** Departmental Profile**

**Department of Mathematics & Statistics**

**West Guwahati Commerce College**

**Maligaon , Baripara , Guwahati -12**

**Phone: 913613514592**

**Email:wgcc1992@gmail.com**

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| **1.DEPARTMENTAL STATISTICS CRITERIA** | **DETAILS** |
| Name of Department | Mathematics & Statistics |
| Year of Establishment  | 1992 |
| Number of sanctioned post teachers | 01 |
| Number of vacant post of teachers  | Nil |
| Number of Whole Time teachers | 02 |
| Number of part time teachers | Nil |
| Routine Course Offered by the Department  | H.S and B.COM |
| Additional courses offered by the Department  | Nil |
| Number of students enrolled (2017-22) | 1519 |
| Number of Students passed (2017-22) | 1117 |
| Number of students securing first class in major  |  |
| Number of Research paper published in journals | 1 |
| Number of Research paper published in proceedings volume |  |
| Number of Authored Books | 1 |
| Number of Edited Books | Nil |
| Number of Chapter in edited books | Nil |
| Award and recognitions received by teaching staff | Nil |
| Number of teaching staff having PhD guardianship | Nil |
| Number of national conferences / Seminars/ SymposiaWork shop attend by teachers |  |
| Number of international conference/ seminars /symposia/ workshops attended by teachers  |  |
| Number of orientation programmes / Refresher courses Faculty development programmes attend  | 1 |
| Number of conference/ seminar /symposia/workshops organized by the department  |  |
| Number of other programmes organized by the Department |  |
| Number of field works/study tours conducted for students(June 2017 to May 2022) |  |
| Number of books in the departmental library  |  |
| Number of computers in the Department  | Nil |
| Printers available in the department  | Nil |

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**2. Introduction:-**

 West Guwahati Commerce College was established on 8th August 1992. In commerce education the two subject’s mathematics and statistics are included in one department as department of Business Mathematics and Statistics. This Department was also established at the time of the establishment of the college. 1992 since then Mr. Bhaba Nanda Dutta, the founder faculty of the department has been serving as Head of the Department till date.

 The Department of business mathematics and statistics teaches undergraduate and H.S level students with practical knowledge of mathematics and statistics so that they can use these practical knowledge for the up gradation of commerce education. The department also holds the credit of guiding the students to attain credit of guiding the students to attain 10 points marks (100 upon 100) in business mathematics in B.com semester Final Examination three times till date. The Department got cash award from college authority three times for the 10 points which was introduced in college for all departments.

 Besides the regular classes, the department take tutorial classes, class tests, personal guidance of the subjects to improve the overall performance of the students and hold interaction with them though group discussion quiz competition etc. Students always get difficulties in understanding the subject mathematics still the faculties of the department always tries to create a homely atmosphere and intimate relationship between teachers and students so that students can understand the subject matter.

 Presently following faculty members are serving in the department

1.Mr. Bhaba Nanda Dutta Msc (M) B.ed, MPhil , Assistant professor , HOD , Principal I/C & Secretary and DDO

2.Mr. Bijoy Kumar , Msc(M)

**Vision:-**

To make better quality of Human resource through hard work and self external quality evaluation proportion

**Mission:-**

The mission of the department is to provide contribution through the pursuit of excellence in teaching mathematics and statistics and other related innovative academic endeavours specially related to commerce education and research for developing capable and dynamic human resource and thereby to the intellectual, economic, social, vocational and cultural development of the nation in general and specially the north east India.

**3. Faculty Profile:-**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of faculty members** | **Designation Asstt Professor HOD** | **Highest Qualification**  | **Specialization**  | **Date of Birth**  | **Date of Joining**  | **Phone**  | **Email** |
| Bhaba Nanda Dutta | Asstt Professor HODPrincipal I/C & Secretary DDO | **B.E.D****M.PHIL** | **Applied Mathematics**  | **28-02-1967** | **20/08/1992** | **9435909924** | **bhabananda2017@gmail.com** |
| **Bijoy Kumar**  | **Asst Professor** | **MSC**  | **Applied Mathematics** | **08/12/1987** | **01/082013** | **8638367763** | **beejoykumar@gmail.com** |

**4. Faculties Induction Programme orientation programmes / Refresher course attended**

**During the period 2017-18, 2021-22**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of Faculty**  | **Programme** | **Dates** | **Organised By** |
| Bhabananda Dutta | Faculty Induction programme | 16th August to 17th September 2021 | UGC-SponsoredHRDC-Gauhati University , Ghy-14 |

**5. A. Participation in various events like conferences, seminar, symposia, workshop and short term course for the period 2017-2018 to 2021-2022.**

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| --- | --- | --- | --- | --- |
| **Name of event** | **Level (local, state/ national/international)** | **Dates**  | **Venue** | **Nature of participations (presented paper/ attended only)** |
| Department of commerce sponsored workshop on a paper setting and evaluation of answer scripts in commerce  | State | 18.11.2019 | Department of Commerce (GU) | Attended ( Bhaba Nanda Dutta) |
| AICTE sponsored short term training program on “Recent development in teaching and research”  | National | March 15th 2020 to 2021  | Girjananda Chodhury institute of management and technology Department of Business Administration Ghy-17 | Presented (Bhaba Nanda Dutta) |

**5.B** **Participation in Seminars/ Workshop/ Webinar conducted(2017-2022)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of the Seminars/ Workshop/ Webinar** | **Organised by** | **Name of co-ordination** | **Date****(Period)** | **Sponsorship** | **Nature Of Participation****Presented attended** |
| 1 | Stress management of students during COVID-19 pandemic  | Guwahati Commerce College with ALCOM  | Dr. Jayanta Talukdar  | 31-07-2020 | Guwahati Commerce College Alumini Association | Attended (Bhaba Nanda Dutta) |
| 2 | Awareness program on use of online E-resources | West Guwahati Commerce College and Dept. of Accountancy Dispur College with ACLA | Dipak Jain | 21-07-2020 | WGCC | Attended (Bhaba Nanda Dutta) |
| 3 | The impact of soft skills and E-learning on an individuals carrer an life | West Guwahati Commerce College | Naim Khan | 09-08-202011-08-2020 | Dewsoft | Attended (Bhaba Nanda Dutta) |
| 4 | Mentoring pedagogy in higher education | Student discipline and mentoring committee Pachim Guwahati Mahavidyalaya | Dr. Purabi Kalita | 11.08.2020 | Pachim Guwahati Mahavidyalaya | Attended (Bhaba Nanda Dutta) |
| 5 | Structure immune response, possible therapies and plan base in tervemtions  | Department of botany, pragjyotis college | Mr. Amit Kumar Pradhan | 16.08.2020 | Pragjyotis College | Attended (Bhaba Nanda Dutta) |
| 6 | Accounting as a dynamic profession | Guwahati Commerce College | Dr. Tora Mahanta | 17-08-20 | GCC | Attended (Bhaba Nanda Dutta) |
| 7 | Managing mental stress in current situation  | Dept of Education Moran college with ACLA | Dr. Purabi Kalita | 25-08-20 | Moran College | Attended (Bhaba Nanda Dutta) |
| 8 | Online teaching of accountancy subjects efficiently“ Workshop” on “Payroll Management”  | Indian accounting association pune branch (IAA) MBA, Sree Vidyaniketan institute of management tirupati 517102 | Dr Joice Swarnalatha .r | 24,25 26 th sept/20 | SVIM | Attended (Bhaba Nanda Dutta) |
| 9 | Enhancement of Quality education latest trends in national assessment and accreditation council (NAAC) | Internal quality assurance cell(IQAC) of Laxmi venkatesh desai college, Raichur  | Dr. Jayateertha N.S  | 5-10-20 | Laxmi Venkatesh desai college raichur | Attended (Bhaba Nanda Dutta) |
| 10 | “Role of teachers in quality enhancement and accreditation “ | IQAC | Dr. D.K Borse  | 08-10-20 | Mahatma Gandhi Vidyamandir Nashik | Attended (Bhaba Nanda Dutta) |
| 11 | “Intellectual property rights” “work Shop” | IQAC & Department of commerce, MGVN  | Dr. D.A. Paswan  | 12-10-20 | Do | Attended (Bhaba Nanda Dutta) |
| 12 | Career Opportunities in music  | Mahatma Gandhi Vidyamandir , Nasik IQAC & Department of music  | Dr. D.K. BORSE | 14-10-20 | Smt pushpataihiray arts, science and commerce mahavidyalaya | Attended (Bhaba Nanda Dutta) |
| 13 | How to use the platform – LINKEDIN Effectively | Department of Commerce, gargaon college, Shimlaguri Assam | Dr. Surojit Saikia | 25.10.2022 | Gargaon College | Attended (Bhaba Nanda Dutta) |
| 14 | “North East Education Conclave “ | Department of Education , Govt Of Assam | Dr. Rajesh Barman , Dept of Commerce , Bodoland University | Nov2020-2021 | Govt of Assam  | Attended (Bhaba Nanda Dutta) |

**6. Publication like research papers in Journal (UGC listed only) Authors book/ Edited Books/ Chapters in Edited books papers in conference proceedings workshop for the period 2016-17 to 2021-22**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of faculty member** | **Category (Journal/books/Edited books/chapter in edited books** | **Title of publication**  | **Source (Name of Journal books)** | **Year of publication** | **Page No.** | **Impact factor** | **ISBN No.** |
| Bhaba nanda Dutta  | Book  | Business mathematics  | Printing area | 2022 | 490 |  | 978-93-90942-74-9 |

**7. Miscellaneous publications (Other than listed above ) to be listed in chronological order) for the period 2017-2018 to 2021-22**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of Faculty member**  | **Category (Newspaper/ Magazine/ souvenirs etc)** | **Title of publication**  | **Source where publication**  | **Year of Publication** | **Page No** |
| Bijoy Kumar | Seminar | Cyber Security | Assam Administrative Staff College | 2019 | Nil |
| Bijoy Kumar | Organisation  | World health day | West Guwahati Commerce College | 2019 | Nil |
| Bijoy Kumar | Seminar | Cyber Security | Assam Administrative Staff College | 2019 | Nil |

8**. Award and recognitions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of Faculty Members** | **Name of Award** | **Name of awarding body**  | **Category (local/state/National/International** | **Date of Award** |
| Nil | Nil | Nil | Nil | Nil |

**9.Research project undertaken**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of Faculty Members** | **Nature of Project (Major/Minor)** | **Name of the funding Agency**  | **Duration**  | **Total Grant Sanctioned** |
| Nil | Nil | Nil | Nil | Nil |

**10. Students Profile**

**Profile in the following format**

|  |  |  |
| --- | --- | --- |
| **Class** | **Year of Admission** | **Number of Students enrolled** |
| B.com (Honours) | 2017-20182018-20192019-20202020-20212021-2022 | 331289266321312 | PassedTotal Passed=1519 |
| Higher Secondary | 2017-20182018-20192019-20202020-20212021-2022 | 3831242842 | PassedTotal Passed=130 |

**11. Detailed description of learning resources available in the department:**

Books:76

Journals / Magazines/ Periodicals:08

E-Resources (E-Books/PPT/Videos/Others): Nil

**12. Details of Departmental Activities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category of activities** | **Name Of Activities** | **Date of Activities**  | **Names of agencies involved**  | **Name of Students Involved**  |
| Capability of enhancement activities | Nil | Nil | Nil | Nil |
| Tutorial classes | Bcom1st/2ndSemB.com3rd/4thSemH.S 1st Year | 2017-20182018-20192021-20222021-2022 |  | 10Students per batch 10 Students per batch5 students per batch |
| Others (invited talks/seminar) | Nil | Nil |  | Nil |

**13. Plane of action of the department for the next five years (june-2022-may-2026)**

1) To Upgrade faculty members with latest trends and development in research so that faculties can guide the students in better way by latest methodology of maths& statistics.

2)To promote quality research , the department will undertake research projects for updradetion of local industries.

3) To create an academic environment for students so that students can learn more with sincerity, discipline and commitment.

**To achieve these goals, following objectives are identified to be achieved through perspective plan:-**

1)To launch value added and skills development programmes like computer , training program, tailoring

2) To inculcate learner centric and effective teaching learning process.

3) To ensure the credibility in the process of students evaluation

4) To uplift continuously good academic performance with 100% results

5) To perform guest lectures by inviting experienced faculty from other colleges who can guide students for better preparation for future examination.

 **Bhaba Nanda Dutta**

 **Head of the Department**

 **Mathematics &Statistics**

**West Guwahati Commerce College**

 **Maligaon Guwahati-12**