Banipur Mahila Mahavidyalaya
25.	18.02.2016	Zoology	Departmental Seminar	Evolutionary Perspective Animal Behaviour	Dr. Narayan Ghorai The Dept. of Zoology West Bengal State University
26.	28.01.2016	Zoology	Seminar Lecture	Animal classification phylogeny and organization	Dr. Pradip Kumar Kar Dept. of Zoology Maulana Azad College, Kolkata
27.	27.01.2016	Zoology	Seminar Lecture	Cell cycle and oncogene	Mr. Chinmoy Ghosh Dept. of Zoology Basirhat College
28.	25.01.2016	Philosophy	Special Lecture	Concept of 'Purushartha'	Dr. Atreyee Mukherjee Assistant Professor West Bengal State University
29.	25.01.2016	Philosophy	Special Lecture	Euthanasia	Smt. Mili Dutta Assistant Professor Dept. of Philosophy, Chandraketugarh College
30.	25.01.2016	Philosophy	Special Lecture	'Anupalabdhi'	Smt. Bithika Saha Assistant Professor, Amdanga College
31.	10.05.2016	Physics	Special Lectures	"100 years celebration of General Theory of Relativity" 1) The Voice of	Prof Soumitra Sengupta Dept. of Theoretical Physics Indian Association for the Cultivation of Science, Jadavpur

				Cosmos : Einstein & the Gravitational Wave 2) Unending Mysteries of Space-Time and Black Holes	
32.	15.12.2015	Physics	Special Lecture	A Review on Luminescence of Semiconducting Nanostructures	Prof. S. D. Singh Dept. of Physics Manipur University
33.	16.07.2015	Physics	Special Lecture	Ionization and Atomic Collisions	Dr. Malay Purkait Dept. of Physics Narendrapur Ramakrishna Mission Residential College Narendrapur, Kolkata
34.	16.03.2016	Placement & Career Counselling Sub-committee	Special Lecture	Entrepreneurship and its status in West Bengal	1) Dr. Subhrangshu Sanyal, CEO, Indian Institute of Management, Kolkata Innovation Park 2) Shailendra Rakhecha (Innovation Quest) 3) Prantick Sinha (Agastya Buoyant Pvt Ltd) [Two participants of 'Egiye Bangla' ]
35.	Dec2015	Arts Departments	Career counselling programme	Job opportunities in tourism industry	

## **5.5 Research Journal**

Initiated in the previous year, the process of publishing the journal titled be '**Academic Journal of Acharya Prafulla Chandra College**' is continuing. Following experts from external institutes have given their kind consents to be the advisors of the editorial board of the journal.

1. **Dr. Gurunath Mukherjee**  
(Former) Sir Rashbehary Ghose Professor, Dept. of Chemistry,  
Calcutta University, Kolkata, India
2. **Dr. Nrisinghaprasad Bhaduri**  
(Former) Reader, Gurudas College  
Kolkata, India
3. **Dr. G. L. Tiwari**  
Professor, Dept. of Botany  
University of Allahabad, India
4. **Dr. Lokesh C. Tribedi**  
Full Professor, Dept. of Nuclear & Atomic Physics  
Tata Institute of Fundamental Research  
Mumbai, India
5. **Dr. Manojit Mitra**  
Head, Dept. of Electronics & Telecommunication  
Indian Institute of Engineering Science & Technology, Shibpur, India

In the first volume of the journal, 14 contributions have been accepted for publication. The Research and Publication /Project Subcommittee has taken the initiative to obtain the ISSN for the journal. Communications are being made with the Registrar of Newspapers for India, Govt. of India and for this purpose, the authority of this college submitted necessary documents to the office of the Sub-Divisional Officer, Barrackpore, North 24 PGS. After obtaining the registration number, further steps would be taken for obtaining ISSN.

## 6.0 Awareness Programmes and Social Outreach

Our college believes in imparting education which takes care of an all round development of a student. In this all round development, a sense of social responsibility must play a vital role. With this vision the college undertakes a number of awareness and welfare programmes from time to time. Such programmes include health camps in nearby locality, blood donation camps, seminars on scientific and social issues.

The awareness and extension activities of the institution are executed through the following wings :

1. National Service Scheme - Unit I
2. National Service Scheme - Unit II
3. National Service Scheme - Unit III
4. Extension Activities sub-committee
5. Women's Cell
6. UGC Equal opportunity Centre

Moreover, different sub-committees also participate in such programmes

### List of Programmes organized in the session 2015-2016:

Sl. No.	Topic/ Title	Date	Organized by	Speaker/Resource Person
1.	Healthy living for the elderly	Oct. 2015 to Feb. 2016	Extension Activities Subcommittee Acharya Prafulla Chandra College	The programme is performed under the supervision of Prof. Chaitali Bhattacharya, Dept. of Anthropology of this college
2.	Thalassemia Detection Programme	09.10.2015	Extension Activities Subcommittee Acharya Prafulla Chandra College	Dr. Rabindranath Halder Ranaghat Thalassemia Detection Centre (Auxiliary unit of State Thalassemia Control, Dept. of Health and Family Welfare, Govt. of West Bengal)
3.	Entrepreneurship and its status in West Bengal	16.03.2016	Placement and Career Counselling Sub-committee	1) Dr. Subhrangshu Sanyal, CEO, Indian Institute of Management, Kolkata Innovation Park 2) Shailendra Rakhecha (Innovation Quest) 3) Prantick Sinha (Agastya Buoyant Pvt Ltd) [Participants of 'Egiye Bangla' ]

### **Programme on Healthy living for the elderly people**

Healthy Living drive is an attempt to help the poor elderly living in urban slum to overcome their age related short-comings through sensitizing campaign. This programme was taken up by the Extension Activity Committee as a dominant strategy for mobilizing students towards social welfare and humanitarian activity. The target group of this programme was people above 60 years of age living in the slum areas of the neighbouring New-Barrackpore Municipality. A ten point program was undertaken with student-volunteers acting as agents to fill into them that vital willingness to regain their happiness through practicing some healthy habits regularly. The programme started in October 2015 and continued till February 2016. Prof. Chaitali Bhattacharya, Associate Professor of the Department of Anthropology guided our students to conduct the survey and run the programme.

### **Thalassemia Detection Programme**

In continuation of the previous year's programme, the Extension activities sub-committee has arranged another Thalassemia Detection Programme in this college on 09.10.2015. Dr. Rabindranath Halder and his team of Ranaghat Thalassemia Detection Centre, an auxiliary unit of State Thalassemia Control, Department of Health and Family Welfare, Govt. of West Bengal organized an awareness programme and blood sample collection camp in the college premises for Thalassemia detecting test of the students and a section of neighbouring locality.

### **Career Awareness Programme on Entrepreneurship**

Acharya Prafulla Chandra Roy throughout his life stressed on the need for utility education for a developing country as ours. In consonance with his philosophy this institution has strived to promote the spirit of entrepreneurship among its students. In this session the Placement and Career Counselling Sub-committee organized a seminar titled 'Entrepreneurship and its status in West Bengal' on 16.03.2016. Our college is the first amongst the sponsored colleges to host such a program. Dr. Subhrangshu Sanyal, CEO, IIM Calcutta Innovation Park interacted with the students on the need to create entrepreneurial mindset. Dr. Sanyal mentioned that if some students really come up with good business ideas, IIM Calcutta Innovation park is willing to act as a mentor. Another highlight of the event was

the participation of two entrepreneurs Shailendra Rakhecha (Innovation Quest) and Prantik Sinha (Agastya Buoyant Pvt. Ltd.), the finalists in the TV reality show on business ideas called “Egiye Bangla” sponsored by the Govt. of West Bengal. They shared their experience with the students.

### **NSS Activities during the Academic Session 2015-16**

The units of National Social Services of this college (Unit I, II & III) involves our student volunteers in several activities in order to generate a sense of social awareness among them. Following is a summary of the activities performed during the aforementioned tenure by the teachers and students of the college under the NSS activities.

- Awareness Programme on Anti Smoking and Celebration of “World No Tobacco Day”.
- Celebration of Independence day and Republic Day
- Celebration of 'Ekta Dibas' (Birthday of Sardar Patel)
- Celebration of National Youth Day, Social Justice Day, Martyr Day, World Health Day, Environment Day, International Literacy Day etc.
- Tree Plantation Programme and Celebration of Aranya Saptaha.
- Awareness Programme on Dengue Fever.
- Lecture on "Awareness Programme on Communicable Diseases” by Dr. Ashok Kumar Mallick.
- Special Lecture Programme regarding “Youth Motivation in Social Welfare and Community development activities” by Dr. Pranam Dhar, West Bengal State University



## **7.0 Cultural Activities**

The cultural sub-committee, students' union and the NSS units celebrate several cultural events. Many special days are celebrated in the college. Some of the special days are mentioned here.

- Rabindra Jayanti
- Birth anniversary of Acharya Prafulla Chandra Ray
- Birth anniversary of Sardar Patel
- Birth anniversary of Swami Vivekananda
- Teachers' Day

The students Union also arranged the annual cultural programme of this year.

## **8.0 Infrastructure and Learning Resources**

With the endeavours from all the corners, the developmental works, which are indeed parts of a continuous process, are being pursued in this college. We highlight some of the key developments done in this college during 2015-2016.

### **8.1 Building, construction and maintenance**

A good amount of construction works have been undertaken during this period.

- The second gate of the main campus has been constructed in front of the vocational building.
- A seminar room has been constructed
- Class rooms including two galleries have been renovated
- Renovation and restructuring of the laboratories
- Renovation works in the auditorium are in progress. The false ceiling is already completed.
- Development work of the college play ground is initiated.
- A lawn has been prepared at the front part of the college
- The process of installation of the solar panel grid has been initiated

## 8.2 Other infrastructural developments

Other than the constructional works, the college authority has taken some other measures for augmenting the infrastructure of overall teaching and administration.

- Wi-fi network has been installed in the campus under Reliance Jio project
- The main campus, post grad campus and buildings have been brought under CCTV surveillance
- Digital notice board has been installed
- Air-conditioning machines have been installed at many places
- Initiative is taken to develop a language laboratory

## 9.0 Library

The college takes pride in having a well-stocked library of about 30,000 books and a number of journals and periodicals. The process of full automation of the college library is going on. The college administration has taken a plan to extend the space of the library. There is a plan of introducing OPAC in the library. The library is computerized with KOHA software. E-journals & E-books can also be accessed by both students and teachers in the library.

The college releases fund for purchasing books for each department every year. Purchase of books is done under the supervision of the Library subcommittee as per needs and requisitions of the departments. The number of existing titles and the new entries in the session 2015-2016 in different categories is furnished below

Item	Number of Books		
	Existing	Newly added	Total
Text Books	27956	1066	29022
Reference Books	39	-	39
e-Books	97000	-	97000+
Journals	343	27	370
e-Journals	6000+	-	6000+
CD & Video	37	08	45

The department wise addition of books in the library during the session 2015-16 is furnished below :

Sl. No.	Subject	2015-16
1	Anthropology	10
2	Bengali	72
3	Botany	21
4	Computer Science	57
5	Economics	41
6	Education	214
7	Electronics	29
8	English	30
9	Food & Nutrition	43
10	Geography	81
11	History	45
12	Human Development	48
13	Journalism	26
14	Mathematics	29
15	Microbiology	6
16	Molecular Biology	3
17	Philosophy	5
18	Physical Education	40
19	Physics	43
20	Political Science	34
21	Reference	3
22	Sanskrit	114
23	Statistics	47
24	Zoology	25
Total		1066

## 10.0 Financial Aspects for the Financial Year 2015 – 2016

As a college under section 2(f) and 12B of UGC act 1956, the activities, maintenance and developmental works of the college largely depend on the grants received from UGC and other agencies of both state and central governments. In the following sections, we furnish the financial information of the college for the financial year 2015-2016.

### 10.1 Budget Statement

The budget prepared for the financial year 2015-16 is furnished here.

Sl No.	Item	Budgeted amount for 2014-15	Actual Amount in 2014-15	Budgeted amount for 2015-16
Receipt				
<b>A</b>	Under Graduate Fees & Collections			
<b>Ai.</b>	Revenue Fees	39,93,000.00	46,31,614.00	48,20,300.00
<b>Aii.</b>	Other Fees	31,85,000.00	41,35,028.00	52,55,000.00
<b>Aiii.</b>	University Fees	5,88,000.00	4,73,695.00	6,02,000.00
<b>Aiv.</b>	Student Fund Fess:	9,47,000.00	10,64,495.00	11,05,000.00
<b>B.</b>	Post Graduate & Other Course Fees	50,70,000.00	50,51,010.00	54,55,000.00
<b>C.</b>	Miscellaneous Income	11,61,000.00	11,16,467.00	12,32,000.00
	<b>Total Receipt (A+B+C)</b>	<b>149,44,000.00</b>	<b>164,72,309.00</b>	<b>184,69,300.00</b>
<b>D.</b>	Capital Fees	9,50,000.00	14,28,565.00	28,00,000.00
<b>E.</b>	Library fees	2,05,000.00	1,90,822.00	2,40,000.00
<b>F.</b>	Labortary Fees	37,50,000.00	48,60,120.00	54,50,000.00
	<b>Total Capital Fees Receipt (D+E+F)</b>	<b>49,05,000.00</b>	<b>64,79,507.00</b>	<b>84,90,000.00</b>
Payment				
<b>A.</b>	Under Graduate Student Exp.	32,65,450.00	36,73,053.00	37,77,000.00
<b>Ai.</b>	Student Fund Exp.:	3,47,000.00	2,52,380.00	3,87,000.00
<b>Aii.</b>	Laboratory Expenditure	1,50,000.00	1,75,197.00	1,80,000.00
<b>B.</b>	Post Graduate Exp.	4,37,100.00	7,09,236.00	4,88,550.00
<b>C.</b>	Misc. Office Expenditures	18,66,200.00	19,33,184.00	23,21,500.00
<b>D.</b>	Part-Time & Contractual Allow.	46,00,000.00	52,96,947.00	57,50,000.00
	<b>Total Payment (A+B+C+D)</b>	<b>106,65,750.00</b>	<b>120,39,997.00</b>	<b>129,04,050.00</b>
	Excess receipt over expenditure	42,78,250.00	44,32,312.00	55,65,250.00
<b>E.</b>	Fixed Asset Purchased	192,05,000.00	263,25,990.00	163,50,000.00

## 10.2 Grant Received for the Financial Year 2015 – 2016

Below we furnish the details of fund received by the college from different sources during the financial year 2015-2016.

Sl. No.	Purpose for which grant sanctioned	Memo No. & Date	Date of credit	Amount Received (in Rs.)
<b>UGC</b>				
1	Addl. Grant-UGC (Equipment)	UGC-080/10-11 date 26.03.2015	04.02.2015	1,81,425
2	Minor Research Project - Dr. Arabinda Das	PSW-105/12-13 date 28.03.2015	04.02.2015	29,200
3	Minor Research Project - Dr. Dipankar Patra	PHW-249/13-14 date 1.7.2015	16.07.2015	64,000
<b>DST (Fund for Science &amp; Engineering Research)</b>				
4	Major Research Project - Dr. Nabanita Giri	SB/YS/LS-189/2013 date 15.05.2014	09.11.2015	5,00,000
<b>Govt. of West Bengal</b>				
5	Performance cum need base scheme	903/EM/P/CS/10M-18/07 date 22.03.2015		10,00,000

## 10.3 UG / PG Course Account

The financial details for running the undergraduate and post graduate sections are shown in the following table.

<b>Group - A (Actual 2014-15)</b>			
Item	Amount (in Rs.)	Item	Amount (in Rs.)
From Revenue Fees Receipt	164,72,309.00	Payment from Revenue Fund	120,39,997.00
Add: Capital Fees Receipt	64,79,507.00	Add: Capital Expenditure	263,25,990.00
Total	229,51,816.00	Total	383,65,987.00
Balance to be transfer to capital Fund			<b>154,14,171.00</b>
<b>Group - A (Estimated 2015-16)</b>			
From Revenue Fees Receipt	184,69,300.00	Payment from Revenue Fund	129,04,050.00
Add: Capital Fees Receipt	84,90,000.00	Add: Capital Expenditure	163,50,000.00
Total	269,59,300.00	Total	292,54,050.00
Balance to be transferred to capital Fund			<b>22,94,750.00</b>

## 11.0 Feedback analysis (2015-2016)

The students' feedback received from the final year students of all sections i.e. honours, general and post graduate degree courses are analysed in order to obtain the overall impression of the main stakeholders of this college. Students put their feedback in feedback forms on various aspects of quality of teaching, infrastructure, support services etc. The feedback of students are analysed in detail to figure out the areas that need attention.

