



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		THE UNIVERSITY OF BURDWAN
Name of the head of the Institution		Professor Nimai Chandra Saha
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		03422634900
Mobile no.		9051342474
Registered Email		naac@buruniv.ac.in
Alternate Email		iqac@buruniv.ac.in
Address		Rajbati, Uttar Phatak, B.C. Road
City/Town		Burdwan
State/UT		West Bengal
Pincode		713104
2. Institutional Status		

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Professor Sourangshu Mukhopadhyay
Phone no/Alternate Phone no.	03422054292
Mobile no.	9434160599
Registered Email	naac@buruniv.ac.in
Alternate Email	iqac@buruniv.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.buruniv.ac.in/AQAR/20182019_AQAR_REPORT.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.buruniv.ac.in/Notices/IC_20190947_NOT_WEBPAGE.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
3	A	3.11	2016	05-Nov-2016	04-Nov-2021
2	B++	80.5	2007	31-Mar-2007	30-Mar-2012
1	Four Star	72.5	2001	22-Mar-2001	21-Mar-2006

6. Date of Establishment of IQAC

11-Aug-2005

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Workshop on Preparation of SSR for NAAC Accreditation	17-Mar-2020 1	76
Workshop on SSR Preparation for Colleges	12-Feb-2020 1	55
Discussion on NAAC Assessment and Interaction; Discussion on NIRF	17-Sep-2019 1	180
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Physics	FIST LEVELIII	DST	2019 1825	37400000
Department of Physics	CAS-II	UGC	2018 1825	29540000
Department of Economics	DRS II/ SAP III	UGC	2015 1825	9750000
Department of Bengali	CAS LEVEL-III	UGC	2015 1925	7200000
Department of Environmental Science	FIST	DST	2016 1825	11400000
Department of Chemistry	CAS LEVEL-II	UGC	2016 1825	23000000
The University of Burdwan	PURSE Phase-II	DST	2017 1460	71000000
Department of Mathematics	FIST Level-II	DST	2018 1825	5400000
Department of Botany	FIST	DST	2019 1825	8000000
Department of Physics	MODROBS-RURAL	AICTE	2020 720	1768000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

11

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1) IQAC has taken initiatives to introduce eight new departments (08) in some important multidisciplinary areas relevant to modern education system. The proposed departments are Psychology, Physiology, Public Health & Nutrition, Women Studies, Electronics & Communication, Molecular Biology & Human Genetics, Geospatial Science & Physical Education. IQAC has also proposed for approaching the Govt. of West Bengal for granting sufficient number of posts for each department. Members of IQAC suggested the proposal for introduction of M.Phil Course of Studies in the Department of Sociology may be initiated. Proposal of admission of one year P. G. Diploma in Yoga may be considered during the Session: 2019-20. IQAC has also taken necessary initiative to implement the C.B.C.S syllabus of LLM w.e.f. academic session 2019-21. 2) IQAC in its meeting proposed to update the present status of National Academic Depository, and suggested some course of action: a. Students Academic Credential Data (Marksheet in PDF format and Certificate in Excel format only) be available at the National Academic Depository, the University of Burdwan by the competent authority after convocation for "Final Certificate". b. Students Academic Credential Data (Marksheet in PDF format and Certificate in Excel format only) be available at the National Academic Depository, the University of Burdwan by the competent authority after publication of Result /Review Result for "Provisional Certificate". c. Purchase of one additional Digital Signature Certificate required for verify the Student Data. d. Two Checker ID be created at UGC NAD Server by ADMIN of NAD Cell, BU, one for Registration Section, Registrar Department and another one for CE's Department for student verification, whether the students registered or not as well as students data correct or not. e. NAD registration should be mandatory before the enrolment of second Semester Examinations or Part - II Examinations and onwards for future student's interest be adopted by the University Authority. f. Students' awareness programme for National Academic Depository be conducted by the NAD Cell, BU at University level and at College level. g. IAQC has prepared the Academic Calendar for General Degree Colleges affiliated to this University as well as University for the academic session 2019-20. 3. Members of IQAC proposed to create three Data Management Cell to be headed by Director, Internal Quality Assurance Cell 4. Considering the present day need members of IQAC proposed for strengthening the Animal Ethical Committee based on the CPCSEA communication and a Radiation Safety Committee for looking after the nuclear and electronic wastage of the university. 5. Proposal of organizing an SWAYAM awareness workshop may be considered as early as possible. Further, members of IQAC proposed for organizing seminar during Celebration of Birth Anniversary of Pandit Ishwar Chandra Vidyasagar and Birth Anniversary of Mahatma Gandhi.

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Preparation and uploading of AQAR data for three years	AQAR Reports prepared and successfully uploaded
Data Management Cells to be formed	Three Data Management Cells have been formed and started functioning successfully
NIRF	NIRF data was compiled and uploaded in the portal and the University ranked Ninety Second position in University Category
Plan of action for resource requirement of Physical Education Department	Seven new teaching posts and three non teaching posts were sanctioned and created
Restructuring the course curriculum of PG Diploma in Yoga	Successfully restructured the course curriculum as per UGC guidelines
To implement the C.B.C.S syllabus of LLM from the current academic year	Implemented
To initiate the feedback mechanism for students, guardians and alumni	Implemented by most departments
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
The Executive Council	18-Mar-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

24-Dec-2020

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

04-Jun-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules

University is following the partial

currently operational (maximum 500 words)

implementation of MIS in the field of Planning, Development Administration. Pay slip, IT form generation, PF statement, Mediclaim eCard, e-filing of income tax. are fully under MIS. Student admission process under fully under MIS. Examination system is partially under MIS. Student registration is under fully MIS.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
Nil	NA	NA	Nil
View File			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MSc	Chemistry	Nil	MCHEM0418: Physical Term Paper/Project	12/04/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NA	Nil
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	NA	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Post Graduate Diploma in Yoga	11/09/2019	50
Certificate Course in Yoga (Off Campus)	02/07/2019	64
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1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MBA	Human Resource	25
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	No
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<p>The university has taken a planned approach in obtaining a structured feedback from the students. In this exercise, the process is centrally administered wherein before the administration of the questionnaire, it has been appropriately designed with active involvement of the in-house expertise of all concerned authority and hence it has been appropriately validated. Effort has been taken in maintaining strict confidentiality and to reduce the perceived bias in the responses. The feedback has been analysed by the central administration of the university and the concomitant interventions have been identified. Moreover, in some departments, feedback from students is appropriately utilized wherever possible in offering the major electives and minor electives as part of the choice-based credit system of course curriculum. Since the university has a student-supportive and student-centric culture, the feedback from students (as practised in earlier times informally, department-wise) is also used in identifying infrastructural development, purchase of library books, etc. Based on the continuous interaction with the students, the departments consider the feedback in teaching pedagogy and curriculum design and development. While, there is no organization-wide and structured approach to obtain feedback from other stakeholders (at present), the departments interact with the alumni, employers (in relevant departments), parents etc., and obtain feedback which is analyzed and utilized for overall development of the university.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BEd	Education	50	278	40
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG
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	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2019	185	3732	Nil	212	15

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
227	227	197	55	23	122

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Students mentoring system is available in the institution in view of the prevalence of a student-supportive environment of the university. In each department there is a practice of assigning project work, dissertation in the relevant subjects, tutorial classes which are allotted in the routine. Group-wise mentoring of students is done by identifying both the slow and advanced learners based on class performance. The following steps are taken to support the specific group of students as part of the mentoring exercise: • Academic support by way of conducting remedial classes for weaker students • NET/SET coaching classes • Counselling for foreign students • SC/ST/OBC Cell is working to support the weaker economic section of the students • Departments impart improved qualitative and interactive knowledge to the students by arranging invited lectures by external experts in different fields, participatory workshops, seminars, and laboratory/field based project works. Moreover, Students are getting the following types of support services as available in the University: • Training programmes in leading research institutions, industrial houses • Interested students are also motivated to pursue a variety of co-curricular activities such as NSS, outdoor games, recitation/singing competitions, drama, entrepreneurship etc. • Students are also exposed to a number of social benefit programmes • Attending the workshops organized by the departments

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3917	227	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
316	218	98	9	202

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Professor Ramen Kumar Sar	Professor	Panchanan Mondal Award

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during

the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MA	BENGALI	SEMESTER IV	14/10/2020	21/10/2021
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	Nil	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.buruniv.ac.in/AOAR/20192020_261.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BENG	MA	Bengali	189	188	99.47
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.buruniv.ac.in/AOAR/20192020_271.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr. Rabindra Nath Das	Research Professor	01/09/2019	Seoul National University, S. Korea
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
UGC National Fellow. for SC	1825	UGC
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	SERB DST	37.66	22.65
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
A Seven Day National Workshop cum Hands-on Training Program on Single Crystal XRD	USIC	26/11/2019
View File		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Bioprimering of rice seeds	Bhramar Dutta	Indian Science Congress	07/01/2020	Best poster award competition
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
The University of Burdwan	Department of Tourism Management	The University of Burdwan	Tourism Education	Skill Development Training	10/06/2020
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Bengali	15
Commerce	10
Sanskrit	1
Economics	2
Law	4
History	3
English	7
Sociology	1
Mass Communication	2
Urdu	3

Business Administration	3
Business Administration (HR)	1
Philosophy	3
Political Science	4
Physical Education	3
Chemistry	14
Physics	10
Botany	9
Zoology	12
Geography	8
Mathematics	5
Microbiology	3
Biotechnology	1
Conservation Biology	1
Statistics	2
Environmental Science	2
Computer Science	3

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Geography	13	2.16
International	Chemistry	36	3.63
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Physics	25
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
0	Nil	0	Nil
View File			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A lysosome-targetable fluorescent science	A. Sarkar, S. Chakraborty, S.	Chem. Res. Toxicol.	2019	8	Department of Chemistry,	8

sensor for ultrasensitive detection of Hg ²⁺ in living cells and real samples	Lohar, E. Ahmmed, N.C. Saha, S.K. Mandal, K. Dhara and P. Chattopadhyay				The University of Burdwan
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
A block-based adaptive data hiding approach using pixel value difference and LSB substitution to secure e-governance documents	Tanmoy Halder, Sunil Karforma, Rupali Mandal	Journal of Information Processing Systems	2019	3	9	The University of Burdwan

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	83	87	41	28
Presented papers	85	63	10	6
Resource persons	46	92	29	15

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
University Science Instrumentation Centre	Single Crystal XRay Diffraction, Fluorescence Microscopy, Fluorescence	The University of Burdwan, University of Kalyani, University of Calcutta, IEST	91130

	spectrometer, UV-VIS spectrophotometer , Gold Coating with CPD, Transmission Electron Microscopy, XRay Fluorescence spectrometer No Se	Shibpur, Viswa-Bharati, NIT Durgapur, CMERI Durgapur, BCKV Kalyani, SKBU Purulia, Central University Rajasthan, Gupta College of Technological Science Asansol, MUC Womens	
Environmental Science	M Sc Dissertation work	Humic Feed-O-Fert	0
Mass Communication	Evalution and Empact assesment of Mass Media Campaign on Safe and Legal Migration, with Indian Institute of Mass Communication	IIMC, Govt of India, New Delhi	50000
Corp Research and Seed Multiplication Farm	Production and Disbursement of different varieties of foundation seeds of paddy, mustard, potato, sesame, moong	The University of Burdwan and Deptt. of Agriculture, Govt. of West Bengal	4759229
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Department of USIC CIF, The University of Burdwan	(1) A Seven day National Workshop Cum hands on training programme on Single Crystal X-ray Diffraction (26/11 to 2/12 ,2019) (2) A Seven day National Workshop Cum hands on training programme on Transmission Electron Microscopy (25/2-2/3,2020)	Different faculty members, research scholars and students from different universities and institutions are seeking training for the said purpose, namely, from RGU Arunachal Pradesh, NIST Berharmur, NISER Bhubaneswar, BHU, University of Hyderabad,	473500	65

No

[View File](#)**3.6 – Extension Activities**

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Title: Programme on the prevention and Control of Vector borne Diseases (Date of the activity : 26.07.2019)	PG NSS Units, BU (No other collaborating agency)	3	15
Title: Tree Plantation Programme (Date of Activity: 06.09.2019)	PG NSS Units, BU (No other collaborating agency)	4	200
Title: Poster campaigning to prevent the spread of COVID-19 (Date of Activity: 16.03.2020)	PG NSS Units, BU (No other collaborating agency)	3	2

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Awareness on HIV/AIDS	Best Red Ribbon Club (Date of award: 01.12.2019)	NACO	300

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat Abhiyan	Department of Botany	Awareness for cleanliness	10	100

[View File](#)**3.7 – Collaborations**

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Collaborative research	Professor D Das	DAE-BRNS	1095

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Summer project	Summer project	SAIL-ISP, WBSEDCL, EPTISA, EPCOS	01/05/2020	30/06/2020	20

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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
0	Nil	0	Nil

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2139.05	1595.01

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing

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4.2 – Library as a Learning Resource

Existing	1930	33	1887	4	1	0	0	220	0
Added	121	0	121	0	0	0	0	0	0
Total	2051	33	2008	4	1	0	0	220	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

220 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Virtual class, Quiz, Assignment, descriptive type questions designing, File formats, Fulltext resources, Images, linking facilities.	https://lcms.moodlecloud.com/login/index.php
You Tube	Testing of Hypothesis Part- 4 - YouTube
Course Website	https://bit.ly/mphys0401
Course Website	https://bit.ly/mphys0404
Demo Simulations	https://github.com/hariseldon99/StatMechCodes
Course (MPHYS0408E) support website for Static quark model	https://www.youtube.com/playlist?list=PLowjUmu5FCOF2byT2z0Dr-cP6PEERiIlgY
Course (MPHYS0307 Nuclear Physics) support website for coincidence techniques	https://www.youtube.com/playlist?list=PLowjUmu5FCOHu7IdoXSLzmE8fxZ2ELFse
Course (MPHYS0307 Astrophysics) support for Stellar Classification	https://www.youtube.com/playlist?list=PLowjUmu5FCOHmGfg5ZT8kOeYhALNiFvwP
Course (MPHYS0307 Astrophysics) support website for Nuclear Astrophysics and Stellar Evolution	https://www.youtube.com/playlist?list=PLowjUmu5FCOEUDyxvnhJCTmeLxgZAgTEw
Analysis of uranium from ground water	This video was recorded for M.Sc practical class demonstration
Organic carbon measurement from soil sample	This video was recorded for M.Sc practical class demonstration
FTIR spectra measurement from bio-materials	This video was recorded for M.Sc practical class demonstration

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
3574.6	2154.84	56.97	26.91

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory,

library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

• **Students' Support System:** ? The university has a diversified students' support system to cater the demands of the different categories of students. ? The students have access to a rich and well-equipped Central as well as seminar or departmental library. They can easily avail Library book loan facility. The INFLIBNET Centre helps the students and researchers in their advanced studies. The University has ensured as easy access to online e-journals thorough INFLIBNET and subscribed to CD ROM. J-store facility has enabled downloading of important backdated papers, considered important for their dissertation, term paper, etc., as well as research work. ? Health facility are available to teachers, non-teaching staff, officers, students, and research scholars. University is concerned with constant improvement and renovation, and upgradation of the medical equipment and facility like USG, X ray, PFT, ECG, Holter monitoring etc., which are available at the Health care centre. The university Health centre provides medical consultation, basic investigation and basic treatment. ? Preparation of Academic Calendar for the students of PG departments. ? Adequate laboratory facilities with extended hour facilities are provided for PG students and research scholars. Some state of art laboratory facilities are provided for carrying out different research activities. ? A well equipped centralized sports complex with two full-fledged sports ground with facilities of football, cricket, volleyball, handball, kabaddi, kho kho, running track, multigym etc., facilities are dedicated for different outdoor games. Apart from these, some of the hostels also are having playground for different outdoor games facilities. ? All the academic departments have adequate number of classrooms with proper furniture for conducting teaching-learning process smoothly as per standard norms. Most of the departments are furnished with atleast one Smart class room. Some of the departments have separate Computer lab and furnished as per requirement of the revised syllabus Now-a-days computer knowledge and online learning has become part and parcel of all academic activities. To cope up with that centralized computer facilities laboratory and high speed internet connectivity are provided at the academic campus for providing online knowledge gathering facilities for the students. Almost all the academic buildings are provided with ramps at the entrances for accessibility of differently-abled students, teachers, employees and other stakeholders.

https://www.buruniv.ac.in/AQAR/20192020_442.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Tuition Fee Concession (Half Fee/ Full Fee), Tuition Fee Concession for University Rank Holders, Tuition fee Concession for Sports Personnel	607	Nil
Financial Support from Other Sources			
a) National	Different scholarships/	3479	Nil

	financial supports provided by Central, State Private Agencies through DBT		
b)International	0	Nil	0
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Remedial Coaching organized by all teaching department every year at a regular basis	01/07/2019	3917	PG Departments
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	NET / SET COACHING	401	Nil	198	643
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	13

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Curadev	67	2	TCS	5	1
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	13	M Sc	13	IIT	Ph.D

(Mumbai,
KGP,
Guwahati),
The Univ. of
Burdwan,
Kalyani
University,
ISER
Kolkata,
CSIR-CMERI

[View File](#)

5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	189
SET	49
GATE	22
Civil Services	1
Any Other	68

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Football (Men)	Inter-College/ Selection Trial	740

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	East Zone Table-Tennis (Men) Championship	National	1	Nil	TEAM	TEAM

[View File](#)

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The University has a provision of an elected students' Union. They are actively participating in different academic activities, social welfare activities, and other activities entrusted relating to Swachha Bharat mission, campus cleaning program, Celebration of World Environment Day, etc. They conduct annual sports and cultural activities every year enthusiastically. Tree plantation and adaptation of plants by the students are continuous and regular phenomena of the students' Union. The Union promotes cultural values and social responsibilities among the students' community. Presently, as per HE Council, GoWB, there is no provision for student representation on academic and

administrative bodies as per the University's Act, Statues etc. However, the opinion of students is given adequate consideration and emphasis in taking decisions concerning students' interest.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Burdwan University Alumni Association (BUAA) was established on 12.01.2007 (vide Registration No. S/IL-42945 of 2006-07. PAN No. of the association is AAGAB8862N). The Association is situated at the Old Humanities Building, Golapbag campus of the University. Aims Objectives of BUAA: 1. To keep close relation among the members of the Association i.e., the ex-students of Burdwan University for their welfare 2. To educate the members of the Association indischarging their duties and responsibilities 3. To solve the various problems of the students of the University through discussion 4. To establish good relation between the members of the Association and the competent authorities of Burdwan University 5. To give necessary suggestions and advice to the authority of the University for improvement of education and culture 6. To help the needy students of the Burdwan University for their education 7. To improve the social and cultural life of the members of the Association by organizing various social and cultural functions from time to time 8. To promote sympathy, fellow-feeling and cordial relation among the members of the Association irrespective of castes, creeds or religion or gender 9. To affiliate itself with such other recognized organizations, bodies, societies whose objects are fully or in part similar 10. To arrange and organize meeting, conferences, etc., from time to time for discussion of various problems of the members as well as the students of the University 11. To arrange and organize tour programmes, picnic, cultural functions etc., from time to time for the recreation of the members 12. To do all such other things as may be deemed incidental or conductive to the attainment of the foregoing objects.

5.4.2 – No. of registered Alumni:

703

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

A few departments organized their Departmental Alumni Meetings during the Academic Year 2019-2020. During these meetings, they discussed about the modifications of the subject syllabus catering the present day need and proposed to help the needy students academically as well as financially.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

According to the provision of Higher Education Council, Govt. of West Bengal, the University functions through different bodies like The Court, Executive Council, Finance Committee, Faculty Councils, Board of Studies, Students' Council, and other bodies to participate in the management system of the University. In this system, representation of teachers, officers and non-teaching staff members is obvious to make an effective and participative management system. For better functioning of the University system through

decentralization, all the positions of the statutory bodies are filled and they make their functions on regular basis and contribute towards progress of the University. Regular meetings are held with HoDs and the university authority in order to discuss and take decision on important academic matters. The HoDs subsequently place and discuss the matters in the respective Departmental committees thereby facilitating the participative management. In many cases different committees comprising teachers, administrative officers, etc., are formed to discuss the issues and problems and suggest solutions. Meetings of faculty councils are arranged from time to time framing of policy matters, wherein all HoDs and all Professors are provided a platform for discussion. The faculty and the administrative authorities sit together from time to time to identify the needs of the University stakeholders and discuss for proper justification on the demands. Smooth academic and administrative coordination between the University and affiliated colleges are maintained in solving and managing the academic and administrative issues on regular basis.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	University follows the online admission process as per norms of Higher Education Council, GoWB following a transparent and student-supportive approach. In most of the Departments 60 of the total seats are reserved for students of the University of Burdwan on the basis of percentage of marks in honours in graduation, and remaining 40 seats are filled through Written Admission Test for students of the University of Burdwan as well as other universities. Reservation of seats for SC, ST, OBC, PWD, Economically Backward Higher Caste is maintained as per Government Rules. University maintains transparency in admission test by involving the external experts in the preparation of question papers, moderations and the process of evaluations.
Industry Interaction / Collaboration	“Industry Institute partnership Cell” as well as “Placement and Students’ Welfare Cell” take care of placement/training related activities of the students. In this context, University has launched a website (http://iipcbu.buruniv.ac.in). This centre coordinates with the Departments/students and industries in planning/arranging recruitment related activities. IIPC coordinates the online test for students of affiliated colleges for recruitment to software

giants like TCS, CTS etc. The University of Burdwan is an authorised training partner of skill-based courses offered by Govt. of West Bengal under the project Utkarsh Bangla Apart from the centralized initiative of the IIPC, some departments maintain continuous relation with the industry in the light of the requirements of the concerned programmes. Linkage is maintained for enabling the students to undertake summer internship projects, dissertation, and student projects. Industry-oriented research activities are also undertaken by some faculty members. In the professional courses, the course curricula are oriented in a way to facilitate regular industry interaction as well as to meet the industry requirements.

Human Resource Management

University takes care for efficient management of human resources. The IQAC, as a repository cell plays an important role for maintaining general academic atmosphere in the university and tries to promote a sound and cordial relationship amongst teachers, students and supporting staff. The IQAC actively takes part in making different administrative decisions and helps in framing and implementation of the policy. UGC-HRDC is conducting training programmes on regular basis, even under COVID-19 situation to train the staff and officers of the University through. It organizes refresher courses, orientation programmes and short-term courses as regular events to update the faculty members with new development in the field of teaching and research. The University maintains an effective functioning to promote human resources through the Centre of Life Long Learning by offering some life skill development and employment generating courses.

Library, ICT and Physical Infrastructure / Instrumentation

(i) University created "Online payment gateway" for issuing (in online mode) of degree/diploma/transcript to students through NAD, the University also considered the common template for issuing degree/Diploma. (ii) University approved the proposal of I-MADE Digital India Campus initiative, through IIPC Cell. (iii) University started e-filing of Income Tax (iv) EBSCO premium database EPWRF time series database

Mathscinet IEEE explore digital library
 SCC online web edition Platinum Plus
 with HeinOnline available at the
 Central Library (v) The Central Library
 of the University is offering
 computerized library services using
 KOHA Open Source Library Software with
 OPAC facility. (vi) Checking plagiarism
 in regard to research paper, Ph.D./M.
 Phil thesis etc., through Urkund
 software at Central Library. (vii) USIC
 is now equipped with some modern third
 generation instruments like FESEM, TEM,
 GCMS etc., supported under PURSE
 programme.

Research and Development

Faculty members are actively engaged
 in research works and Ph.D.
 supervisions. Various Departments are
 getting assistance/recognition under
 SAP/COSIST/ASSOST/DST/ FIST and other
 programmes due to their excellent
 performances in research. Our number of
 departments like Physics is running
 FIST LEVEL II, CASII Economics DRS
 II/SAP III Bengali CAS LEVEL III
 Environmental Science DST-FIST and DBT
 Botany CAS LEVEL II Chemistry CAS LEVEL
 II Biotechnology with DBT sponsored
 research schemes/programmes. The
 Faculty of Science has been
 successfully implementing the PURSE
 Programme of DST, Phase-II, since
 01.04.2017. A number of Major Research
 Projects are running smoothly with
 financial grants and equipment from
 different national funding agencies and
 non-government funding agencies. To
 improve the quality of research, many
 departments conduct workshop on
 research methodology, training on
 instrumentation, etc., and create
 platforms for greater interactions
 among the scholars and resource
 persons. Faculty members are carrying
 out collaborative research with other
 universities and research institutes.

Curriculum Development

CBCS based curriculum is regularly
 monitored by all the PG Departments
 with the help of the external experts
 during the meeting of BoS. Efforts have
 been made to introduce courses that are
 most urgently needed in the greater
 interest of the society. Review of
 content and upgradation by seeking
 opinion from students during their
 class hours and stakeholders. The
 continued initiatives taken have

resulted in positive outcomes in relation to sanction of post and infrastructure in PG programme like Physical education. Preparation of academic calendar for smooth conduct of teaching-learning in a systematic manner has been emphasized.

Teaching and Learning

The University maintains the total number of teaching days as per UGC norms. Ph.D. course work curricula of a couple of programme has been revised and made it effective during 2019-'20.

In many departments, apart from conventional methods, teaching is imparted through adoption of e-content and digital mode. Students are provided coaching for NET/SET examination. Tutorial classes are also arranged for slow learners on regular basis. The University of Burdwan took proactive steps in ensuring that the teaching learning process remains uninterrupted and the students can be provided with continuous psychological and academic support in times of uncertainty arising out of COVID-19. It was decided to continue the teaching learning process uninterrupted through online mode using the available platforms like Zoom, G-Suite and other established online/social media platforms etc. Several administrative meetings were conducted online, wherein issues concerning students and teaching-learning were continuously discussed and problems were addressed. Online classes were conducted smoothly from 28.03.2020 on the basis of class routines for each department, so that a specific schedule could be maintained while conducting classes online. Each department developed their WhatsApp groups comprising students and faculty members to facilitate smooth and speedy communication and redressal of the problems faced by the students. In the context of providing online teaching and learning, the constraints as well as opportunities were identified before hand and the pertinent issues like connectivity problems were reviewed and the solutions were appropriately addressed. Students facing connectivity problems, were provided with suitable alternatives wherein the recorded videos of the classes held online were uploaded on the university website along with the softcopies of the study

materials. In order to support the online mode and make it more exclusive, some of the faculty members provided data pack to the needy students. In order to facilitate the process, the Digital Learning Monitoring Cell of the university sensitized the department and identified the areas where the need-based support could be provided to the students. Furthermore, the cell took a leading initiative in providing the need-based support to the departments.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	Partially
Administration	Partially
Finance and Accounts	Pay slip, IT form generation, PF statement, Medi-claim e-Card, e-filing of income tax.
Student Admission and Support	Fully Online
Examination	Partially (Admit card generation Result preparation)

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Professor Sourangshu Mukhopadhyay	National Level Workshop for Dual Mode Universities.	NAAC, UGC, Government of India.	10000
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Summer school on changing Role of Use of ICT in higher education [Inter-Dis	NA	12/07/2019	25/07/2019	30	Nil

disciplinary
(All
Subjects)]

[View File](#)

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course in Ethics, Value, Culture and Society [Inter-Disciplinary (All Subjects)]	32	06/09/2019	19/09/2019	14

[View File](#)

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
218	227	711	711

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Support for Group Medi-claim Policy, Health Centre Facility, Ambulance Service, Low Interest HBL, GSLI, Bus Service, Research seed fund for young faculty members, Financial support for traveling and registration charges of national and international seminars.	Support for Group Medi-claim Policy, Health Centre Facility, Ambulance Service, Low Interest HBL, GSLI, Bus service, Interest free festival advance.	Special Scholarship for University Semester Rank Holders and Sports Rank Holders, Health Centre Facility, Ambulance, Bus Service, 24 hrs power backup and Internet facility at the hostels.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The audited Financial Report of the University comprising Balance sheet, Income Expenditure Account and Receipts Payments Account of the University for the Financial Year 2012-'13, 2013-'14, 2014-'15, 2015-'16, 2016-'17, 2017-'18, 2018-'19, 2019-'20 approved in the Finance Committee, Executive Council and The Court on regular basis for onward submission to Higher Education Department for subsequent transmission to Office of the Principal Accountant General (G SSA), West Bengal, Local Audit Department for conducting statutory audit of the accounts of the University.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government	Funds/ Grnats received in Rs.	Purpose
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funding agencies /individuals		
NA	0	NA
View File		

6.4.3 – Total corpus fund generated

2000000000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	CAG	No	Nil
Administrative	Yes	CAG	Yes	Finance Officer, The University of Burdwan

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

For maintaining smooth academic and administrative coordination between the affiliated colleges the University always widens the sufficient scope in solving and managing the different problems at local level. As per Statute, the University has constituted different bodies for augmentation of the institutional development. College principals are participating in the meeting of the University apex bodies as per the statutory provisions. University conducts different workshop/training to the principals, teacher-in-charges, non-teaching staff members either through HRDC or at University level. The University leadership team guides them on various issues. The Principal/Teacher-in Charge of the colleges are empowered to overall supervision of the college for conducting the examination as Centre In-charge to conduct the examination and evaluate the papers of some of the subjects like Compulsory English, Environmental Studies etc., Soft Skill Development Courses etc. University Teachers being the members of the UGBS, help in framing Academic Calendar, Syllabus, in preparing Examination Schedule, panel of Paper Setters, Examiners, Scrutinizers and Reviewers and also actively participate in Paper Setting, Examining and Reviewing answer scripts of theoretical and practical papers of all undergraduate courses. The process of promotion of the college teachers through Career Advancement Scheme is mediated through University teachers who act as External Experts. Entire examination process is conducted under the supervision of the University authority for smooth running and maintenance the transparency of the examination process even in the distant districts. The University has no provisions for offering the colleges to become autonomous institutions.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

- Effort has been taken to take-up certain activities during 2019-`20 relating to Parent-Teacher activities.
- Outcomes of the interaction on areas like expectation of parents from the institution are considered by the departments for effective teaching-learning and students' services.
- Every department has organized at least one parent-teacher meeting with the parents of students of SEM II and SEM IV. They have expressed their every satisfaction and suggestions concerned with their wards.

6.5.4 – Development programmes for support staff (at least three)

• The Human Resource Development Centre of the University conducts various training programmes for enhancing the efficiency of supervisory staff, technical staff members, etc. • University Health Services extended to the Fixed Pay and Daily wage basis staff. • The University Medical Officer attended several training programmes for providing better medical services all the stakeholders of the university.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

University considered the following recommendations of the NAAC Peer Team as well as suggestions made by the Standing Committee: 1. Expedite the process of recruitment of vacant posts of teaching departments 2. Initiative for collaborative research with different institutions, industries 3. Initiative on introduction of skill-oriented courses 4. Creation of additional facilities on digitalization for students in common, differently-abled students and staff members 5. Improvement of grievance redressal mechanism 6. Proposed for more skill development courses 7. More emphasis on industry-oriented syllabus, wherever applicable 8. Seminar on IPR to create more awareness 9. The University was the second university amongst all state-aided universities for performance audit of Higher Education with outcomes covering a period from 2014-'15 to 2018-'19 for inclusion in the Audit Report of the Comptroller and Auditor General of India on Government of West Bengal. 10. Enhancement of Alumni activities and encouragement for formation of alumni associations at department level. Some of the departments have their own alumni association and organize meetings/seminars on regular basis. Some of the departments have taken initiative to frame their departmental alumni association in near future.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Discussion on NAAC Assessment and Interaction Discussion on NIRF	17/09/2019	17/09/2019	17/09/2019	180
2020	Workshop on SSR Preparation for College	12/02/2020	12/02/2020	12/02/2020	55
2020	Workshop on Preparation of SSR for NAAC Accreditation	17/03/2020	17/03/2020	17/12/2020	76

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender sensitization programme	12/03/2020	13/03/2020	265	135

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

(i) Energy conservation • Newly constructed buildings are fully furnished with LED fittings wherever provisions are available. (ii) Eco-friendly Ambience with Sustainability: • World Environment Day (June 5, 2020). Mechanical removal of water hyacinth at Krishna Sayar Ecological Garden • Liberation of IMC and catfish seed, liming, feeding into Lahar and some other water bodies partially funded by State Fisheries Department, Burdwan. • Proposal of construction of Toilet-Block for both gents and ladies inside the Golapbag Campus. (iii) Water Harvesting: • Golapbag Campus is bounded by Lahar, a big watershed system which is used for conservation of aquatic species of plants and animals, water resources inside the campuses of Golapbag and Tarabag, etc. Regular eradication of weeds as a mean for improvement of conservation strategy and natural beauty. (iv) Efforts for carbon neutrality • The Students of the Department of Environmental Science are measuring carbon footprint in Golapbag Campus during their practical and dissertation works. • Medicinal Garden in the Golapbag campus is maintained solely by the department of Botany. • Darul-Bahar which is an epitome of royal legacy harbours the rare and endangered species like pinus, varieties of gymnosperms, etc within the Golapbag Campus • Students and Faculty members of the Environmental Science Department celebrate World Environment Day in every year and keep programme on Campus Cleaning, social awareness, etc. (v) Students Welfare and Hygiene: • Regular maintenance of toilets in the different departments as well as campus. • Renovation and construction of toilets • Renewal of AMC on maintenance of Aqua guard, Water cooler etc. • Regular cleaning of the campus, waste disposal and draining, spraying of insecticides • Health services are provided to the University students on free of cost

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	34
Provision for lift	Yes	34
Ramp/Rails	Yes	34
Any other similar facility	Yes	34

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva	Number of initiatives taken to engage with and contribute to	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
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	ntages	local community					
2020	2	2	01/03/2020	30	Demonstration Camp and Training	Distribution of Seeds to local community, Skill and expertise development among the farmers	62
View File							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Gender sensitization programme	12/03/2020	The basic objective of the programme was to orient the students on various aspects and imperatives of gender sensitization. It was a planned programme for all the PG students and it was conducted in two sessions in each day. However, the programme as planned could not be continued after 13.03.2020 due to the outbreak of COVID-19 pandemic. As per provisions mentioned in the statute, university maintains the professional ethics of code of conduct endorsed in the service book

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2020	21/06/2020	100
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Initiatives have been taken by the University to make the campus eco-friendly.

- Entire Green Campus of Golapbag is declared as Biodiversity heritage site by the Botanical Survey of India. Department of Botany is maintaining the Biodiversity Register since 2018-'19.
- Students of every new session are encouraged for plantation and for maintaining the garden during leisure time.
- Renovation and beautification of Krishnasayar are maintained by the University on regular basis. The plantation programme in this park is a regular phenomenon.
- Older plants in the Golapbag Campus are maintained as per

guidelines of the Forest Department adjacent to the University. • A number of water bodies are exclusively used for pisciculture with the help of the Fishery Department of the Government of West Bengal. • New Programmes/Shows are introduced in the Meghnad Saha Planetarium which serves as a centre for knowledge-based education particularly for school and college students. • University looks into the matter relating to the hygiene through renovation and re-construction of toilets, kitchen both for boys and girls hostels time to time. • University Biosafety and Ethical Committees are very much concerned with bio-safety measurements and helping the faculty members for environmental protection from hazardous chemicals, reagents, solvents, biological bodies, etc.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

A. Development of Academic Curriculum, Infrastructure and Social Outreach • University started Academic Calendar and Examination Calendar at the UG level • University constituted the Digital Learning Monitoring Cell to popularize and successfully UGC SWAYAM • University created "Online payment gateway" for issuing (in online mode) of degree/diploma/transcript to students through NAD, the University also considered the common template for issuing Degree/Diploma • University continued the program of awarding one personality from sports as "Best Sports Person" of every year • The University of Burdwan (BU), in collaboration with the NPTEL Office of IIT Kharagpur, organized a one-day SWAYAM Awareness Workshop in the DDE Auditorium, DDE Complex, Golapbag, Burdwan on 13-11-2019. • The University successfully organized the 4th Regional Science Technology Congress (Western Region), 2019 jointly with Department of Science and Technology and Biotechnology, Government of West Bengal on December 09-10, 2019. B. Eco-friendly Campus • Crop Research and Seed Multiplication Farm (CRSMF): CRSMF of the University of Burdwan has constructed two Hi-Tech Naturally Ventilated PolyGreen Houses (Tubular structure) of 500 sq.mt. each including one power tiller and -20 OC deep freezer • Plantation: Plantation programme is maintained throughout the year by the students, faculty members and staff at Golapbag, Rajbati campus, Residential campus etc. • Hazardous waste management: Every department uses its own waste bins and disposes off later. Department of Chemistry maintains the treatment plant before discharging outside. Biological wastes are stored in a separate tank and disposed off time to time. • e-waste: E-wastes as junk materials are collected by the vendors as per decision of the EC on regular basis. • Plastic free campus: University campus is maintained as plastic free campus. • Maintenance of Medicinal Garden: University maintains a stock of germplasm of around 35 species in Darul Bahar Island. • Training to monitor environmental parameters: Environmental Science department performs testing of the soil and water for the farmers on payment basis.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.buruniv.ac.in/AQAR/20192020_721.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The University of Burdwan is committed to enrich and ignite professionalism and instil humanism. The following institutional distinctiveness are taken into consideration: A. Initiatives to Promote Academic Excellence: • The university maintains the teaching-learning process as per academic calendar. • Encouraging Young Faculty Members to undertake research projects. • University is taking

keen interests to promote inter University academic exchange programmes. B. Promotion of Quality Education and Healthy Practices: • The University is committed to disseminate wisdom, both ancient and modern, among generations of students and teachers for the betterment of the human social existence, both local and global. C. Augmenting Knowledge Base and Performing Social responsibilities: The University is committed to pursuit the following activities for augmenting knowledge base and performing social responsibilities: Providing comparable and competitive facilities Empowering the backward social clusters of its hinterland through teaching-learning process beyond class room Promoting the ethnic, social, religious and cultural diversity in unity Dedication to ensure the educational, social, cultural and economic needs of the society in general and the state of West Bengal and Bardhaman district in particular. Striving to serve the society and the nation because of its unique location in the midst of a distinctive blend of agricultural areas on the one hand and industrial hub on the other. D. Inter-departmental Co-operations: University always encourages inter-departmental collaboration and cooperation to promote the research atmosphere within the university. Dissertation projects and minor elective courses are usually conducted in collaboration with other departments. E. CRSMF of the University of Burdwan has constructed two Hi-Tech Naturally Ventilated Poly Green Houses (Tubular structure) of 500 sq.mt. each including one power tiller and -20 OC deep freezer. F. Promotion of Inter-disciplinary Research: University encourages inter-disciplinary research. Several Research Projects are in operation involving various departments with inter-disciplinary contents. Under PURSE programmes different departments work together and conduct seminars/conferences on a particular theme area. G. Crop Research and Seed Multiplication Farm (CRSMF): CRSMF of the University of Burdwan has constructed two Hi-Tech Naturally Ventilated Poly Green Houses(Tubular structure) of 500 sq.mt. each including one power tiller and -20 degree centigrade deep freezer

Provide the weblink of the institution

https://www.buruniv.ac.in/AOAR/20192020_731.pdf

8.Future Plans of Actions for Next Academic Year

- Introduction of new PG departments in Geospatial Science, Electronics Communication, Nutrition Public Health, Womens Studies, Molecular Biology Human Genetics, Physiology and Psychology
- Preparation of Academic Calendar for General Degree Colleges affiliated to this University and for the Postgraduate programmes for the academic session 2020-'21
- Automation of student life cycle management through a comprehensive approach
- Comprehensive curriculum enrichment in all PG programmes
- Provision for credit transfer and faculty initiative for incorporation of SWAYAM during the next curriculum enrichment programme.
- Preparedness of the University Health Centre in the wake of COVID-19 pandemic.
- Organising webinars on various themes of academic and emerging areas of interest and motivating students to participate in the webinars
- Offering some certificate and diploma level skill development courses for overall generation of employment and improvement in collaboration with the industry.
- Starting of Institution Innovation Council and Incubation Centre.