PROFILE OF THE DEPARTMENT OF STATISTICS, BAJALI COLLEGE, PATHSALA

1. Name of the Department : Department of Statistics
2. Year of establishment : 1973
3. History : The subject Statistics was introduced for the first time in the first year of two year degree course as a subsidiary subject .Late Prof. S N Sarma was the founder Head of the department .Statistics was introduced as an elective subject in the Pre ‐university program in the next year . Statistics was offered as a Major subject in 1989-90 session in three year degree program. From the first batch one student of Major course secured first class in the final examination in 1992
4. Programs of study : At U G level : ( a ) Statistics as a Major/Honours subject

 (b) Statistics as a General or Subsidiary or Regular subject

At HS Level: Statistics as an optional subject both in Arts & Science stream.

1. Present enrolment ( 2019-2020):

|  |  |  |
| --- | --- | --- |
| CLASS / SEMESTER | **COURSE** |  NO. OF STUDENTS |
| B A / B SC SEM I/ II | HONOURS | 23 |
| REGULAR |  05 |
| B A / B SC SEM III / IV | MAJOR | 39 |
| GENERAL | 20 |
| B A / B SC SEM V / VI | MAJOR | 25 |
| GENERAL | 04 |
| HS | 1ST YEAR | 03 |
| 2ND YEAR | 06 |

6. Faculty Profile:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Faculty | Qualification | Designation | Specialization | No. of years of Experience | No. of Ph.D. students guided (last 4 years) |
| 1. Mr. T. Khataniar | M.Sc.(Double) | Assoc. Prof. | Operation Research | 32 | ------ |
| 2. Ms. A. Bhattacharya | M.Sc. | Assoc. Prof. | Demography | 27 | ------ |
| 3. Mr. D. N. Adhikary | M.Sc. | Assoc. Prof.& present HoD  | Demography | 33 | ------ |
| 4.Vacant | ------ | ------ | ------ | ------ | ------ |
| 5.Vacant | ------ | ------ | ------ | ------ | ------ |
|  |  |  |  |  |  |

7. Student teacher Ratio ( program wise ) : U G (Major ) :- 29 : 1, U G ( Gen ) :- 10: 1

 **8.** Number of academic support staff (technical) and administrative staff; sanctioned and filled:

|  |  |  |
| --- | --- | --- |
| Category | Sanctioned | Filled |
| Academic support staff (technical) | 01 | Nil |
| Administrative staff | Nil | Nil |

 9. **.**Analysis of results of last 15 years::

|  |  |  |  |
| --- | --- | --- | --- |
| Year | MAJOR | GENERAL | No. of 1st Class |
| Appeared | Passed | Pass PC | Appeared | Passed | Pass PC |
| 2004 | 10 | 8 | 80 | 13 | 8 | 62 |  |
| 2005 | 6 | 5 | 83 | 9 | 3 | 33 | 2 |
| 2006 | 9 | 6 | 66 | 12 | 10 | 83 | 1 |
| 2007 | 4 | 2 | 50 | 7 | 4 | 57 |  |
| 2008 | 4 | 2 | 50 | 11 | 9 | 82 |  |
| 2009 | 2 | 1 | 50 | 4 | 3 | 75 |  |
| 2010 | 2 | 2 | 100 | 3 | 2 | 67 | 1 |
| 2011 | 1 | 1 | 100 | 3 | 2 | 67 |  |
| 2012 | 3 | 2 | 67 | 7 | 6 | 86 |  |
| 2013 | 7 | 5 | 71 | 2 | 2 | 100 | 2 |
| 2014 | 7 | 6 | 85 | 5 | 4 | 80 | 3 |
| 2015 | 5 | 3 | 60 | 2 | 2 | 100 | 2 |
| 2016 | 7 | 4 | 57 | 6 | 4 | 67 | 1 |
| 2017 | 17 | 11 | 65 | -- | -- | -- | 7 |
| 2018 | 24 | 12 | 50 | 8 | 4 | 50 | 3 |

 Comments: The percentage of successful students in final examination in Major as well as General course is more or less consistent .Since the introduction of Major course at U G level , the department has

 Produced 158 graduates with Major in Statistics out of which 33 have secured First Class.

10.Infrastructural facilities :

 ( a ) Library : Books – 98 Journals –05 Titles Periodicals ,souvenirs etc. :--09

 ( b) Computers :- 02 with internet access .

 ( c ) Laboratory equipments :-35 scientific calculators in working condition .

 ( d ) Class with ICT facility : The Dept. do not have its own digital class room but has access to common smart classroom of the college

11. Participation in Institutional Social Responsibility (ISR) and Extension activities :

i). Sri D. N. Adhikary - Secretary of BCEMAF Ltd. for 6 years,

ii) All faculty members participated in outreach programmes organised by Assam Science Society, Bajali branch in collaboration with extension education cell Bajali College.

iii) The students of final year have been conducting socio-economic surveys under the guidance of faculty members as part of their syllabus.

**12. LIST OF PROMINENT ALUMNI OF DEPT. OF STATISTICS, BAJALI COLLEGE, PATHSALA**.

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | NAME | PRESENT POSITION HELD | REMARKS |
| 1 | RAMKRISHNA SARMA | BANK OFFICER |  |
| 2 | GHANASHYAM KAKATI | SUBJECT TEACHER, KAYAKUCHI |  |
| 3 | JAMINI KAKATI | ASSOCIATE PROF ,BAPUJI COLLEGE |  |
| 4 | DIMBESWAR DEKA | ASSOCIATE PROF. BARAMA COLLEGE |  |
| 5 | DR.DIPUL TALUKDAR | ASST. PROF. B H B COLLEGE |  |
| 6 | PRANAB DAS  | ASST. PROF. MANGALDOI COLLEGE |  |
| 7 | KANDARPA DEKA | LECTURER, PRIVATE JR. COLLEGE |  |
| 8 | DR. NITYANANDA BARMAN | ASST. PROF. B N COLLEGE DHUBRI |  |
| 9 | DR. HEDAYETULLAH | ASST. PROF. B B K COLLEGE, JALAH |  |
| 10 | DINESH KALITA | ASST. PROF. TANGLA COLLEGE |  |
| 11 | BHASKAR KAKATI | ASST. PROF. B H B COLLEGE |  |
| 11 | HIRANMAYEE DEVI | ASST. PROF. RANGIA COLLEGE |  |
| 12 | BAPAN KALITA | LECTURER, PRIVATE JR. COLLEGE |  |
| 13 | DR. DHRUBA DAS | ASST.PROF. DIBRUGARH UNIVERSITY |  |

**35.** *SWOC analysis of the department and Future plans*:

 **Strength:**

1. Experienced and competent faculty.

2. Intensive coaching of students.

3. Regular monitoring of students progression through unit tests, home assignments, seminars, etc.

4. Remedial coaching of unsuccessful students.

5. Congenial teacher-student’s relationship.

6. Satisfactory placement of alumni.

7. Good results in university examination.

**Weakness:**

1. Insufficient class rooms and laboratories.

2. Lack of a departmental reading cum seminar room.

3. Non-availability of text books in vernacular medium.

4. Students entering into the programmes lack desired levels of knowledge of Mathematics & English.

5. Lack of computer lab in the department.

**Opportunity:**

 1.To make the programmes computer oriented.

2. Access to computers and internet facilities through the computer center of the college.

 3. Interdisciplinary counseling of statistical methodology.

 4. Enhancement of research activities through projects, surveys etc.

**Challenge:**

1. Shrinking job opportunities in the public sector.

2. A sizable number of good students leave during the first or second semester of the programmes to join other professional courses thus increasing the drop out number.

3. Growing reluctance of students with good mathematical background to enter in to the programmes.

4. Partial ability of the present curriculum to cope with the ever expanding scope of application.

5. Mushroom growth of private tutorial institutions.

**Future Plan:**

1. To establish a well equipped computer laboratory.

2. To maintain a database for the college.

3. To hold a seminar/workshop/ popular talk annually in the memory of Late Prof. S.N. Sarma, founder HOD, Statistics and in memory of Late Dhiraj Kumar Sarma, former Asst. Professor of the department

 4. To expedite research activities through minor & major research projects.

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