

Aliah University

Academic and Administrative Audit

Academic Year: 2018-2019

Department: Mathematics and Statistics



The Academic Audit process of Aliah University focuses on four key functional areas:

1. Academic Management
2. Academic Practices
3. Infrastructure and supportive facilities
4. Initiatives and Supplementation

Academic Management

Information about HOD/ HOD (Officiating)

1] Name: **Prof. Sk Monowar Hossein**

2] Designation: Professor

3] Qualification: M.Sc., Ph.D.

4] Teaching experience (in years): 19 years

5] Industry experience (if any in years): Nil

6] Number of teaching hours per week: 14

7] Number of Research Projects/Publications/Study material developed during The academic year (provide list in separate sheet):

8] Contribution to enrich quality of teaching-learning during the academic year: (Seminars / Workshops / lectures / field visits organized): Nil

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
Departmental Committee	Chairperson	Organised several meetings with faculty members for smooth running of the departments
Board of Studies	Chairperson	
DRC, Maths & Stats	Chairman	Conducted meetings and suggested means and ways to smooth functioning of the same.

10] Other responsibilities (Please specify, add rows if required):

1	Controller of Examinations, Aliah University
2	

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

1	
2	

Information about Teaching Members (to be filled by individual Teaching member)

Prof Babulal Seal

1] Name: **Babulal Seal**

2] Designation: Professor

3] Qualification: M. Stat., Ph.D.

4] Teaching experience (in years): 30 years

5] Industry experience (if any in years): NIL

6] Number of teaching hours per week: 12

7] Number of Research Projects/Publications/
Study material developed during the academic
year (provide list in separate sheet):

The academic year (provide list in separate sheet): **1**

- i. P. Hor, and B. Seal; SAVE: Robust or not?, Communications in Statistics - Simulation and Computation, 48(10), 2855-2865, 2019.

8] Contribution to enrich quality of teaching-learning during the academic year:
(Seminars / Workshops / lectures / field visits organized):

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
Departmental Committee	Member	Various activities as per need and as directed by Head of the Department.
Board of Studies	Member	Preparing syllabus and various responsibilities regarding curriculum, examination etc.
Departmental Research Committee	Member	As per need of the department

10] Other responsibilities (Please specify, add rows if required):

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11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Prof. Nurul Huda Gazi

1] Name: Dr. Nurul Huda Gazi

2] Designation: Professor

3] Qualification: M.Sc., M.Tech., Ph.D.

4] Teaching experience (in years): 17

5] Industry experience (if any in years): Nil

6] Number of teaching hours per week: 16

7] Number of Research Projects/Publications/Study material developed during The academic year (provide list in separate sheet): 04

- i. N.H. Gazi, M.R. Mandal and S. Sarwardi, Study of a predator-prey system with Monod-Haldane functional response and harvesting, Discontinuity, Nonlinearity, and Complexity (Accepted), 2018
- ii. K. Das, M.N. Srinivas, N. H. Gazi, S. Pinelas, Stability of the Zero Solution of Nonlinear Tumor Growth Cancer Model under the Influence of White Noise, International Journal of Systems Applications, Engineering & Development, Volume 12, 2018
- iii. K.Das, NH Gazi, Nonlinear dynamics of expression of BMAL1: a mathematical study, Nonlinear Studies, 25(1), 223-240, 2018.
- iv. M.R. Mandal, **N.H. Gazi**, Study of a detritus-based ecosystem model for generalized functional responses, International Journal of Mathematics Trends and Technology, 55(4), 2018.

8] Contribution to enrich quality of teaching-learning during the academic year: (Seminars / Workshops / lectures / field visits organized): Nil

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
University Research Programmes	Coordinator	(i) Prepared PhD Advertisement for Admission of PhD students in all the 23 Departments of the University. (ii) Done Every stage of the Selection of the applicant till the admission of the selected applicants in the PhD Programmes (iii) Looked after all other stages of the PhD students of the university starting from Enrolment to the Issue of the Provisional Certificate.
Departmental Research Committee	Member	Attended several meetings for PhD programme in the Department
BOS	Member	Framed Syllabus of Core Courses, Discipline-Specific Courses for (i) UG Programmes

Academic Council	Member	(ii) PG Programmes (iii) Doctoral Programme Attended several meetings and taken leading part in issues of Academic matters
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10] Other responsibilities (Please specify, add rows if required):

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11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Dr. Joydeep Sengupta

1] Name: JOYDEEP SENGUPTA

2] Designation: Associate Professor

3] Qualification: M.Sc. (KU), Ph.D. (KU)

4] Teaching experience (in years): UG: 16 years, PG: 12 years

5] Industry experience (if any in years): Nil

6] Number of teaching hours per week: 16

7] Number of Research Projects/ Publications/ Study material developed during The academic year (provide list in separate sheet): Nil

8] Contribution to enrich quality of teaching-learning during the academic year: (Seminars/Workshops/lectures/field visits organized): Two

- i. Delivered a lecture on invitation at International Conference on recent Trends in Mathematical Sciences, 2018 held at Department of Mathematics, Maharaja Bir Bikram University, Tripura (24th and 25th March, 2018). Title of the Talk: On Rectifying Curves. Also chaired a session of presentation of papers.
- ii. Delivered lectures at Mini Mathematics Training and Talent Search Programme held at Department of Mathematics, Ramakrishna Mission Vivekananda Centenary College, Rahara from 24th to 29th December, 2018.

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
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Departmental Committee, Department of Mathematics, AU	Member	Attended all meetings and performed all assigned duties.
Undergraduate Board of Studies in Mathematics, AU	Member	Attended all meetings and performed all assigned duties.
Postgraduate Board of Studies in Mathematics, AU	Member	Attended all meetings and performed all assigned duties.
Undergraduate Board of Studies in Statistics, AU	Member	Attended all meetings and performed all assigned duties.
Postgraduate Board of Studies in Statistics, AU	Member	Attended all meetings and performed all assigned duties.
Board of Research Studies in Mathematics, AU	Member	Attended all meetings and performed all assigned duties.
Head	Departme nt of Mathemat ics	

10] Other responsibilities (Please specify, add rows if required):

1	Chairman, Signage Committee, New Town Campus, AU
2	Member, Anti-ragging Squad
3	Member, Screening Committee, Recruitment of Several Non-teaching Posts

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Dr. Sk. Md. Abu Nayeem

1] Name: Sk. Md. Abu Nayeem

2] Designation: Associate Professor

3] Qualification: M.Sc., Ph.D.

4] Teaching experience (in years): 13 Years

5] Industry experience (if any in years): Nil

6] Number of teaching hours per week: 16 Hours

7] Number of Research Projects/Publications/
Study material developed during
The academic year (provide list in separate sheet): Nil

8] Contribution to enrich quality of teaching-learning





during the academic year: Nil

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
Departmental Committee	Member	Attended different meetings and acted upon those for smooth running of the department.
BoS of the Department	Member	Attended meetings of the BoS to frame UG and PG syllabi and on other issues
AUAT (2019)	Chairman	Conducted AUAT – 2019 for admission to 42 UG and PG programmes

10] Other responsibilities (Please specify, add rows if required):

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2	

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Dr. Sumana Pal

1] Name: **Sumana Pal**

2] Designation: Associate Professor

3] Qualification: M. Sc., Ph.D.

4] Teaching experience (in years): 19 years

5] Industry experience (if any in years): NIL

6] Number of teaching hours per week: 16

7] Number of Research Projects/Publications/ Study material developed during the academic year (provide list in separate sheet):

The academic year (provide list in separate sheet): 1

- i. Fixed points of operators satisfying various contractive conditions in complete partial metric spaces.
AP Baisnab, P Das, S Pal, Fixed Point Theory 20 (2), 451-468

8] Contribution to enrich quality of teaching-learning during the academic year:
(Seminars / Workshops / lectures / field visits organized):



9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
Departmental Committee	Member	Various activities as per need and as directed by Head of the Department.
Departmental Research Committee	Member	Various activities as per need and as directed by Head of the Department.
Board of Studies	Convenor	Preparing syllabus and various responsibilities regarding curriculum, examination etc.

10] Other responsibilities (Please specify, add rows if required):

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11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

Dr. Sadek Hossain Mallik

1] Name: Sadek Hossain Mallik

2] Designation: Assistant Professor

3] Qualification: Ph. D (Sc.)

4] Teaching experience (in years): 13 Yrs

5] Industry experience (if any in years): NIL

6] Number of teaching hours per week: 14 Hrs

7] Number of Research Projects/Publications/Study material developed during The academic year (provide list in separate sheet): 2

- i. **Sadek Hossain Mallik**, Md Abul Kashim Molla and Nasiruddin Mondal, Time-Fractional Two-Temperature Generalized Thermoelasticity With Energy Dissipation For An Infinite Solid With Varying Heat Sources, **Bulletin of Calcutta Mathematical Society**, 110(5), 419-440, 2018.
- ii. Md Abul Kashim Molla, Nasiruddin Mondal and **Sadek Hossain Mallik**, Effects of Fractional and Two-Temperature Parameters on Stress Distributions for an Unbounded Generalized Thermoelastic Medium with Spherical Cavity, **Arab Journal of Basic and Applied Sciences**, 26(1), 302-310, 2019.

8] Contribution to enrich quality of teaching-learning during the academic year:

(Seminars / Workshops / lectures / field visits organized): NIL

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9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
Departmental Purchase Committee	Convenor	Convened several meetings to initiate and execute purchase process for different items for the Department
Computer Purchase Committee	Member	Attended several meetings for preparing various tender documents for the purchase of different items for different Academic and Administrative Departments of the University
DRC	Member	Attended several meetings on the process of awarding PhD degree
DC	Member	Attended several meetings organised by HOD for smooth running of the Department
BOS	Member	(i) Attended several meetings for framing PG CBCS syllabus (ii) Courses designed and revised

10] Other responsibilities (Please specify, add rows if required):

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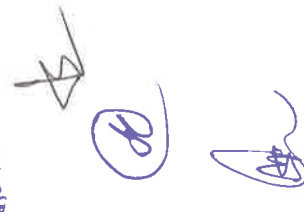
11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Dr. Sahabuddin Sarwardi

- 1] Name: **Dr. Sahabuddin Sarwardi**
- 2] Designation: Assistant Professor
- 3] Qualification: Ph.D.
- 4] Teaching experience (in years): 10 Years
- 5] Industry experience (if any in years): N.A.
- 6] Number of teaching hours per week: 16 Hours
- 7] Number of Research Projects/Publications/
Study material developed during

Dr. Sahabuddin Sarwardi



The academic year (provide list in separate sheet): 3

- i. A. Shaikh, H. K. Das, S. Sarwardi*. "Dynamics of an eco-epidemiological system with disease in competitive prey species", **Journal of Applied Mathematics and Computing, Spinger. (2019): 62, 525–545.**
- ii. Md. Manarul Haque, Sahabuddin Sarwardi* (2018). "Dynamics of a harvested prey-predator model with prey refuge depended on both species" published in **Int. J. of Bifurcation and Chaos (IJBC)**, Vol. 28(12) (2018) 1830040.
- iii. Hafizul Molla, Md. Sabiar Rahman, Sahabuddin Sarwardi* (2018). Dynamics of a Predator–Prey Model with Holling Type II Functional Response Incorporating a Prey Refuge Depending on Both the Species. *International Journal of Nonlinear Sciences and Numerical Simulation (DeGruyter)*. vol. 20, no. 1, 2019, pp. 89-104.

8] Contribution to enrich quality of teaching-learning during the academic year:

(Seminars / Workshops / lectures / field visits organized): 1

- i. Organized the National Seminar on Mathematical Modeling and its Applications in Natural and Engineering Sciences. (NSMMANES-2019), held on 25th March, 2019. Role: Jt. Convenor.

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
Departmental Committee	Member	As per requirement
Departmental Research Committee	Member	As per requirement
Board of Studies, Department of Mathematics and Statistics	Member	As per requirement
Training and Placement Committee	Member	Career Counselling, Providing Training for Soft Skill Development, English Communication and Subject Knowledge Enhancement. Arranging on and off campus drive etc.
MatLab Committee	Member	Procurement of MatLab Software for the Science and Engineering Departments

10] Other responsibilities (Please specify, add rows if required):

1	Departmental Coordinator for the purchase of Books and Journal
2	Member Departmental Purchase Committee

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Dr. Imrul Kaish

- 1] Name: Imrul Kaish
- 2] Designation: Assistant Professor
- 3] Qualification: M.Sc., Ph.D.
- 4] Teaching experience (in years): 9 years
- 5] Industry experience (if any in years): Nil
- 6] Number of teaching hours per week: 16
- 7] Number of Research Projects/Publications/
Study material developed during
The academic year (provide list in separate sheet): 0
- 8] Contribution to enrich quality of teaching-learning
during the academic year:
(Seminars / Workshops / lectures / field visits organized):
- i. Organized a seminar named NSMMANES-2019, (25-03-2019) (Treasurer)
 - ii. UGC sponsored Refresher Course in Mathematics, University of North Bengal. (01-08-2019 to 14-08-2019)
- 9] Contribution to the growth and development of the
University during the academic year:

BOS	Member	Participated several meetings for forming CBCS UG and PG syllabus.
DRC, Math and Stat	Member	Participated several meetings and performed PhD, degree related activities
DC	Member	Attended several meetings organised by HOD for smooth running of the Department

- 10] Other responsibilities (Please specify, add rows if required):

1	Formed Departmental Time Table
2	Conducted Semester Examination

- 11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required): NIL

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Dr. Sajjad Hossain

- 1] Name: **Sajjad Hossain**
- 2] Designation: Assistant Professor
- 3] Qualification: M. Sc.



4] Teaching experience (in years): 6 Years

5] Industry experience (if any in years): N.A.

6] Number of teaching hours per week: 16 Hours

7] Number of Research Projects/Publications/
Study material developed during
The academic year (provide list in separate sheet):

8] Contribution to enrich quality of teaching-learning
during the academic year:
(Seminars / Workshops / lectures / field visits organized):

9] Contribution to the growth and development of the
University during the academic year:

Committee	Position held	Work done/ Activity
Departmental Committee	Member	As per requirement
Board of Studies, Department of Mathematics and Statistics	Member	As per requirement

10] Other responsibilities (Please specify, add rows if required):

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11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Biman Chakraborty

1] Name: **Biman Chakraborty**

2] Designation: **Assistant Professor**

3] Qualification: **M. Sc.**

4] Teaching experience (in years): **3 years**

5] Industry experience (if any in years): **NIL**

6] Number of teaching hours per week: **16**

7] Number of Research Projects/Publications/
Study material developed during the academic
year (provide list in separate sheet):
The academic year (provide list in separate sheet): **0**

8] Contribution to enrich quality of teaching-learning
during the academic year:
(Seminars / Workshops / lectures / field visits organized):

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- i. **Orientation Program:** Participated in Faculty Induction Program organized by Central University of Punjab, Bathinda from 4th June to 3rd July 2019.
- ii. **Invited Talk:** National Workshop on Statistical Data Analysis in Multidisciplinary Research --- Learning through software, August 28, 2018, organized by Dept. of Statistics, Viswa-Bharati University, Topic: Introduction to R
- iii. **Paper Presented:** 6th India Biodiversity Meet 2019 (International Conference), 14th -16th February 2019, Organized by Indian Statistical Institute, Kolkata, Topic: Characterization of Growth Curves through a New Growth Rate Measure Based on Relative Growth Rate
- iv. **Invited Talk:** Statistical Methods & R Programming (SMRP2019), April 24 & 25, 2019 organized by Dept. of Mathematics, Adamas University, Topic: Statistical Methodologies using R

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
National Academic Depository Cell	Convenor	Uploading Academic Certificates of the Students
Departmental Committee	Member	Various activities as per need and as directed by Head of the Department.
Board of Studies	Member	Preparing syllabus and various responsibilities regarding curriculum, examination etc.

10] Other responsibilities (Please specify, add rows if required):

1	Acted as an External Examiner of Statistics paper-STATGE-101 held on 03.12.2018 at Midnapore College
2	Acted as an External Examiner B.Sc. (Sem-I) (Hons) Practical Examination held 27.11.2018 & 29.11.2018 at Moulana Azad College, Kolkata

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

1	Student friendly behaviour for Teaching learning and other issues faced by the students.
2	Motivate students for thinking, self-learning, problem solving etc.

Dr. Moumita Chatterjee

- 1] Name: Moumita Chatterjee
- 2] Designation: Assistant Professor
- 3] Qualification: PhD in Statistics
- 4] Teaching experience (in years): 3 years
- 5] Industry experience (if any in years): 0 year
- 6] Number of teaching hours per week: 16 hours





7] Number of Research Projects/Publications/
Study material developed during
The academic year (provide list in separate sheet): 2

- i. **Moumita Chatterjee** and Sugata Sen Roy (2018). A copula-based approach for estimating the survival functions of two alternating recurrent events, *Journal of statistical Computation and Simulation*, Vol. 88, Issue 16, pp. 3098 – 3115.
- ii. Have obtained an international grant from **NAFOSTED** (National Foundation for Science and Technology Development), Ministry of Science and Technology, Government of Vietnam for the period of 2018 - 2022.

8] Contribution to enrich quality of teaching-learning
during the academic year:
(Seminars / Workshops / lectures / field visits organized):

- i. Delivered a lecture on “Survival Analysis” in the **Department of Statistics, Tribhuvan University, Nepal**, on 23rd November, 2018.
- ii. Conducted a workshop for the Post Graduate medical students at **Kathmandu University School of Medical Sciences, Dhulikhel, Nepal** from 18th November to 22nd November, 2018.
- iii. Presented a paper in the “Tenth International Triennial Calcutta Symposium”, on December 27-30, 2018, jointly organized by Calcutta Statistical Association and **University of Calcutta**.
- iv. Conducted a workshop on “An Introduction to R” for the Post Graduate and Research students at Department of Economics, **Jadavpur University**.

9] Contribution to the growth and development of the
University during the academic year:

Committee	Position held	Work done/ Activity
Examination Committee	Member	Overall supervision of all the examinations of Aliah University
Examination Committee, Department of Mathematics and Statistics	Co Ordinator	To conduct the day-to-day examinations

10] Other responsibilities (Please specify, add rows if required):

1	Have prepared several questions and checked answer scripts for St. Xavier's College, KNU, BU, KU, and Midnapore College and acted as an external examiner at University of Calcutta and St. Xavier's College
2	

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Dr. Hare Krishna Maity





- 1] Name: Hare Krishna Maity
 2] Designation: Assistant Professor
 3] Qualification: Ph.D.
 4] Teaching experience (in years): 2.5
 5] Industry experience (if any in years): 0
 6] Number of teaching hours per week: 16
 7] Number of Research Projects/Publications/
 Study material developed during
 The academic year (provide list in separate sheet): NA
 8] Contribution to enrich quality of teaching-learning
 during the academic year:
 (Seminars / Workshops / lectures / field visits organized): 1

i. **Orientation Program:** Participated in Faculty Induction Program organized by Central University of Punjab, Bathinda from 4th June to 3rd July 2019.

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
Placement Committee	Member	Works with Placement team
Organising Committee MTUSS2018	Member	Worked with the team
NAD Cell, AU	Member	Works with the team
Sports Committee	Member	Worked with the team
BOS, Dept. of Math & Stat	Member	Attended meetings and executed different decisions.

10] Other responsibilities (Please specify, add rows if required):

1	
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11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Debashis Samanta

- 1] Name: **Debashis Samanta**
 2] Designation: **Assistant Professor**
 3] Qualification: **M.Sc.**
 4] Teaching experience (in years): **5 years**

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5] Industry experience (if any in years): **3 years**

6] Number of teaching hours per week: **16 hours**

7] Number of Research Projects/Publications/
Study material developed during
The academic year (provide list in separate sheet): 2

- i. **Debashis Samanta**, Arindam Gupta and Debasis Kundu, "Analysis of Weibull step-stress model in presence of competing risks , " **IEEE Transactions on Reliability**, vol. 68, no. 2, 420 - 438, 2019.
- ii. **Debashis Samanta** and Debasis Kundu " Order restricted inference of a multiple step-stress model " **Computational Statistics and Data Analysis**, vol. 117, 62 -- 75, 2018.

8] Contribution to enrich quality of teaching-learning during the academic year:
(Seminars / Workshops / lectures / field visits organized):

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
Departmental Committee, Department of Mathematics and Statistics	Member	As per necessity
Board of Studies, Department of Mathematics and Statistics	Member	As per necessity

10] Other responsibilities (Please specify, add rows if required):

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11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Sultan Parveen

- 1] Name: **Sultan Parveen**
- 2] Designation: **Assistant Professor**
- 3] Qualification: **M.Sc. (Statistics), Ph.D (pursuing in Statistics)**
- 4] Teaching experience (in years): **2 years**
- 5] Industry experience (if any in years): **NIL**
- 6] Number of teaching hours per week: **20**
- 7] Number of Research Projects/Publications/
Study material developed during the academic year (provide list in separate sheet):

The academic year (provide list in separate sheet):

8] Contribution to enrich quality of teaching-learning during the academic year:

(Seminars / Workshops / lectures / field visits organized):

S.No.	Lecture/Paper Presented	Title of Lecture/Paper Presented	Year	Institute	Conference /Seminar/ Workshop	Date
1.	Paper Presented	Efficiency Function For Progressive Type-I Interval Censored Sample From Generalised Rayleigh Distribution Using Shannon Entropy	2018-19	Rajarshi Tondan Open University Allahabad India	International	30/04/2019

Orientation Program: Participated in Faculty Induction Program organized by Central University of Punjab, Bathinda from 4th June to 3rd July 2019.

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
BoS	Member	Attended several meetings: I. for framing PG CBCS syllabus II. Courses designed and revised
Departmental Committee	Member	Performed activities as per the need of the department

10] Other responsibilities (Please specify, add rows if required):

- ✓ Appointed as paper setter for B.Sc. Part III Examination 2018-19 for paper V Statistics.

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

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Academic Practices

Academic Practices (for the academic year: 2018-19)

- 1] Total number of teaching-days in the academic year: 182
- 2] Total number of permanent teaching staff: 15
- 3] Total number of permanent teaching staff with PhD: 11
- 4] Number of programmes offered (please specify): 06
- Doctor of Philosophy (Ph.D.) in Mathematics
 - Doctor of Philosophy (Ph.D.) in Statistics
 - 2 years M.Sc. in Mathematics
 - 2 years M.Sc. in Statistics
 - B.Sc. Honours in Mathematics
 - B.Sc. Honours in Statistics

5] Number of sanctioned intake of students and
Number of actual admissions:

Intake: 240, Admission: 99

Program	Intake	Admission
M.Sc. in Mathematics (2 yrs)	60	36
M.Sc. in Statistics (2 yrs)	60	6
B.Sc. (Hons) in Mathematics	60	55
B.Sc. (Hons) in Statistics	60	2

Doctor in Philosophy (Ph.D.) -as per number of faculty members

6] How many teaching members have attended
Orientation Programme/ Refresher Course/ FDP/ Workshop/
Training Programme/ Research Methodology Course/
Capacity Building Programme etc.:

7

7] Number of Orientation Programme/ Refresher Course/ FDP/
Workshop/ Training Programme/ Research Methodology Course/
Capacity Building Programme etc. organised by the department:

1

8] Number of Training Programme/ Consultancy offered
By the department:

NIL

9] Number of academic collaborations made by the department:

NIL

10] Innovative practices (please specify):

Teaching-Learning-Evaluation process (for the academic year: 2018-19)

1] Does teaching members participate in course designing?

Yes

2] Does the department have a structured Board of Studies or

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similar academic body to design/ expand/ modify course content?	Yes
3] Does the programme follow:	
a. CBCS structure	No
b. Elective-based structure	Yes
c. Any other, please specify	
4] Does the department follow Academic Calendar implemented By the University?	Yes
5] Use of Teaching-Learning tools/ platforms (Please specify)	
a. OHP	Yes
b. LCD	No
c. Interactive Boards	No
d. LMS	No
e. Any other	Board-chalk/marker pen
6] Use of ICT in Teaching-Learning-Evaluation	
a. e-books	Yes
b. e-journals	Yes
c. research database/ repositories	No
d. IT enabled classroom	No
e. Online assignment	No
f. Online assessment	No
g. Online feedback	No
7] Weekly class hour per course (average): (Weekly 4 hours per 4 credit theory and weekly 6 hours per 4 credit practical course)	24 hours
8] Whether remedial/ tutorial classes included in class routine?	Yes
9] Does the programme offered has scope of Internship/ Project/ Field work/ Seminar presentation/ Industrial training?	Yes
10] Does the department follow progressive evaluation of students?	Yes
11] Number of students appeared and passed in the academic year:	Appeared: 58 Passed: 58

Research output (for the academic year: 2018-19)

1] Does the department offer MPhil/ PhD/ Post-Doctoral Programme: (Please specify):	Yes
2] Number of students/ scholars registered/ enrolled in MPhil/ PhD/ Post-Doctoral Programme (If the answer to Q1 is yes):	4
3] Number of publications in refereed & peer-reviewed journals:	14
4] Number of book/ edited-volume/ book-chapter published with ISBN:	NIL
5] Number of patents registered:	NIL
6] Number of revenue generating events (Consultancy, Training Programme, MDP/ EDP etc.):	NIL

- 7] Number of Seminar/ Conference/ Workshop/ FDP etc organised at State/ National/ International level: NIL
- 8] Number of sponsored research projects:
 a. Completed NIL
 b. Ongoing 1
- 9] Number of collaborative research projects:
 a. Completed NIL
 b. Ongoing
- 10] Any innovative research initiative adopted and implemented (please specify):

Infrastructure & facilities (departmental level)

- 1] Number of classrooms: 16
- 2] Number of ICT-enabled classrooms: 1
- 3] Number of laboratories: 4
- 4] Availability of licensed software/ databases: NIL
- 5] Number of tutorial rooms:
- 6] Number of seminar halls:
- 7] Number of rooms for the teaching members: 6
- 8] Number of computer/ printer/ scanner available:
 a. In laboratory: 90
 b. In teachers' enclosure: Computer-30, Printer-15
 c. For Research scholars: 20
 d. For Administrative purpose: Computer: 5, Printer-2, Scanner-2
- 9] Whether Internet facility available in classrooms/ laboratory / teachers' enclosure? Yes
- 10] Whether reprographic facility available? No
- 11] Number of washroom facility (for male): 6
- 12] Number of washroom facility (for female): 6
- 13] Presence of appropriate signage: Yes
- 14] Barrier free environment ensured? Yes

Initiatives and Supplementation for Students:

- 1] Whether Mentorship (Teacher-driven) for students is in place? Yes
- 2] Do the students participate in extra-academic activities and pursue Co-curricular activities? Yes
- 3] Does the department arrange Industry-visit/ Industrial lecture/ Field-trips/ Excursions/ Archeological trips/ Exhibitions etc. for students? Yes

4] Does the department arrange seminars/ workshops/ skill-development programmes etc. for students?

5] Does the department arrange programmes for the students focusing Soft-skill and Personality development?

Organized by AU

6] Does the department have any Student Forum/ Club/ Chapter etc.?

No

7] Does the department have a students' feedback mechanism in place?

8] Are the students provided with Training and Placement support?

Yes, University placement cell

9] Do the students receive ICT-based teaching?

Yes

10] Can the students access digital resources offered by the University library?

Yes

11] Please indicate the number of students those have qualified for NET/SET/GATE/GMAT/SLET/WBCS/UPSC or any other Competitive Exam (for the specific period): 5

12] Please indicate the number of students those have progressed for higher studies (for the specific period):

13] Please indicate the number of students those were offered placements by the University (for the specific period):.

the majority