



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	NORTH-EASTERN HILL UNIVERSITY
Name of the head of the Institution	Prof. Sri Krishna Srivastava
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	03642550101
Mobile no.	8974010573
Registered Email	vcnehu@nehu.ac.in
Alternate Email	profsksrivastava@gmail.com
Address	Vice-Chancellor, NEHU, Umshing
City/Town	Shillong
State/UT	Meghalaya
Pincode	793022

2. Institutional Status

University	Central
Type of Institution	Co-education
Location	Urban
Financial Status	central
Name of the IQAC co-ordinator/Director	Prof. Purusottam Nayak
Phone no/Alternate Phone no.	03642721080
Mobile no.	9436111308
Registered Email	directoriqac@nehu.ac.in
Alternate Email	nehu_pnayak@yahoo.co.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://nehu.ac.in/igac/quality_assurance_report.php
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://nehu.ac.in/Academic-Calender

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	A	3.03	2009	30-Sep-2009	29-Sep-2014
3	A	3.2	2017	09-Jun-2017	08-Jun-2022

6. Date of Establishment of IQAC	02-Dec-2004
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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
NAAC Assessment and Accreditation: The Revised Framework	08-Sep-2019 02	56

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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 Zoology	DSA Phase III	UGC	2018 1826	1.2
Department of Zoology	DST-FIST Level I Phase II	DST	2018 1826	2
M.S. Dkhar (PI), H. Kayang (Co-I) Collaborators: Prof. N.K. Dubey (PI); Dr. Bhanu Prakash (Co-I), BHU	Fungal and mycotoxin contamination of stored maize (Zea mays Linn) samples in Meghalaya and antimicrobial and mycotoxin inhibitory efficacy of some biocontrol agents and essential oils of traditionally used medicinal plants of the region".	DBT	2018 730	5.92
School of Education	Centre for Pre-Service Teacher education	PMMMNT MHRDT	2019 1097	7.5

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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 :

0

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

11. Whether IQAC received funding from any of the funding agency to support its activities

No

during the year?

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

- Processing of CAS Applications of the faculty members.
- Interaction with different stake holders like Students, Staff and Faculty Members.
- Sensitization of research students (M. Phil and Ph. D) for Progress Report Seminars.
- Cleaning drive through students under Swachh Bharat Abhiyan.
- Induction programmes for the newly recruited staff and students.

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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	Achivements/Outcomes
Induction Programme	Central Library organized induction programmes for the newly recruited staff and newly admitted students.
Swachh Bharat Abhiyan	NSS and Academic Departments organized regularly campus cleaning programmes.
Sensitization of research students	Every Academic Department organised bi-annual progress report seminars of research work.
Interactions with Stake holders	Frequent meetings with teachers were made in connection with clarification of UGC Regulations for promotion and direct recruitment, taking up of research project and publishing research outcomes; Students and Non-teaching staff were also encouraged to meet to discuss their genuine problems.
Processing of pending CAS applications	Applications processed, candidates were interviewed and those qualified were promoted through Selection Committees.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Executive Council	27-Nov-2020

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

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission	2020
Date of Submission	30-Jun-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>University Management System is in place. There are in total 12 Modules as follows: 1. Establishment Module. 2. Finance Module: Budget and Project sub module are ready but not in use Payroll and Accounts sub modules are implemented and are functional. 3. Students Affair Module: It has been implemented and functional. 4. Academic Module: Academic and Admission management module have been implemented and are functional. 5. Examination Module: PG examination processing has been implemented but UG examination processing is yet to be implemented. 6. Purchase and Store and Guest House Modules: The modules are implemented and ready for use. 7. Administration Module: Asset and DAK module are implemented. 8. Transport Module: It has been implemented and data entry work has been completed. 9. Estate and other submodules: These are implemented and data entry work has been done. 10. Medical Module: It has been implemented and data entry has been completed. 11. Conference Module: It has been implemented. 12. Library Module: This has been implemented to issue NOC to outgoing students.</p>

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
MArch	Architecture	Architecture	22/06/2020
MSc	Physics	Physics	18/04/2019
MSc	Zoology	Zoology	21/11/2019
MA	Linguistics	Linguistics	24/09/2019

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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
MCom	Corporate Tax planning and Management, and Security Market Operations	01/08/2019	0-301 0-302	01/08/2019
MA	Entrepreneurs hip Development	02/03/2020	FDP	02/03/2020
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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
MSc	Rural Development & Agricultural Production	30/05/2019
BTech	Biomedical Engineering	07/09/2019
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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
MSc	Mathematics	01/08/2019

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
Practical aspects for computer applications	01/10/2019	16
Managerial Economics applicability	01/10/2019	16
Research Methodology for research	01/10/2019	30
Tax related matters in Accounting for Managers	01/10/2019	16
World Mental Health Day (Programme participated)	10/10/2019	31
International Day of Rural Women (Programme participated)	15/10/2019	31
Food Festival on Mid Day Meal (Programme participated)	22/10/2019	31
Multi Stakeholder Child Specific Intervention Programme (Programme Organised in NEHU by MSW Department)	18/10/2019	31

National Seminar at TISS, Guwahati (Programme participated)	21/11/2019	15
Workshop on 'Working with Individuals' and a Special lecture on 'Mental Well-being at workplace' (Programme Organised by MSW, NEHU)	26/11/2019	31
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MCom	Commerce	37
MA	Anthropology	30
BA LLB	Law	300
MBA	Agri-Business Management and Food Technology	14
MSc	Botany	41
MSc	Biochemistry	22
Mtech	Electronics and Communication Engineering	19
MA	Geography	38
MBA	Management	28
MEd	Education	42
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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	No

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

Feedback Obtained
1. It is analyzed internally and the conclusion so obtained are shared with teachers and administrators of the University for Remedial Measures. 2. Students demanded to introduce "corporate Tax Planning Management" and "Security Market Operations" papers under CBCS which was put up at the Faculty meeting Dated 12th June 2019 for discussion and sympathetic consideration where the Faculty members agreed for its introduction of the same from 1st August, 2019.

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
MBA	Agri-business, Management & Food Technology	17	47	17
Mtech	Information Technology	18	40	12
BTech	Information Technology	72	368	59
BA LLB	Law	72	554	72
MA	Education	30	82	30
PhD or DPhil	Biotechnology & Bioinformatics	6	90	6
MA	Economics	60	623	58
MSc	Biotechnology & Bioinformatics	26	141	25
MCom	Commerce	56	488	55
MSc	Physics	39	513	39
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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 (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1075	2729	Nil	252	310

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
310	210	42	75	24	38
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)

Each Academic Department has provision of Tutorial Classes in the Class routine. Any student who fails to understand the specific topics in the general classrooms are taken care of in the tutorial classrooms. Besides,

teachers act as mentors to their UG, PG and PhD students as per the requirements of the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5007	310	16:1

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
467	310	157	Nill	261

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
2019	T.B.Subba	Professor	Chairman,UGC Expert Committee for drafting Learning Outcome-Based Curriculum Framework for Anthropology
2019	Q.Marak	Associate Professor	Associateship at IIAS, Shimla
2019	Dr. Naraginti Amareswaran	Assistant Professor	IRDP Academic Excellence Award - 2019, IRDP, Chennai, India
2020	Dr. Naraginti Amareswaran	Assistant Professor	4 Future Learn Awards - 2020, UK (International Awards)
2019	Dr. N. K. Chrungoo	Professor	Elected President: International Buckwheat Research Association (2019-2022). Member of the Editorial Board of the Fagopyrum, the official journal of the International Buckwheat Researchers Association. Member (UGC nominee), Advisory Committee, UGC-SA
2019	Sunil Kumar De	Professor	Honoured by the Shaanxi Institute

			of Geological Survey as the distinguished Expert
2019	Sultana Begum Abida Mazumder	Assistant Professor	Received Best Paper Award in the International Conference on Management, Economics and Social Science (ICMESS)' organized by Researchfora, Goa during 30th to 31st December, 2019.
2019	C.P. Suresh	Professor	Senior Scientist of the Year
2019	Uma Shankar	Professor	Member of the Board of Studies, Tripura University, Suryamaninagar, Tripura. Member, Research Advisory Committee, Birbal Sahni Institute of Palaeosciences (BSIP), Lucknow. Member, AICOPTAX, MoEFCC, New Delhi. Member, Governing Body, Buddha Bhanu Sara
2019	S.M Sungoh	Professor	4 Future Learn Awards-2020, UK (International Awards)
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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	English	4th Semester/ 2019	21/06/2019	09/07/2019
LLM	Law	4th Semester/ 2019	21/06/2019	05/07/2019
MSc	Environmental Science	4th Semester/ 2019	20/06/2019	02/07/2019
MCA	Computer Application	6th Semester/2019	25/06/2019	09/07/2019

Mtech	Information Technology	4th Semester/ 2019	10/06/2019	26/06/2019
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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
Nill	2243	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://nehu.ac.in/Centre-for-Pre-Service-Teacher-Education

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
Chemistry	MSc	Chemistry	38	34	89.47%
Zoology	MSc	Zoology	29	29	100%
Bio-Chemistry	MSc	Bio-Chemistry	21	21	100%
Electronic & Communication Engineering	Mtech	Electronic & Communication Engineering	15	15	100%
Information Technology	Mtech	Information Technology	17	13	76.47%
English	MA	English	79	77	97.46%
Khasi	MA	Khasi	50	48	96%
Commerce	MCom	Commerce	46	36	78.26%
Library & Information Sciences	MLibSc	Library & Information Sciences	29	29	100%
Computer Application	Mtech	Computer Application	37	23	62.16%

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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)

No Data Entered/Not Applicable !!!

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
No Data Entered/Not Applicable !!!				
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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
JRF - 44	2557	UGC New Delhi, CSIR, DST, DBT, SERB-DST, NEHU Non-Net fellowship UGC ICPR, DST-SERB IMPRINT-2, Ministry of Tribal Affairs, CSIR-UGC/Inspire, DBT-SERB, HUB
JRF-DBT Tuning NER Project	1096	DBT, New Delhi
UGC-NET JRF-7	1826	UGC
CSIR-JRF-1	730	CSIR
SRF-13	2922	UGC, DST, CSIR,DBT, CSIR-UGC/NFST, DBT-SERB, NEHU Non -Net Fellowship UGC Fellowship
NFST- 8	1826	UGC,NFST, Ministry of Tribal Affairs
ICSSR-4	1826	ICSSR
BSR - 01	730	UGC
Women Scientist	1096	DST
Post Doctoral	365	D S Kothari Post-doctoral fellow
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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	1096	UGC-DAE CSR Indore	63.9	21.3
Major Projects	1096	DBT, New Delhi	36.4	21.62
Major Projects	1826	DBT, New Delhi	69.74	19.61
Major Projects	1826	DBT, New Delhi	78.49	22.01
Major	1826	NMHS,	64.17	32.65

Projects		GBPNIHESD, Almora		
Major Projects	1096	MoEF, India	24.35	13.32
Major Projects	1096	DBT, (NER-BPMC), Govt. of India, New Delhi.	47.15	12.38
Major Projects	1096	Govt. of Meghalaya, India	59.62	15
Major Projects	1826	DBT, New Delhi	72.54	22.55
Major Projects	1096	DBT (NER-BPMC), Govt. of India, New Delhi	34.18	5.92
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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
Refresher Course in Chemistry on Chemistry Today	Chemistry	21/10/2019
National Symposium on "Recent Trends In Chemistry : 2019 (RTC-19)"	Chemistry	31/10/2019
Intellectual Property Rights (IPR)	Architecture	30/08/2019
International Seminar on Sufism its Influences in Indian Subcontinent	History	03/09/2019
Writers Meet	Garos	21/09/2019
Sahitya Academi sponsored Gramalok at Ampati College	Garos	28/09/2019
A week Training Programme on Loinloom A.chik Traditional Folk Skill	Garos	21/01/2020
One day sensitisation Workshop cum hands on practices session on Cloud Programming	Basic Sciences Social Sciences	07/09/2019
Organised an Indian Immunology Society sponsored programme on International day of	Biotechnology and Bioinformatics	29/04/2019

Immunology on at, Shillong, 793022 for class XI-XII Science students		
The department has organized series of events such as Panel Discussion, Tourism Quiz, Debate Competition and Eco-Tourism Awareness cum Cleaning Drive to reveal world Tourism Day from September 26-28, 2019	Tourism and Hotel Management	26/09/2019
National Seminar on Statistics, Big data and data Science	Statistics	21/11/2019
Symposium on Money Skills, A Financial Literacy Initiative	Commerce	28/08/2019
Financial Literacy Programme	Commerce	19/09/2019
National Symposium on Recent Trends in Zoological Sciences (NSRTZS 2020)	Zoology	28/02/2020
Sahitya Academi sponsored Gramalok at Mendipathar College	Garo	31/08/2019
Sahitya Academi sponsored Gramalok at Williamnagar College	Garo	14/09/2019
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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
Bharat Vikas Award Inspiring Citizens Award, Janardandhan Pharma award	E .Syngkon	Institute of Self-Reliance Bhubaneshwar, Odisha	14/12/2019	Bharat Vikas Award Inspiring Citizens Award, Janardandhan Pharma award
World Research Peace awards 2019 for excellence in Determinants for success of CBRT: review of related literatures	Baiartis L Peinlang	Research Under Literal Access Awards Trichy, Tamil Nadu.	15/08/2019	World Research Peace awards 2019 for excellence in Determinants for success of CBRT: review of related literatures
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation	Name	Sponsered By	Name of the	Nature of Start-	Date of
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Center			Start-up	up	Commencement
No Data Entered/Not Applicable !!!					
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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
Electronics Communication Engineering	2
Geography	3
Garo	1
History	4
Hindi	1
Information Technology	3
Khasi	1
Law	2
Library Information Science	6
Linguistics	4
Mathematics	1
Management	3
Philosophy	3
Physics	1
Political Science	11
Rural Development Agricultural Production	2
Statistics	3
Sociology	4
Zoology	9
Anthropology	8
Adult Continuing Education	7
Botany	8
Biotechnology Bioinformatics	7
Biochemistry	5
Chemistry	8
Commerce	5
Cultural Creative Studies	4
English	12
Education	10
Economics	5
Environmental Studies	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
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			any)
National	Botany	6	0.5
International	Botany	24	2.5
International	Biomedical Engineering	4	0.24
National	Geography	4	0.12
International	Geography	2	1.27
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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
Statistics	2
Library and Information Science	2
Anthropology	24
Tourism and Hotel Management	13
History	15
Khasi	2
Physics	6
English	17
Linguistic	3
Law	7
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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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
Non-timber forest products and their contribution to healthcare and livelihood security among the Karbi tribe in	Mipun Puranjoy, Bhat Nazir Ahmad, Borah Dipankar and Kumar Yogendra	Ecological Processes, 8:41.	2019	1	North-Eastern Hill University, Shillong, India	1

	Northeast India						
	Assessment of chitosan biopolymer encapsulated ?-Terpineol against fungal, aflatoxin B1 (AFB1) and free radicals mediated deterioration of stored maize and possible mode of action.	Chaudhari A. K., Singh A., Singh V. K. A., Dwivedy K., Das S., Ramsdam M. Y., Dkhar M.S., Kayang H. and Dubey N. K.	Food Chemistry, 311, (Elsevier) https://doi.org/10.1016/j.foodchem.2019.126010 (IF: 5.399).	2020	5	North-Eastern Hill University, Shillong, India	6
	Ex - situ multiplication of Coelogyne ovalis Lindl.: Nutrient optimization for asymbiotic seed germination and mass scale propagation of genetically stable plantlets.	Singh N. and S. Kumaria	International Journal of Life Sciences Research, 7 (2): 503-512. (SJIF Impact Factor 6.38).	2019	1	North-Eastern Hill University, Shillong, India	Nil
	Strongly generalized radical supplemented modules	S.Das and A.M. Buhphang	Discussiones Mathematicae General Algebra and Applications	2020	0.1	North-Eastern Hill University, Shillong, India	Nil
	Patterns of tobacco and e-cigarette use status in India:	Sharan, R.N Chanu, T.M Chakraborty, T.K. et al	Harm Reduction Journal	2020	2	North-Eastern Hill University, Shillong, India	1

	across sectional survey of 3000 vapers in eight Indian cities						
	Rings characterized by dual-Utumulomimodules	S.Das and A.M. Buhphang	Journal of Algebra and its applications	2019	0.57	North-Eastern Hill University, Shillong, India	Nil
	Synergistic effect of PPFD and mycorrhization for efficient in vitro propagation of Dendrobium chrysanthum Wall. ex Lindl.	Hajong S., S. Kumaria and P. Tandon	International Journal of Current Microbiology and Applied Sciences, 8(10): 1290-1308 (Impact Factor 0.16).	2019	4	North-Eastern Hill University, Shillong, India	Nil
	A combinational phytochemical-mediated assessment in micropropagated plantlets of Coelogyne ovalis Lindl. A horticultural and medicinal orchid.	Singh N. and S. Kumaria	Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci., 90 (2):455-466 (Impact Factor 0.396).	2020	1	North-Eastern Hill University, Shillong, India	1
	Chemically characterized Artemisia nilagirica (Clarke) Pamp. essential oil as a safe plant-based preservative	Kumar M., Dwivedy A. K., Sarma P., Dikhar M. S., Kayang H, Raghuvanshi R. and Dubey N. K.	Journal of Plant Biosystems (Taylor Francis), https://doi.org/10.1080/11263504.2019.1587539 . (IF: 1.0)	2019	10	North-Eastern Hill University, Shillong, India	2

ervative and shelf-life enhancer of millets against fungal and aflatoxin contamination and lipid peroxidation.		1.203).				
Bamboo fossils from Oligo-Pliocene sediments of northeast India with implications on their evolutionary ecology and biogeography in Asia.	Srivastava G., Tao Su, Mehrotra R.C., Kumari P. and Uma Shankar	Review of Palaeobotany and Palynology 262: 17-27. (https://doi.org/10.1016/j.revpalbo.2018.12.002).	2019	13	North-Eastern Hill University, Shillong, India	4

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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 640-Gbps, 15.2344-b/s/Hz full-duplex optical fiber/wireless single-channel coherent communication system using IQM-based DP-256-QAM and DSP techniques. Photonic Network Communications	DhimanKati and Subhash C. Arya	Photonic Network Communications	2019	32	2	ECE Dept., NEHU

Antioxidant activity of endogenously produced nitric oxide against the zinc oxide nano particle-induced oxidative stress in primary hepatocytes of air-breathing catfish, <i>Clarias magur</i> .	Koner D., Banerjee B., Hasan R. and Saha N.	Nitric Oxide: Biology and Chemistry	2019	89	2	North Eastern Hill University, Shillong, Meghalaya
Transcriptome analysis reveals novel insights in air-breathing magur catfish (<i>Clarias magur</i>) in response to high environmental ammonia	Banerjee B., Koner D., Hasan R., Bhattacharya S. and Saha N.	Gene	2019	171	2	North Eastern Hill University, Shillong, Meghalaya
Strongly generalized radical supplemented modules	S.Das and A.M. Buhphang	Discussiones Mathematicae General Algebra and Applications	2020	1	Nil	North Eastern Hill University, Shillong, Meghalaya
A study Governance and Development in Bodoland Territorial Area Districts of Assam in India	N.Basumaty and Bhagirathi Panda	Humanities Social Sciences Reviews	2019	6	Nil	Gyandhara International Academic Publications
Patterns	Sharan,	Harm	2020	2	1	North

of tobacco and e-cigarette use status in India: across sectional survey of 3000 vapers in eight Indian cities	R.N Chanu, T.M Chakraborty, T.K. et al	Reduction Journal					Eastern Hill University, Shillong, Meghalaya
Rings characterized by dual-Utumi-modules	S.Das and A.M. Buhphang	Journal of Algebra and its applications	2019	22		Nil	North Eastern Hill University, Shillong, Meghalaya
Hyperammonia stress causes induction of inducible nitric oxide synthase gene and more production of nitric oxide in air-breathing magur catfish, Clarias magur (Hamilton).	Kumari, S., Choudhury, M.G. and Saha, N.	Fish Physiology and Biochemistry	2019	75		1	North Eastern Hill University, Shillong, Meghalaya
Single molecular dual analyte thio-urea based probes for colorimetric Hg ²⁺ and fluorometric AcO ⁻ detection and its' application in bioimaging.	Patra S.K., Sen B., Sheet S.K., Banerjee B., Saha N. and Khatua S.	Inorganica Chimica Acta	2019	95		1	North Eastern Hill University, Shillong, Meghalaya

Green and efficient one-pot synthesis of 2,3-dihydroquinazolin-4(1H)-ones and their anthelmintic studies.	Kharmawlong, G.K., Nongrum, R., Chhetri, B., Rani, J.W.S., Rahman, N. Yadav, A.K., Nongkhlaw, R.	Synthetic Communications	2019	72	5	TAYLOR FRANCIS, United States
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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	100	215	57	42
Presented papers	73	97	26	25
Resource persons	28	61	32	21

[View File](#)

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Mr. Samar Jyoti Hazarika, Department of Energy Engineering	Development program for NEEPCo Executive to build their technical competencies for higher positions with special focus on web leaning programmes.	NEEPCO, Ministry of Power, Government of India.	2.54
Architecture	Preparation of the Detailed Project report for Designing the Proposed Residential School at Pdengsakhap, under Amlarem Sub Division for the Directorate of Education, Government of Meghalaya, Shillong	Education Department Government of Meghalaya.	4.5
Architecture	Preparation of the Detailed Project report for	Education Department Government of	2.5

	Designing the Proposed School at Nongtalang, under Amlarem Sub Division for the Directorate of Education, Government of Meghalaya, Shillong	Meghalaya.	
Architecture	Preparation of the Detailed Project report for Designing the Proposed Eklavya Residential School at Ri Bhoi District, for the Directorate of Education, Government of Meghalaya, Shillong	Education Department Government of Meghalaya.	15
Architecture	Preparation of the Detailed Project report for Designing the Proposed Eklavya Residential School at East Garo Hills District, for the Directorate of Education, Government of Meghalaya, Shillong	Education Department Government of Meghalaya.	15
Architecture	Preparation of the Detailed Project report for Designing the Proposed Transit Camp at Garo Hills District, for the Directorate of Labour, Government of Meghalaya, Shillong	Labour Department Government of Meghalaya.	3.5
Architecture	Preparation of the Detailed Project report for Designing the Proposed Transit Camp at Jaintia Hills District, for the Directorate of Labour, Government of Meghalaya, Shillong	Labour Department Government of Meghalaya.	3.5
Architecture	Preparation of	Labour Department	3.5

	the Detailed Project report for Designing the Proposed Transit Camp at Khasi Hills District, for the Directorate of Labour, Government of Meghalaya, Shillong	Government of Meghalaya.	
Mr. Samar Jyoti Hazarika, Department of Energy Engineering	Internal Auditors on Integrated Management system (ISO 9001, 14001 18001)	NEEPCO, Ministry of Power, Government of India.	1.65

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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
No Data Entered/Not Applicable !!!				
No file uploaded.				

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
Science Education and Motivational Programme	The Chemistry Club, Department of Chemistry, North-Eastern Hill University, Shillong.	4	25
Development of Sanitization tunnel	NEHU, NEIGHRIMS and RGU, Assam	6	15
Development of de-COVID Sanitizer	NEHU, NEIGHRIMS and RGU, Assam	5	10
IPR Awareness	Ph.D Chamber of Commerce Industries and Controller General of Patents, Designs and Copyrights	15	44
Blood Donation	National Service Scheme	1	80
Tree plantation and cleaning drive at NEHU	National Service Scheme	1	67
Cleaning Drive	NSS in	1	20

	collaboration with NEHU and Nongsangu Dorbar Shnong		
Regular Activities and Special Camping	Meghalaya AIDS Control Society, Regional Blood Bank, Pasteur Institute, Nazareth Hospital, Dr. H. Gordon roberts Hospital, NEIGRIHMS, Village Dorbar	83	18500
Community extension Program for primary data collection on indigenous Language of Meghalaya	Department of Linguistic NEHU, Shillong and Chulalonglorn University, Bangkok	4	20
Sensitisation Workshop on Higher Studies in the Universities of the U.K.	NEHU in collaboration with British Council of India, Kolkata	3	110
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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
University Level NSS Award (NEHU)	Best NSS Unit , Programme Officer , Volunteers	NSS Cell, NEHU	8
Biotech Hub	NIL	DBT, Govt. of India, New Delhi	81
View File			

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
National Service Scheme	Meghalaya AIDS Control Society, Regional Blood Bank, Pasteur Institute, Nazareth Hospital, Dr. H. Gordon Roberts Hospital, NEIGRIHMS,	Regular Activities and Special Camping	83	18500

	Village Dorbar, District Admini strations, District Health Medical Offices, Civil Defence, RGNIYD, NCC etc			
Swachh Bharat	NEHU, Shillong	Cleaning Drive	6	101
Gender Issues	NEHU, Shillong	Lecture	Nill	8
Library Orientation	NEHU, Shillong	Lecture	Nill	55
World Environment Day	Zoonic Society of Department of Zoology	Plantations,A wareness through Lectures and Interactions on Campus	13	62
UGC-HRDC	UGC-HRDC, 48th Orientation Programme	Swachh Bharat Abhiyan	1	36
Rathadan	Meghalaya Aids Control Society	Blood Donation	Nill	1
Flagship Programme	AIMA-GMA	Shaping Young Minds Programme	4	50
Social work	NEHU,TURA CAMPUS	150th Birth Anniversary of Mahatma Gandhi cum Exhibition (Programme participated)	2	31
Social work	Tura Civil Hospital and District Health Medical Programme (DMHP)	World Mental Health Day (Programme participated)	1	31
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
A collaborative programme Exploration of genomic-wide polymorphism, imprintomes and	Department of Botany and University of Delhi	DBT, (NER-BPMC), Govt. of India, New Delhi. Twinning Project Sanction No .BT/PR16385/NER/95/ 124/2015 dated:	1096

methyloles to unfold the genetic, epigenetic and evolutionary mysteries of basal angiosperms with emphasis on Nymphaea L.		09/11/2016)	
Non-Timber forest products used by local tribes in Meghalaya: database, distribution and capacity building.	Prof. Uma Shankar (PI)	GBPI/IERP (MoEFCC), Almora (Rs. 13.3628 Lakh vide letter no. GBPI/IERP/17-18/55/ dated 26.03.2018	1096
A Multi-institutional Networking Project entitled "Bioresource and sustainable livelihoods in North East India: Component 1: Inventories and mapping of bioresources in North East India, Sub-project 17: Quantitative assessment and mapping of the diver	Prof. Uma Shankar (Co-I) Dr. S.R. Hajong (PI)	DBT, New Delhi (Rs. 69.74 Lakh vide letter no. BT/01/17/NE/TAX dated 29.03.2018 (Rs. 19.616 Lakhs)	1096
Academic collaboration for preparing online multilingual dictionary	Prof S.K.Singh	Bangkok	7
Collaborative activities for research	Dr.B.F. Lyngdoh as Member of Tourism Research Team in the Collaboration between Social Research Institute, Chulalongkorn University, Bangkok and North-Eastern Hills University, Shillong	NEHU, Shillong and Chulalongkorn University, Bangkok	365
Writing papers	Prof Tom D. Brutsaert and Dr. Abigail Bigham	Syracuse University, USA and Michigan University, USA	1461
Research	Prof Vitalie Faoro	Universite Libre de Bruxelles,	365

		Brussels, Belgium	
Chemical Ecology of the North East Region (NER) of India: A Collaborative Programme Linking NER and Bangalore Researchers	Prof. N.K. Chrungoo (PI)	DBT- NER/Agri/24/2013	1826
Fungal and mycotoxin contamination of stored maize (Zea mays Linn) samples in Meghalaya and antimicrobial and mycotoxin inhibitory efficacy of some biocontrol agents and essential oils of traditionally used medicinal plants of the region".	M.S. Dkhar (PI), H. Kayang (Co-I) Collaborators Prof. N.K. Dubey (PI); Dr.BhanuPrakash (Co-I), BHU	DBT, New Delhi (NER-BPMC), Govt. of India, New Delhi Twinning Project Sanction No BT/01/17/NE/TAX, dated 29.03. 2018 (Total 75.542 lakhs)	1096
A Multi-institutional Networking Project on Bioresource and sustainable livelihoods in North East India	Department of Botany and Pune, Assam, ATTRI, Manipur etc.	DBT, New Delhi	1096
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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
Industry-academia	Internship	ONGC, JORHAT OIL, DULIAJAN NEEPCO, SHILLONG NUMALIGARH REFINERY LTD, GOLAGHAT CO-OPERATIVE BANK LTD, MANIPUR CENTRAL BANK OF	20/12/2019	05/02/2020	28

		INDIA, MEGHALAYA RURAL BANK, SHILLONG APEEJAY TEA GROUP, MIZORAM RURAL BANK, YVU FINANCIAL PRIVATE LIMITED SYSARKS TECHNO			
Project Work	Attitude Towards Inclusive Education with special reference to the challenged children in the schools of Ri-Bhoi District in Meghalaya: Dr S.R.Joshi	University of science and Technology M eghalaya, Bar idua, Ri- Bhoi District, Meghalaya	31/03/2020	30/09/2020	0
Industry Academia	Internship	Meghalaya Tourism, Shillong India Tourism, Shillong Meghalaya Basin Development Hotel Polo Tower, Shillong Sikkim Tourism, Gangtok Cox and King Guwahati Jiva Resort, Sohra Van Rap Travel Agency, Shillong Hotel Orchid Lake, Umiam Shillong, Shillong A	01/01/2020	29/02/2020	30
Internship	Science Academies, Summer	Plant Biot echnology Laboratory	07/05/2019	24/06/2020	1

	Research Fellowship	Department of Biotechnology Bioinformatics, North-Eastern Hill University, Shillong			
Sharing of research facilities	PhD. Morpho-Biochemical and Molecular Characterization of Musa species in Garo Hills, Meghalaya	Plant Biotechnology Laboratory Department of Biotechnology Bioinformatics, North-Eastern Hill University, Shillong	07/11/2019	08/01/2020	1
Project Work	A Study on factors Influencing Teacher Absenteeism in the North Eastern States of India: Prof B.P Sahu	North Eastern Hill University, Shillong, Meghalaya	31/03/2020	30/09/2020	0
Project Work	Training Needs of Teachers: Towards Achieving Quality of Education in the light of Technological Innovations: Dr S. Kumar.	M.S. University, Baroda	31/03/2020	30/09/2020	0
Sharing of research facilities	Whole Genome and Transcriptome Changes as a consequences of allo and auto polyploidy in Vigna L Phase II	Dr Shailendra Goel Department of Botany, University of Delhi, North Campus C.No: 011-27662609	02/09/2019	24/09/2019	2
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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
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			students/teachers participated under MoUs
University Grants Commission, New Delhi	16/01/2020	To ensure the Implementation of Guidelines in its letter and spirit for subjecting academic audit and periodic review pivotal to continuance of the respective HRDC	3
Tripartite MOU: 1.University Grants Commission, 2.Human Resource Development Centre, NEHU,3. Educational Multimedia research Centres (under consortium for Education Communication)	16/01/2020	Concerning Cooperation in providing oppurtunities for teachers within the framework of knowledge society for continual adaptation of modes of teaching and learning	3
NEIGRIHMS	25/04/2019	IMPRINT-2 Project Collaboration	3
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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
No Data Entered/Not Applicable !!!	

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	18.11	2012

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Text Books	297379	34668820	Nill	Nill	297379	34668820
Journals	846	29905073	Nill	Nill	846	29905073
e-Journals	3668	26529223	3184	22060867	6852	48590090
Digital Database	17	10940640	3	2431767	20	13372407
CD & Video	1945	Nill	172	Nill	2117	Nill
Others(s pecify)	115	156934	Nill	Nill	115	156934
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	18	0	1	517	0	0	0	1	0
Added	0	0	0	0	0	0	0	0	0
Total	18	0	1	517	0	0	0	1	0

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

1 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
Wi-Fi connection	www.nehu.ac.in
DBMS-II and Computer Graphics	https://www.youtube.com/watch?v=8Go07Dk9cI4

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 incurredon maintenance of physical facilities
2.3	0.57	0	1.63

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)

No Data Entered/Not Applicable !!!

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	Students Aid Fund	66	264000
Financial Support from Other Sources			
a) National	Nill	Nill	Nill
b) International	Nill	Nill	Nill
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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 implemetation	Number of students enrolled	Agencies involved
6th International Yoga Day	21/06/2020	4661	University
Agripreneurship and Soft Skills Development Programme	25/02/2020	100	Future Icons, New Delhi
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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	Placement and Counselling	28	28	5	5
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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
Nill	Nill	Nill

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
BYJUS Bangalore	30	1	Infosys	1	1
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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
2019	1	M.Sc	Statistics	NEHU	M.Phil
2019	9	M.Sc	Biotechnology & Bioinformatics	IIT-G, CSIR-IGIB, ISBD, CSIR-NEIST, WBUAFS, ZoomRx Health care (P) Ltd, NEHU	Ph.D, Project JRF, Subject Matter Expert
2019	1	MA	RGU Arunachal	Department of Political Science, NEHU	PhD
2019	1	M.A	History	NEHU, Shillong	PhD
2020	3	M.Tech	Information Technology	Tezpur University	PhD
2019	3	M.A	Adult and Continuing Education, NEHU, Shillong	NEHU Shillong	PhD
2019	1	M.Phil	History	NEHU, Shillong	PhD
2019	5	M.A	Department of Political Science, NEHU	Department of Political Science, NEHU	PhD
2019	1	M.Phil	University of Calcutta	Department of Political Science, NEHU	PhD
2019	4	M.Com	Commerce	NEHU	PhD
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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
GATE	19
SLET	1
NET	90
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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
Zumba Dance 90	Intra University	100
Badminton (Men) 90	Inter Collegiate	96
Badminton (Women) 90	Inter Collegiate	48
Table Tennis (Men) 90	Inter Collegiate	54
Table Tennis (Women) 90	Inter Collegiate	30
Chess (Men Women) 90	Inter Collegiate	56
Cross Country (Men) 90	Inter Collegiate	80
Cross Country (Women) 90	Inter Collegiate	48
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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	02 Nos Broze Medal	National	2	Nill	ID Card No.LLB/01/19 ID Card No.0600	Mr. Hame Shaniah Suiam and Mr. Ioonis Mynsong
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Every year students through their Students Council organize welcome programme for Freshers, farewell programme for outgoing students, annual sports and cultural activities. They also organise Swachh Bharat Abhijan and join in various University level programmes like celebration of Independence Day, Republic Day, Gandhi Jayanti, World Environment Day.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The University has Alumni Association called "North-Eastern Hill University Alumni Association (NEHUAA)" constituted in 2014 which has its constitution approved by the Academic Council of the University. It is not separately registered under the Societies Act as it functions under the purview of the University Statutes and Ordinances. The new Executive Body of the Alumni Association was elected on the 23rd of October, 2019. The Executive Committee

decided to convene the GBM proposing to undertake adoption of a village for undertaking social work and to expand deeper the grassroots connect between the stakeholder of the University and the community. It also proposed to prepare a blueprint to support students from the under-privileged children in their pursuit of higher education besides organising seminars, symposiums and conferences and to undertake an extensive membership drive to expand the membership of the Alumni Association. But in view of the outbreak of the COVID-19 pandemic, and the closure of the University since the 17th of March, it was neither possible to go ahead with the GBM or undertake and implement any other proposed community development programme by the Association. However due to the persistence of the pandemic situation and the accompanying restrictions, the decisions taken by the Association could not be implemented despite the earnest desire of the Executive Members.

5.4.2 – No. of registered Alumni:

156

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

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)

We have different Academic and Administrative Bodies such as Academic Council (AC), Board of Research Studies (BRS), School Board (SB), Board of Studies (BOS), Executive Council (EC) and University Court (UC) in place. These bodies help in taking decisions using participatory approach.

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

Yes

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	The Advertisement for Admission is given in the University website during the month(s) of June- July each year. Admission to Ph.D. Programme is given in the University website during the month(s) of July-August each year.
Industry Interaction / Collaboration	The Department of Adult and Continuing Education for Extension and Field Outreach Programmes have networking role with colleges and collaborations with Governmental and Non-Governmental Agencies.
Library, ICT and Physical Infrastructure / Instrumentation	The Department has a Departmental library, two classrooms, one Research Scholar's Room, one E-Learning Room, ten rooms for the teaching and non-

	teaching staffs, an office, head's room and a store room. One classroom has also been allotted to the department in the Social Sciences Cluster Classroom.
Research and Development	Thrust areas of Research in the Department include Migrant workers, Health and Education, Women Empowerment, Literacy , Post Literacy and Continuing Education, Study on the Aged, Guidance and Counselling, HIV/AIDS, Mass Media, Vocational Training, Skill Development, Family Life Education, Substance Abuse, Rural Tourism, Health, Challenged/Differently Abled, Environment, Social Security. Currently, the department has twenty seven ongoing research scholars pursuing research in different fields.
Examination and Evaluation	End Semester Exams for M.A. are held in the months of June and December every year. Ph.D. Coursework Exam is held in the month of June each year. Teacher Evaluation is done once a year and Students are evaluated through class tests which are conducted four to five times per semester. Besides this, students are also evaluated through group discussion sessions, seminars and classroom presentations.
Teaching and Learning	Use of PowerPoint in classrooms and access to the E-learning lab and internet facility for students and teachers. Since the initiation of Lockdown resulting due to the pandemic, teachers and students have been actively participating in online mode of teaching and learning.
Curriculum Development	The Curriculum /Syllabus were framed in consultation with the: (i) Members of the Steering Committee (Three members outside university Professors from Adult and Continuing Education /Board of Studies. (ii) School Board and (iii) Academic Council (iv) National Workshop on Revision of M.A. Syllabus in Adult and Continuing Education on 3rd and 4th October 2012 The guidelines for development of the Syllabus/Curriculum were taken from UGC syllabus on Adult and Continuing Education and UGC NET Syllabus.

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

E-governance area	Details
Planning and Development	Yes

Administration	Yes
Finance and Accounts	Yes
Student Admission and Support	Yes
Examination	Yes

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	Dr. L. Robindro Singh	International Conference on Luminescence and Application	NEHU, Shillong	38000
2019	Dr. S. Dutta	Intl Conference on math.modelling at JECRC, Jaipur	U.G.C.-SAP (DRS-II)	12286
2019	Dr. A.T Singh	Intl Conference on math.modelling at JECRC, Jaipur	U.G.C.-SAP (DRS-II)	12286
2019	Dr. A.M. Buhphang	Intl. Conference on Math. modelling at JECRC, Jaipur	U.G.C.-SAP (DRS-II)	12286
2020	Dr Quendarisa Kharbuli	National Seminar on Empowerment of Tribal Women in India: Issues, Challenges and perspective	Sponsored by National Commission for Women, New Delhi	11900
2019	Dr. Meera Ch. Das	The 56th Annual Meeting of the Society for Cryobiology held in San Diego, July 22-25, 2019 conducted by International Society for Low Temperature Biology and Medicine, Society for Cryobiology on	International Society for Low Temperature	172500

		the topic "Cryo preservation: an approach for long-term		
2019	Prof. D.Bhattacharjee	13th Conference of the Murshidabad Math. Society at Berhampore, Murshidabad, W.B	U.G.C.-SAP (DRS-II)	5573
2019	Dr. A.M. Buhphang	Intl Conference on Recent advances in math at Tripura University.	U.G.C.-SAP (DRS-II)	9000
2019	Dr. A.T Singh	Intl Conference on Recent advances in math at Tripura University.	U.G.C.-SAP (DRS-II)	9000
2019	Dr. S. Dutta	Intl Conference on Recent advances in math at Tripura University.	U.G.C.-SAP (DRS-II)	9000
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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	Short Term Course in Research Methodology for Basic Sciences	NIL	27/05/2019	01/06/2019	27	Nil
2019	Short Term Course in Research Methodology for Social Sciences	NIL	27/05/2019	01/06/2019	36	Nil

2019	48th Orientation Programme	NIL	24/06/2019	14/07/2019	36	Nill
2019	Special Summer School in Basic Science and Technology	NIL	08/07/2019	21/07/2019	34	Nill
2019	Short Term Course in SPSS	NIL	02/09/2019	07/09/2019	36	Nill
2019	Refresher Course in Folkloristics and Semiotics	NIL	16/09/2019	29/09/2019	37	Nill
2019	Short Term Course in Soft Skills	NIL	23/09/2019	28/09/2019	34	Nill
2019	Training programme on usage of UMS (University Management System) facility	Training programme on usage of UMS (University Management System) facility	25/07/2019	25/07/2019	Nill	1
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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
UGC-SWAYAM ONLINE Certificate Course on Academic Writing with 94 score in the final proctored examination offered by HNB Garhwal University (A Central University)	1	15/07/2019	26/10/2019	118

Uttarakhand.				
Self-Learning Online Course on Understanding Open Educational Resources, offered by the Commonwealth of Learning, British Columbia, Canada, on	1	05/11/2019	05/11/2019	1
Workshop on MOOCs organized by the UGC-Human Resource Development Centre, NEHU, Shillong	1	02/12/2019	07/12/2019	6
FDP (ATAL) on Robotics	1	04/11/2019	08/11/2019	5
FDP (ATAL) on Energy Management and Audit	2	14/10/2019	18/10/2019	5
Refresher Course on Machine Learning	2	29/01/2020	11/02/2020	14
Online Refresher Course in Chemistry for Higher Education (ARPIT)	1	01/09/2019	31/12/2019	122
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
310	310	47	47

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Faculty Up gradation Program, quarters in the Campus with telephone and internet facilities, transport facilities, sports and game	Quarters in the Campus with telephone and internet facilities, transport facilities, sports and game facilities, gymnasium,	For students there are 24 hostels accommodating 2092 students in the Campus with dining facilities including one hostel exclusively for

<p>facilities, gymnasium, health center, maternity leave, paternity leave, child care leave, and many other facilities in accordance with UGC guidelines and Government of India rules. Health Centre has 3 doctors with necessary supporting staff and an ambulance to provide 24 hours' service. It provides free medicines. It has a pathological and biochemical lab for conducting primary investigations of blood, stools and urine of patients. It has also a physiotherapy center. The employees are referred to authorized multi-specialty hospitals during emergency and for diseases which can't be treated in health center. There are in total four guest houses, two in the Shillong Campus, one at Tura Campus and one at Guwahati Airport Area which are available not only for University guests but also for teachers and their relatives.</p>	<p>health center, maternity leave, paternity leave, child care leave, and many other facilities in accordance with UGC guidelines and Government of India rules. Health Centre has 3 doctors with necessary supporting staff and an ambulance to provide 24 hours' service. It provides free medicines. It has a pathological and biochemical lab for conducting primary investigations of blood, stools and urine of patients. It has also a physiotherapy center. The employees are referred to authorized multi-specialty hospitals during emergency and for diseases which can't be treated in health center.</p>	<p>International Students. Hundred percent of P.G. students, M. Phil. and Ph.D. scholars are provided with one scholarship or the other.</p>
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6.4 – Financial Management and Resource Mobilization

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

University conducts internal audit through various Board of Studies, School Board, Academic Council and Audit Officer. It also undertakes external audit through CAG and through various external members of Statutory Bodies 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 funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
No file uploaded.		

6.4.3 – Total corpus fund generated

61000000

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	Audit Section, NEHU, Shillong	Yes	UGC, New Delhi
Administrative	Yes	Audit Section, NEHU, Shillong	Yes	UGC, New Delhi

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

The University does not have any Constituent College. College Development Council (CDC) functions as an intermediary between University and affiliated Colleges. CDC acts as a liaising body for the UGC in guiding the affiliated Colleges. Syllabus of UG Colleges is prepared by the University through academic bodies such as Board of Studies and Academic Council which have good faculty representations from Colleges on rotation basis. Appointments of faculty members are made in Colleges through Selection Committees constituting Experts not only from University, Governing Body of College and nominee of Director of Higher Education of the concerned State Government but also faculty members from College.

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

NIL

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

The University regularly conducts training program for non-teaching staff including security staff to upgrade their knowledge, skill and expertise with the functioning of official procedures/security issues including use of computers. They are also provided short term training to learn Hindi as a spoken language and are encouraged to participate in various programmes like Hindi Poem Recitation, Hindi Debate, etc. on the occasion of Hindi Day Pakhwada. Many community development programs like cultural functions, picnics, games and sports are organized by NEHU for the support staff and their family members.

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

NIL

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	No

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	National Awareness Workshop on	08/08/2019	08/08/2019	09/08/2019	56

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
National Webinar on Gender Sensitisation with reference to Sexual Harassment Act 2013	01/09/2020	01/09/2020	132	43

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
<p>Majority of Departments run courses dealing with environmental awareness. A sizeable number of Research Scholars in different Departments have been undertaking research relating to environmental issues at M.Phil. and Ph.D. levels. Tree plantations in the Campus are made by NSS on regular basis. Cleanliness drives are undertaken by the students of various Departments and by NSS on regular basis. Programmes are organized from time to time by Departments for cleanliness on Swachh Bharat Abhiyan (Clean India Campaign). One faculty of the Department of Environment acted as a Resource person for One day Inter College Seminar entitled "Climate change: Adaptation Mitigation" and delivered a lecture entitled "Global warming Climate Change" on 27th August 2019 at St. Dominic's College, Shillong. Another faculty delivered an invited talk on "Environmentally Sound Management of E Waste" at National Institute of Electronics and Information Technology (NIELIT), Shillong on 13th February 2020.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	No	Nil
Provision for lift	Yes	5000
Ramp/Rails	Yes	12
Braille Software/facilities	No	Nil
Rest Rooms	No	Nil
Scribes for examination	No	Nil
Special skill development for	No	Nil

differently abled students		
Any other similar facility	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nil	27	22/12/2019	189	NSS Special Camping	Rural technologies, health sanitation and hygiene, disaster management, environmental issues etc.	3000
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)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Republic Day	26/01/2020	26/01/2020	425
Tree Plantation on World Environment Day	05/06/2020	05/06/2020	820
Yoga Camp on International Yoga Day	21/06/2020	21/06/2020	150
Run on University Foundation Day	17/07/2019	17/07/2019	630
Independence Day	15/08/2019	15/08/2019	345
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Green Campus: Tree plantation programs are regular in nature in the Campus.

Water harvesting: There are two water ponds for water preservation and prevention of soil erosion.

Clean Campus: • Centralized garbage collection arrangements have been made with Shillong Municipal Board. Dustbin Pits have been constructed at various places in the Campus and regularly renovated and

painted. • Hostels are advised from time to time by Dean of Students Welfare not to use plastic cups and glasses while serving food. Guest House and Canteens are also advised not to use paper plates, plastic cups and glasses. • Students, staff and faculty are sensitized to put off lights, fan, AC, water tap, etc. before leaving the building and water tap after use. • Garbage disposal system is in place. • To reduce electricity bills fluorescent and LED bulbs are used in street lighting.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Extensive use of ICT facilities by the faculty members as well as P.G. students and Research Scholars provided in the class rooms and seminar halls.
2. Maximum use of the non-conventional energy such as solar and wind energy in the administrative buildings, for street lighting, basketball court, etc. in the campus.

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

<https://www.nehu.ac.in>

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

STRENGTHS 1. Multimedia and Smart Class Rooms 2. Cooperation from Students, Staff and Faculty 3. Students from different Ethnic Tribes and States 4. Interdisciplinary Subjects WEAKNESS 1. Faculty Strength 2. Inadequate Funds for Infrastructure OPPORTUNITIES 1. Technology based Development of Agro-based Products in N.E. Region 2. Collaboration with Government Departments, Public Sector Companies and Local Industries. 3. Protection and Nurturing Bio-Diversity of the N.E. Region CHALLENGES 1. High Student-Teacher Ratio 2. Competition with Private Universities 3. Resource Crunch 4. Poor Infrastructure in newly established Departments.<https://www.nehu.ac.in>

Provide the weblink of the institution

<https://www.nehu.ac.in>

8.Future Plans of Actions for Next Academic Year

Intensification of online payment system for students, staff and faculty members. Strengthening of online process of admission, examination and publication of results. Completion of all pending cases of CAS promotion. Direct recruitment of faculty, statutory officers, etc of vacant positions.