

TO BE READ ALONGWITH ITEM NO: 5: 5: 1  
LIND PART AGENDA

NORTH EASTERN HILL UNIVERSITY STUDENTS' UNION  
MAYURBHANJ COMPLEX, NONGTHYMMAI, SHILLONG  
793014

Tele: 231946

Gram: NEHUSU

Ref. \_\_\_\_\_

Date 06-06-2002.

To

The Vice-Chancellor,  
North-Eastern Hill University,  
Shillong.

Sub:- Plea for the review of fees structure.

Sir,

The Union along with the class representatives of all the Departments in a meeting held earlier viewed with great concern over the sudden enhancement of fees structure. This enhancement of fees in most cases also have been more than two hundred percent which the students were very unhappy because it will have an adverse effect on them especially those coming from poor family background.

So on behalf of the NEHUSU we would kindly request you to please put this before the upcoming Academic Council meeting to review the newly amended fees, so it can be reasonable like say not exceeding twenty five percent.

In view of the above, we humbly place before you this plea and we have the honour to ask for your intervention so that the future of our students especially those coming from the poor backgrounds will not be affected. We sincerely, hope that you will help us by doing the needful.

Thanking you,

yours faithfully

Sd/-

( Terry Lyngdoh )  
President,  
N.E.H.U.S.U.

PART II AGENDA PAPERS OF THE 67TH MEETING OF THE ACADEMIC COUNCIL TO BE HELD ON 13TH AND 14TH, JUNE '2002.

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Item No.2 - REPORTING ITEMS.

- (i) Replacement of the Paper-'Man and Environment' by 'Pre-historic Archaeology'.

The Chairman of the BUGS in Anthropology, Prof.H.Lamin, Department of Anthropology, NEHU, vide his letter No.Anth-2/UL-CF/2000/02-362 of 17th May, 2002 and even No.370 of 27th May, 2002 has forwarded an extract from the minutes of the meeting of the BUGS in Anthropology held on 17-11-2000 with a request to report the matter relating to replacement of the Paper-"Man and Environment" by" Pre-historic Archaeology".

The letter and the extract referred to above are placed as annexure-'A' 'B' & 'C'.

The matter is reported to the Council for information.

DEPARTMENT OF ANTHROPOLOGY  
NORTH EASTERN HILL UNIVERSITY  
SHILLONG

NO.Anth.2/UL-CF/2000/02-362

Dated, 17th may,2002

To,

The Asstt.Registrar(Conf)  
North-Eastern Hill University,

Sur:- Replace of Paper Man and Environment with Pre-  
historic Archaeology.

Sir,

I am sorry to mention here that the replacement for this paper has not been reported in the Academic Council in the last two years whereas the BUGS have resolved that there will be a necessary change and replacement of this paper. A discussion have been held between the Head of Department and the Vice-Chancellor that it could be taken as a reported item in this forth coming Academic Council, as it is of now this paper is to be intorduce in the under-graduate and graduate level.

Thanking you,

Yours faithfully

Sd/-

(Dr. H. Lamin)  
Professor & Head,  
Deptt. of Anthropology,  
NEHU, Shillong.

2:1(3)

Annexure-'A'

Annexure-'B'

DEPARTMENT OF ANTHROPOLOGY  
NORTH EASTERN HILL UNIVERSITY  
SHILLONG

No.Anth.2/UL-CP/2000/02-370

Dated 27th May, 2002.

To,

The Asstt.Registrar(Conference),  
North-Eastern Hill University,  
Shillong.

Sub:- Replacement of 'Man & Environment' with 'Pre-  
historic Archaeology' as IIIrd year BA/B.Sc Gen.  
paper.

Ref:- Our letter No.2/UL-CP/2000/02-362, dated.17.5.2002.

Sir,

I hereby enclosed the minutes of the BUGS meeting  
in Anthropology held on 17.11.2000 in which the replac-  
ement of the above course was approved. Kindly do the  
needful at your end.

Thanking you,

Yours faithfully,

Sd/-

( Prof. H.Lamin)  
Department of Anthropology,  
NEHU, Shillong.

Encl: a.a.  
Professor & Head,  
Dept. of Anthropology,  
NEHU, Shillong.

2: 1(4)

Annexure-'C'

MINUTES OF THE BUGS MEETING HELD ON 17-11-2000

1. The Chairman welcome all the members for the meeting.
2. The members have agreed to introduce the paper viz. Pre-historic Archaeology in lieu of Man and Environment.
3. The members approved the modification of the syllabus.
4. The error of printing 60 marks may be read as 30 marks.
5. The chairman gave a vote of thanks to all the members.

Sd/-

H.Lamin  
Chairman & Head,  
Deptt. of Anthropology.

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Item No:3 - Ratification of Action taken by the Vice-Chancellor.

i) Panel of Examiners for Ph D/M Phil

The respective School Board considered and approved the panel of Examiners and the matter is placed before the Council.

<u>Sl.No:</u>	<u>Name of the Candidate</u>	<u>Department</u>	<u>Degree</u>
1.	Mr Dainingstar Marngor	- Zoology	- Ph D
2.	Mr Richard M Lyngdoh	- Zoology	- Ph D
3.	Mr Alison Pearl Sooting	- Botany	- Ph D
4.	Mr M Khongsai	- Botany	- Ph D
5.	Mr R Lalfakzuala	- Botany	- Ph D
6.	Mr Hiranjit Choudhury	- Botany	- Ph D
7.	Mr Ratnadeep Roy	- Physics	- Ph D
8.	Ms Simi Das	- Chemistry	- Ph D
9.	Mr S C Katiyar	- Chemistry	- Ph D
10.	Mr A Tiken Singh	- Mathematics	- M Phil
11.	Mr Sailenstar Khongsit	- - do -	- M Phil
12.	Mrs C Sangluaii	- English	- Ph D
13.	Baby Pushpa Sinha	- - do -	- Ph D
14.	Mrs Easterborn Sutryga	- Education	- Ph D
15.	Bester Kharmawlong	- Philosophy	- M Phil
16.	Ms Nidaris Lyngdoh	- - do -	- M Phil
17.	Ms Grace Darling	- - do -	- M Phil
18.	Bendangrenla	- - do -	- M Phil
19.	Mr R Hmingthanzuala	- Political Sc.-	- Ph D
20.	Shri O J Kharपुरi	- Economics	- Ph D
21.	Shri K Z' Urag	- - do -	- Ph D

## ii) Declaration of Ph D/M Phil Results

The respective School Board considered and approved the following Ph D/M Phil results and the matter is placed before the Council for ratification.

<u>Sl No:</u>	<u>Name of Candidates</u>	<u>Department</u>	<u>Degree</u>
1.	Dimos Khyriem	Zoology	Ph D
2.	Jyotirmoy Bhattacharya	Bio-Chemistry	Ph D
3.	Devodotto Wanswett	Zoology	Ph D
4.	N K Sinha	Forestry	Ph D
5.	Christine Syngai	Zoology	Ph D
6.	Harmit Singh Ranhotra	Bio-Chemistry	Ph D
7.	Brahmachariyum Jaylota Devi	- do -	Ph D
8.	Laldinliani Hrahse	Education	Ph D
9.	Lalmasai Chuaungo	- do -	Ph D
10.	Indrani Choudhury	Philosophy	Ph D
11.	Smt Merryville Jyrwa	History	Ph D
12.	Smt Elizabeth Lalhmangaihzuali	Sociology	Ph D
13.	Shri S Nzanbemo Lotha	Sociology	Ph D
14.	Mr Zonunthara S R	Economics	Ph D
15.	Ms Jamir K S	Economics	Ph D
16.	Mr Naga Moses Mao	Library and information Science	Ph D
17.	Ms Erica Mary Jyrwa	English	M Phil
18.	Shri Wilburn S Doimary	English	M Phil
19.	Daphinda Fancon War	English	M Phil
20.	Ms Lolliona Nongsiej	Khasi	M Phil
21.	Ms Hiyo Sutnga	Khasi	M Phil

iii) Nomination of NEHU Representatives to the Governing Body of the Various Affiliated Colleges as recommended by the Dean's Committee which was held on 24.04.2002.

SL NO.	NAME OF THE COLLEGE.	NAMES OF THE NEHU REPRESENTATIVES
1.	Shillong Law College.	1) Prof. J.B. Bhattacharjee, Deptt of History. 2) Prof. A.K. Baruah, Department of Political Science.
2.	Union Christian College:	1) Prof. I. Hussain, Department of History. 2) Prof. C.R. Agera, Department of Philosophy.
3.	Bissau College.	1) Prof. R. Gopalakrishnan, Department of Geography. 2) Dr (Mrs) M. Sharma, Department of History.
4.	Sohra College.	1) The names of Prof. (Mrs) S. Miri, has been approved by the 66th A.C. meeting as one of the NEHU representatives to the Governing Body of Sohra College But due to administrative reasons Prof. J. War, Department of Linguistics has been nominated by the V.C. in place of Prof. S. Miri.

Letter No. F.1-3/Acad/D.C./2000(Vol-11)1916 dt. 9.5.'02 from the Dy. Registrar (Acad) is placed as Annexure-'A'.

The matter is placed before the Council for ratification.

No.F.1-3/Acad/D.C/2000(Vol-LL)1916

Dated 9.5.02.

To

The Director,  
College Development Council,  
NEHU, Shillong.

Sub: Nomination of NEHU representative to the Governing Body  
of affiliated colleges.

Ref: Your letter No.CDC/C-56/Dean's Committee/99-2000-2001/  
669 dt.5.12.2001 and No.CDC/C-56/D.Comm/99-2000/867  
dt.11.2.2002.

Madam,

With reference to the above, I am to inform you that the Dean's Committee in its meeting held on 24.4.2002 has approved the following names for nomination as NEHU Representatives to the governing body of the respective colleges :

1. Prof.J.B.Bhattacharjee(History) // - Shillong Law College.  
and Prof.A.K.Baruah (Pol.Science) //
2. Prof.Imdad Hussain (History) // - Union Christian College.  
and Prof.C.R.Agera (Philosophy) //
3. Prof.R.Gopalakrishnan (Geography) // - Bissau College.  
and Dr.(Mrs)Manorama Sharma (History) //

Yours faithfully,

Sd/- 8/5/02

(Deputy Registrar(Academic))

; ; ; ; ;

5:1 - Statutes/Ordinances/Regulations & Rules.

- (i) Amendment to the Admission Regulation regarding transfer of reserved seats.

According to the latest amendments to the Admission Regulation RC-1 as adopted in the 66th meeting of the Academic Council and 111th meeting of the Executive Council, the distribution of seats and transfer if unfilled, is as follows:-

- " 4.(i) Open Category - 40%  
(ii) SC/ST candidate - 50%  
(iii) Physical Challenged - 3%  
(iv) University Special Quota - 7%
7. Any or all seats under category (iv) above will stand converted to category (i) if unfilled".

Since no decision was taken about the transfer of the seats under category 4(iii) above if unfilled, the Admission Committee has recommended that these seats if unfilled be transferred to the University Special Quota. Therefore an amendment to Clause 7 is necessitated to read as under:-

- " 7. Any or all the seats under category 4(iii) above will stand converted to category 4(iv), if unfilled. Any or all the seats and converted seats of category 4(iv) will stand transferred to category 4(i), if unfilled".

Clause 7 as amended above, has been included in the Prospectus 2002-03 currently under printing.

The matter is placed before the Council for ratification.

5:1:2(1)

- ii) Framing necessary provisions under the relevant Statutes for removal of Deans of Schools, Heads of Departments/Centres etc.

The Academic Council Committee constituted vide Notification No:AC:66-4/Conf/2001-505 dated 26.2.02 which met on 9th May'02 discussed thoroughly on the above matter and the Committee submitted its report as placed at Annexure-'A'

The matter is placed before the Council for consideration.

SG

**MINUTES OF THE COMMITTEE APPOINTED BY THE  
ACADEMIC COUNCIL VIDE RESOLUTION  
No.AC:66:2001:5:1:(v) TO FRAME NECESSARY PROVISIONS  
UNDER THE RELEVANT STATUTES FOR THE REMOVAL OF  
DEANS OF SCHOOLS, HEADS OF DEPARTMENTS / CENTRES  
ETC. HELD ON 9<sup>TH</sup> MAY, 2002 IN THE CONFERENCE ROOM  
OF THE SCHOOL OF SOCIAL SCIENCES AT 1400 HOURS.**

At the outset the Chairman welcomed all the members.

The following members were present:

- |    |                   |          |
|----|-------------------|----------|
| 1. | Prof. AK Baruah   | Chairman |
| 2. | Prof.(Ms) T. Ao   | Member   |
| 3. | Prof. RS Tripathi | Member   |
| 4. | John MS Khongwir  | Convener |

The Committee after a thorough discussion decided to recommend that a Dean or Head of the Department / Centre or any other teacher holding administrative position may be removed from office on the written complaint that he / she is not fulfilling the duties and functions as laid down in the Ordinances, Regulations and Rules. The University on receipt of a written complaint shall issue a show cause notice to the Dean/Head concerned and on receipt of a reply from the Dean/Head the University shall institute an inquiry to be concluded within a reasonable time, as decided by the Vice-Chancellor. If found guilty by such an inquiry the Chairman of the Executive Council shall have the powers to remove such Dean/Head but the same shall have to be ratified by the Executive Council within a period of one month.

Sd/-  
John MS Khongwir  
Convener

Sd/-  
Prof. AK Baruah  
Chairman

5:2:1(1)

5:2 - SYLLABUS

i) Syllabus for Pisciculture - B Sc (Major)

The Board of Under-Graduate Studies in Pisciculture in its meeting held on 26th April'02 considered and approved the Syllabus for Pissiculture - B Sc(Major) which is placed as Annexure-'A'

The matter is placed before the Council for consideration.

**NORTH EASTERN HILL UNIVERSITY  
SHILLONG**

**B.Sc (Major) Pisciculture Syllabus**

YEAR	PAPER	NAME OF THE PAPER
First Year	Paper I (Theory)	Fish Biology - I
	Paper II (Theory)	Aquatic Ecology
	Paper III (Practical)	Fish Biology
Second Year	Paper IV (Theory)	Fish Biology - II
	Paper V (Theory)	Fish & Fisheries - I
	Paper VI (Theory)	Capture & Culture Fisheries
	Paper VII (Practical)	Aquatic Ecology
	Paper VIII (Practical)	Fish & Fisheries
Third Year	Paper IX (Theory)	Fish & Fisheries - II
	Paper X (Theory)	Fish Technology, Ethnology & Education
	Paper XI (Theory)	Fish Physiology, Genetics & developmental Biology
	Paper XII (Practical)	Capture & Culture Fisheries
	Paper XIII (Practical)	Fish Technology, Ethnology & education
	Paper XIV (Practical)	Fish Physiology, Genetics & developmental Biology

**SUGGESTED READING**

**NOTE:**

1. Each theory paper will carry total 70 marks
2. Each practical paper will carry total 40 marks, which will include 10 marks for internal assessment (based on, seminar, class tests, field work, project work, regular practical etc).

1. Datta Munshi J.S. and Hughes G.M. (1992). Air breathing fishes of India. Oxford & IBH, New Delhi.
2. Srivastava C.B. (1992). Fishes of India. All India Fisheries Research Institute, Allahabad.
3. Central Publishing House, Allahabad.
4. Pringlan, V.G. (1993). Fish and Fisheries of India. Hindustan Publishing Co-operation (India) Delhi - 7.
5. Kalye, H.M. (1993). Biology of Fishes. Daya Publishing House, New Delhi.
6. Black, K.D. and Pickering, A.D. (1998). Biology of Farmed Fish. Sheffield, Academic Press.
7. Desilver, S. and T.A. Andersen (1992). Fish Nutrition in Aquaculture. Chapman & Hall.



5:2:1(4)

Ist Year B.Sc (Major)

Paper – II (Theory)

Time: 3 hours

**AQUATIC ECOLOGY**

Full marks: 70

- Unit 1: Aquatic Ecosystem:**  
Global distribution of water and hydrological cycle. Diversity of aquatic ecosystems, (fresh-marine and estuarine). Difference between lentic and lotic environments. Composition of aquatic communities, Adaptations in lotic communities.
- Unit 2: Physico – Chemical Characteristics of water:**  
Temperature, Light, pH and Dissolved oxygen as ecological factors. Thermal stratification and overturn. Biogeochemical cycling of carbon, phosphorus, nitrogen, sulphur and silica in aquatic ecosystems. Effect of trace elements in the aquatic ecosystems.
- Unit 3: Trophic Dynamics – I:**  
Law of entropy, food chains, energy flow and trophic relationship in lentic and lotic biotopes. Biological productivity-basic concepts, methods of estimation of primary productivity and secondary productivity.
- Unit 4: Trophic Dynamics – II:**  
Eutrophication, causative factors, consequences and control. Physico-chemical and Biological differences between oligotrophic and eutrophic waters. Effluent management in an aquatic ecosystem.
- Unit 5: Aquatic pollution:**  
Aquatic pollution and its types-biological, chemical, thermal and industrial. Impact of water pollution on aquatic communities and its control measures. Bio-indicator species. Concepts of Bio-monitoring w.p.r to aquatic biota.

**SUGGESTED READINGS**

1. Schowerbil, J & Hemmings, B(1991): Hand Book of Limnology, Scientific Publishers, Jodhpur
2. Jhingran, V G (1993): Fish and Fisheries of India  
Hindustan Publishing Corporation (India), Jawahar Nagra, Delhi – 110 007
3. Santhanam R, Velayatham & Jegathersan P.G. (1990): A manual of Fresh water Ecology.  
DayaPublishing House, Delhi – 110 006
4. Lagler, K F (2<sup>nd</sup> edition): Fresh water fishery Biology.  
W M C Brown Company Publishers, Dubugur, IOWA
5. R J Wootton (1989): Ecology of teleost fishes, Chapman & Hall, London
6. Boyd, C E Tucker, C S (1998): Pond aquaculture water quality management.  
Kluwer Academic Publishers.
7. Alex Midlen & Theresa A (1998): Environmental Management of Aquaculture (Fish edition), Chapman & Hall, London

(5:2:1(5))

1st Year B.Sc (Major) Paper – III (Practical) Time: 3 hours

Full marks: 70 FISH BIOLOGY Full marks: 40

**PART – A : Practical examination (marks : 30)**

1. Identification and classification of fresh water (including cold-water), brackish water and marine fish species.
2. Identification of prawns (fresh and brackish water) and common mollusks
3. Analysis of morphometric and meristic variations in natural fish populations.
4. Dissections (Accessory respiratory organs, Air-bladder, Weberian ossicles, Efferent & Afferent branchial vessels, Digestive system and Gonads).
5. Viva – Voce
6. Laboratory note book

**DISTRIBUTION OF MARKS**

- |  |    |
|--|----|
| 1. Identification and classification of fish / prawns / molluscs | 80 |
| 2. Morphometric and meristic analysis / dissections              | 70 |
| 3. Dissection  | 70 |
| 4. Viva – Voce   | 40 |
| 5. Lab. Note books   | 40 |

**PART – B: Internal Assessment (marks – 10)**

1. *Environmental Management of Aquaculture* (Fish edition), Chapman & Hall, London
2. *Ecology of teleost fishes*, Chapman & Hall, London
3. *Fresh water fishery Biology* (2<sup>nd</sup> edition), W M C Brown Company Publishers, Dubuque, IOWA
4. *Fresh water fishery Biology*, Dey Publishing House, Delhi - 110 006
5. *A manual of Fresh water Ecology*, Santanam R, Velayutham & Jegatheesan P.G. (1990)
6. *Pond aquaculture water quality management*, Boyd C H Tucker, C.S (1998)
7. *Environmental Management of Aquaculture* (Fish edition), Chapman & Hall, London

IInd Year B.Sc (Major)

Paper – IV (Theory)

Time: 3 hours

## FISH BIOLOGY – II

Full marks: 70

- Unit 1. Food and Nutrition:**  
Natural food of fishes, feeding habits and feeding adaptations. Nutrition and energetic of fishes – larval nutrition and brood stock nutrition. Artificial and supplementary food composition and its importance. Nutritional and medicinal value of fishes.
- Unit 2. Circulation and Respiration:**  
Heart – structure and function of heart, blood vessels and mechanism of circulation. Structure and function of gills. Mechanism of respiration. Accessory respiratory organs in different air-breathing fishes. Air bladder and its function.
- Unit 3. Reproductive organs and Excretory organ:**  
Reproductive organs (ovary and testis) structure and function. Histology of gonads. Environmental influence on gonadal activity in fish. Kidney – structure and function in terms of excretion and osmoregulation.
- Unit 4. Integration:**  
Nervous System – Central nervous system (CNS) and Peripheral nervous system (PNS). Sense organs – Cutaneous sense (touch, taste, temperature and salinity), sense of smell, sense of hearing, sense of sight, Neuromast organs and equilibrium.
- Unit 5. Age and Growth:**  
Determinations of age by scale Cause of annul formation. Use of Otolith and other hard parts in age determination of fish. Growth - Different factors affecting growth of fish.

## SUGGESTED READING

1. Biswas, K P (1990): A Textbook of fish, fisheries and Technology. Narendra Publishing House, Delhi – 6.
2. Parihar, R P (1992): A Textbook of fish Biology. Central Publishing House, Allahabad.
3. Pandey, A K and Sandhu G S (1992): Encyclopedia of Fishes and fisheries Vol. I – V Anmol Publications, New Delhi – 110 002
4. Lagler, K F and et.al (1962): Ichthyology. John Wiley and Sons Inc. 605. New York
5. Love M S and Callieh, G M (1979) : Reading in Ichthyology. Prentice Hall of India, Pvt Ltd. New Delhi
6. Kyle H M (1993): Biology of fishes : Daya Publishing House, Delhi
7. Black K P & A P Pickering (1998): Biology of farmed fish. Sheffield, Academic Press
8. Desilva S and T A Anderson (1995): Fish nutrition in aquaculture. Chapman & Hall

IInd Year B.Sc (Major)

Paper – V (Theory)

Time: 3 hours

**FISH & FISHERIES – I**

Full marks: 70

- Unit 1. Importance of Fisheries:**  
Concepts of fisheries, status and scope of fishery sciences, Aquaculture status concepts and types, in India. Prospects of fisheries in N E India.
- Unit 2. Fishery Resources:**  
Commercially important Fresh water, Brackishwater and Marine fishes of India. Important fish and prawn species of N E India. Introduction of Prawn, Oyster, Pearl, Clam and Seaweed fisheries. Game and Larvicidal fishes. Concepts and prospects of mariculture.
- Unit 3. Fish Farm Management:**  
Construction of fish farm nursery, rearing and stocking ponds. Soil and water characteristic of fish ponds. Application of lime and fertilizers and its importance. Different types of aquatic weeds and their control. Effect of algal blooms, predatory insects and weed fishes and their control in fish culture.
- Unit 4. Fish seed production (carps):**  
Collection, transportation and rearing of brood fish. Procurement of fish seed from natural sources (riverine system). Carp seed production – wet and dry hunch methods. Management of brood fish, Identification of male and female brood fish. Induced breeding – methodology, importance with special reference to hypophysation technique and factors effecting induced breeding.
- Unit 5. Fish Farming Methods:**  
Culture and breeding of Mahaseer. Basic concepts of Cat fish breeding & culture in India. Culture and breeding of freshwater prawn Macrobrachium rosenbergii.

**SUGGESTED READING**

- Jhingran, V G (1993): Fish and fisheries of India. Hindustan Publishing Corporation (India) New Delhi.
- Chakroff, M (1982): Fish water fish pond culture and management. Scientific Publishers Main Bhawan, Jodhpur.
- Sharma, U & Grover, S.p. (1982): An Introduction to Indian Fisheries. Bishensing Mahendrapal Singh, Dehra Dun – 1
- Tilak R & Sharma U (1982): Game fishes of India and Angling. International Book Distributors, Dehra Dun
- Timmernams, J A & Khan H (1979): Textbook of Fish culture, Breeding and Cultivation Of fish. Fishing new book Ltd. England
- Chakraborty N (1998): Biology culture and production of I.M.C. Narendra Publishing House, Allahabad.
- Syad Hasib Ahmed (1998): Advance in fisheries & fish production. Narendra Publishing House, Allahabad.

IInd Year B.Sc (Major)

Paper – VI (Theory)

Time: 3 hours

## CAPTURE &amp; CULTURE FISHERIES

Full marks: 70

- Unit 1. Inland Fisheries:**  
Status of capture and culture inland fisheries in India. Scope and development of capture and culture fisheries. Economics of Inland culture fisheries and various fish farming practices. Fisheries of major Indian rivers.
- Unit 2. Integrated Fish Farming:**  
Stocking management and production in Integrated fish-farming, paddy-cum-fish culture, fish-cum-live-stock rearing, fish culture-cum-duckery, fish culture-cum-poultry.
- Unit 3. Cold Water Fisheries:**  
Important cold water fish species of India. Status and scope of cold water fisheries of India with special reference to N E Region. Seed resources and their exploitation Trout Farming-design of a trout Farm, ecological conditions and management.
- Unit 4. Hill stream and wetland Fishery:**  
Hill stream fisheries in N E India, Wet land fisheries-ecological features, reclamation of wetlands, fish biodiversity and development scope in N E India. Reclamation of waste waters.
- Unit 5. Lacustrine and Reservoir Fisheries:**  
Fisheries of major lakes and reservoir in India. Impact of dam construction on fish Biota. Potential of lacustrine and reservoir fisheries.

## SUGGESTED READING

1. Sehgal, R L (1992): Recent Advances in cold water fisheries. Today and Tomorrow Printers & Publishers, New Delhi – 5
2. Sugunan, V V and Bhowmik U, (1990): Technologies for inland fisheries development. CICFRI, Barrackpore
3. Michael, P. (1984): Ecological Methods for field and lab Investigation. Tata McGraw Hill Publishing Company Ltd.
4. Jhingran, V G (1993): Fish and Fisheries of India. Hindustan Publishing Corporation (India), Delhi – 7
5. Karakandi, R (2000): Recreational Fisheries Development in India. Daya Publishing House, Delhi – 35
6. Mathias, J A (1999): Integrated fish farming (CRC). Jagminder Book Agency, Delhi-5
7. Singh H R (1999): Cold water aquaculture and fisheries. Narendra Publishing House, Delhi – 6
8. Ibrahim, P (1992): Fisheries development in India Concept publishing company, Delhi

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 Ind Year B.Sc (Major)

Paper – VII (Practical)

Time: 3 hours

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 AQUATIC ECOLOGY

Full marks: 40

PART – A: Practical Examination (Marks – 30)

1. Qualitative and quantitative analysis of phyto and Zoo-plankton in natural waters and integrated fish farms.
2. Analysis of Basic Physico-chemical parameters (pH, Temperature, Turbidity, Dissolved oxygen, Free CO<sub>2</sub>, Alkalinity, Hardness, Conductivity, Suspended and Dissolved solids in natural water and Integrated farm water.
3. Primary productivity estimation by light and dark bottle method.
4. Nutrient Enrichment studies in an Ecosystem.
5. Viva – Voce
6. Laboratory note book.

## DISTRIBUTION OF MARKS

- |  |    |
|--|----|
| 1. Qualitative / Quantitative analysis of plankton                             | 80 |
| 2. Analysis of Physico chemical parameter                                      | 80 |
| 3. Analysis of Primary production / Nutrient enrichment studies in a ecosystem | 80 |
| 4. Viva – Voce   | 40 |
| 5. Laboratory note book  | 20 |

PART – B: Internal Assessment (marks – 10)

1. Jhingran, V G (1993): *Fish and Fisheries of India*. Hindustan Publishing Corporation (India), Delhi – 7
2. Karakandi, R (2000): *Recreational Fisheries Development in India*. Daya Publishing House, Delhi – 32
3. Mathias, J A (1999): *Integrated fish farming (CRF)*. Agamator Book Agency, Delhi-2
4. Singh H R (1999): *Cold water aquaculture and fisheries*. Narendra Publishing House, Delhi – 6
5. Ibrahim, P. (1992): *Fisheries development in India*. Concept publishing company, Delhi

IInd Year B.Sc (Major)

Paper – VIII (Practical)

Time: 3 hours

FISH &amp; FISHERIES

Full marks: 40

**PART - A: Practical Examination (Marks – 30)**

1. Collection of pituitary gland, preparation of extract and demonstration of hypophysation technique.
2. Identification of fish food organisms, aquatic invertebrates and macrophytes
3. Analysis of soil (texture, moisture content, conductivity, pH, organic content and micro-nutrients).
4. Histology of Stomach, Liver, Intestine and Gonads of fishes.
5. Viva – Voce
6. Laboratory note book.

**DISTRIBUTION OF MARKS**

1.	Pituitary extraction / Histology	06
7.	Analysis of soil	10
8.	Identification	06
4.	Viva – Voce	04
5.	Laboratory note book	04

**PART - B: Internal Assessment (Marks – 10)****SUGGESTED READING**

1. Datta Munshi, J.S. & Hughes, G.M. (1992). *Air breathing fishes of India*. Oxford & IBH Publishing Co. Pvt. Ltd. New Delhi.
2. Srivastava, C.P. (1992). *Fishery Science and Indian Fisheries*. Kishor, Malvi, Allahabad.
3. Jhingran, V.G. (1992). *Fish and Fisheries of India*. Hindustan Publishing Corporation (India) Delhi – 110 007.
4. Billard R. (1994). *Carp: Biology and Culture*. Springer & Praxis Publishing House, U.K.
5. Matthew Landan (1997). *Introduction to Aquaculture*. John Wiley & Sons, Inc.
6. R.R. Stickney (1994). *Principle of Aquaculture*. John Wiley & Sons, Inc.

IIIrd Year B.Sc (Major)

Paper - IX (Theory)

Time: 3 hours

**FISH AND FISHERIES - II**

Full marks: 70

- Unit 1. Mono culture and composite fish culture:**  
Extensive, Semi-intensive and Intensive fish culture practices. Composite culture of Indian major carps and exotic carps – compatibility and criteria of fish selection, stocking ratios and density. Feeding management and harvesting.
- Unit 2. Air breathing fish culture:**  
Introduction, culturable air-breathing fishes of India. Procurement of fish seed from natural resources. Brood-stock management and seed production of some commercially important air breathing fishes of India. Scope of air breathing fish culture in India.
- Unit 3. Sewage – feed Fisheries:**  
Differences between sewage and sludge. Physico-chemical and biological characteristics of sewage waters. Basic ideas of sewage treatment for fish culture. Management of sewage fish farm. Scope of sewage – fed fisheries in India and limitations.
- Unit 4. Brackish water farming:**  
Ecology of brackish water ponds. Culturable species of brackish water fishes and prawns. Construction and management of brackish water farm. Procurement of seed, stocking and scope of brackish water farming.
- Unit 5. Fish Pathology:**  
Fish ectoparasite, fungal, bacterial, viral, protozoan, and worm diseases and their control. Nutritional and intrinsic diseases. Therapeutic measures for different fish diseases.

**SUGGESTED READING**

1. Datta Munshi, J S & Hughes, G M (1992): Air breathing Fishes of India. Oxford & IBH Publishing Co. Pvt. Ltd. New Delhi.
2. Srivastava, CBL (1992): Fishery Science and Indian Fisheries. Kitab Mahal, Allahabad.
3. Jhingran, V.G. (1993): Fish and Fisheries of India. Hindustan Publishing Corporation (India) Delhi – 110 007
4. Billard R (1994) Carp: Biology and Culture. Springer & Praxis Publishing House, U.K
5. Mathew Landan (1997): Introduction to Aquaculture. John Wiley & Sons, Inc
6. R R Stickney (1994) : Principle of Aquaculture, John Wiley & Sons, Inc

IIIrd Year B.Sc (Major)

Paper – X (Theory)

Time: 3 hours

**FISH TECHNOLOGY, ETHIOLOGY & EDUCATION**

Full marks: 70

- Unit 1. Craft & Gears:**  
Study of different types of fishing crafts used in India. Mechanised Boat & Trawlers. Different types of local & commercial fishing gears, nets, traps, rod & lines, design and manufacture of fishing gears. Basic ideas about marking and tagging of fish.
- Unit 2. Post Harvest Technology and by Products:**  
Quality maintenance of post harvest technology. Fish spoilage-causes. Different types of fish preservation – short term (drying, salting, smoking & freezing) and long term (canning etc). Value added products – (Sausages and ham, pickles, fish cake etc). Fish byproducts – (body oil, fish manure, fish guano, isinglass etc).
- Unit 3. Ornamental Fishes and Aquarium Management:**  
Ornamental fishes of South – East Asia with special reference to India. Scope of breeding of ornamental fishes. Study of locally available ornamental fishes of NE India. Aquaria – setting and management.
- Unit 4. Reproduction and Migration:**  
Types of reproduction, courtship behavior, spawning and breeding. Parental care of fishes. Fish migration – types of migration, causative factors, significance of migration. Common migratory fishes.
- Unit 5. Fisheries Extension & Education:**  
Concept of Fisheries education and extension programmes. Fisheries education in India. Co-operative societies, other developmental agencies and their role in upliftment of the socio-economic conditions of fishermen.

**SUGGESTED READING**

1. Biswas, K P (1999): Text book of Fish, Fisheries and Technology. Narendra Publishing House, Delhi - 6
2. Parihar, R P (1992): A text book of fish Biology & Indian Fisheries. Central Publishing House, Allahabad.
3. Lagler, K F. Bardach, Miller and Pasend (1992): Ichthyology. John Wiley & Sons Inc. New York – 100016
4. Sharma and Grover (1978): An introduction to Indian Fisheries. Bishen Singh Mahendrapal Singh, Dehra Dun – 1
5. Balachandran (1995): Post harvest Technology of fish and fish products. Daya Publishing House, Delhi – 1
6. Hameed, M.S. (1996): Modern fishing gear technology. Daya Publishing House, Delhi
7. Winton, A I. (1998): Fish and Fish Product. AGRO Publication.
8. Boyd, C E and Tucker, C S (1998): Pond aquaculture water quality management. Klusner Academic Publishing
9. Vijay Kumar, K (1999): Fresh water ecosystem of India.

5:2:1(13)

IIIrd Year B.Sc (Major)

Paper – XI (Theory)

Time: 3 hours

**FISH PHYSIOLOGY, GENETICS & DEVELOPMENT BIOLOGY**

Full marks: 70

- Unit 1. Biochemistry:**  
Chemical constituents of fish – carbohydrates, proteins, lipids, minerals & Vitamins. Studies on enzyme nature and classification of enzyme nature and classification of enzyme and enzyme regulation. Digestive enzyme of fish. Hematology – basic concept, study of blood corpuscles and haemoglobin.
- Unit 2. Physiology:**  
Metabolism in fish – Introduction, Glucose Metabolism, Lipid metabolism and the Citric Acid Cycles. Gas exchange in fish – gas exchange across the gills, effects of various parameters on gas exchange. Physiology of excretion in fishes. Osmoregulation in different groups of fish.
- Unit 3. Endocrinology:**  
Structure & function of major endocrine glands in fishes – (pituitary, thyroid, Islets of langerhans, inter-renal tissue, gastro-intestinal tract, corpuscles of stannius, pineal body & sex glands).
- Unit 4. Embryology:**  
Maturation of Gonads, gametogenesis, fertilization, cleavage, Blastulation, Gastrulation & post embryonic development of carps.
- Unit 5. Genetics:**  
Applied genetics – sex determination, selective breeding, gynogenesis, androgenesis polyploidy, genetic engineering interspecific & intergeneric hybridization of Indian fishes.

**SUGGESTED READING**

1. Hoar, W S and Randal D J (1996): Fish Physiology Vol- I to XI. Academic Press.
2. Das, P and Jhingran A G (1989) : Fish Genetics in India. Today & Tomorrows Printers & Publishers. New Delhi
3. Lagler K F. & et.al (1962): Ichthyology. John Wiley & Sons Inc. New York – 10016
4. Parihar R P (1992): A text book of Fish Biology and Indian Fisheries. Central Publishing House, Allahabad.
5. Gilbert: Development Biology. Panama Publications.
6. Eva Kamler (1992): Early life history of fish. An energetic Approach. Chapman & Hall

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 IIIrd Year B.Sc (Major)

Paper – XII (Practical)

Time: 3 hours

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 CAPTURE AND CULTURE FISHERIES

Full marks: 40

**PART – A : Practical Examination****(Marks – 30)**

1. Estimation and comparison of nitrate, phosphate, chloride and sulphate content in natural water and integrated farm water bodies.
2. Gut content analysis of carps and gastroscopic index.
3. Analysis of length – weight relationship and condition factors.
4. Viva – Voce
5. Laboratory notes

**DISTRIBUTION OF MARKS**

1.	Estimation of Nutrients	10
2.	Length – weight relationship	08
3.	Gut content analysis and GSI	06
4.	Viva – Voce	04
5.	Laboratory notes	02

**PART– B: Internal Assessment (marks – 10)**

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 IIIrd Year B.Sc (Major)

Paper – XIV (Practical)

Time: 3 hours

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**FISH PHYSIOLOGY, GENETICS & DEVELOPMENTAL BIOLOGY Full marks: 40**


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**PART – A: Practical Examination (Marks – 30)**

1. Estimation of tissue protein and carbohydrate of locally available fishes.
2. Study of Embryology of fish (Study of eggs, and other development stages up to Larvae)
3. Study of maturity stages and gonadosomatic index.
4. Hematology: Preparation of Haemin crystals, counting of W.B.C. / R.B.C and hemoglobin content of fish blood.
5. Viva – Voce
6. Laboratory note book

**DISTRIBUTION OF MARKS**

1.	Estimation of protein / carbohydrate	08
2.	Developmental stages / maturity stages / G S I	06
3.	Hematology	08
4.	Viva – Voce	04
5.	Laboratory note book	02

**PART – B: Internal Assessment (marks – 10)**

- 1) Enhancement of Examination, hostel and other fees payable by students.

It may be recalled that the Academic Council in its 62nd meeting had resolved vide resolution No:AC:62:99:5:5:(iv) to appoint a Committee to examine the matter relating to enhancement of examination, hostel and other fees payable by students and submit its reports there of to the Council. The said Committee was appointed vide Notification at Annexure-'A'.

The report of the above Committee was placed before the Council in its 65th meeting and subsequently before the Executive Council in its 110th meeting as per Annexure-'B'. The Councils after due deliberations resolved to approve the various rates of fees as suggested by the Committee mentioned above vide resolutions No:AC:65:2001:5:5:(i) and No:EC:110:2001:5:5:(i). Thereafter, as required under the provisions of the relevant statutes, the enhanced rates of fees were referred to the MHRD for the Visitor's assent so as to incorporate them under the Ordinance OF-1 on Fees payable by students and the same have now been Notified vide Notification No:Conf/13-5/Ord/99(Vol.I)/476, dated 13th Nov'01 and of even No:522, dt.8th March,02 which are placed as Annexure-(C' and 'D'

Now a letter (No:F.20-30/DSW/2002/450, dt.3rd June, 2002) has been received from the Dean, Students Welfare, NEHU to the effect that the NEHUSU have made representations regarding the hike in the fee structure, and therefore, he has requested for reconsideration of some of the revised fees. The letter, of the Dean is placed as Annexure-'E'

The matter is placed before the Council for consideration.

NORTH-EASTERN HILL UNIVERSITY  
SHILLONG

No:AC:62-4/Conf/99-1626

Dated 1st May'2000

N O T I F I C A T I O N

In pursuance of Resolution No:AC:62:99:5:5:(iv) adopted at the 62nd meeting of the Academic Council, the Vice-Chancellor NEHU, Shillong is pleased to constitute a Committee consisting of the following members to look into the enhancement of examination, hostel and other fees payable by students.

1. Prof AN Rai  
Department of Bio-Chemistry,  
NEHU, Shillong.
2. Prof Imdad Hussain  
Department of History,  
NEHU, Shillong.
3. Dr B Kharbuli,  
Dean  
Students' Welfare,  
NEHU, Shillong.

The Committee shall elect its own Chairman and the report may be submitted at the earliest for placing the same in the next meeting of the Council.

Sd/-  
JMS Khongwir  
Deputy Registrar

Copy to :-

1. The Finance Officer, NEHU, Shillong.
2. PS to the Vice-Chancellor, NEHU, Shillong.
3. Committee file.

Sd/-  
Deputy Registrar.

SG

## ANNEXURE 'B'

**ON FEES PAYABLE BY STUDENTS**  
(Under Section 26(1) (c) of the NEHU Act, 1973.

Existing				Proposed			
M.A/M.Com	M.Sc	M.Phil	Ph.D	M.A/M.Com/M.Lib	M.Sc	M.Phil	Ph.D
1. Tuition fee ( Monthly)							
Rs.50/-	Rs.50/-	Rs.50/-	-	Rs.100/-	Rs.100/-	Rs.150/-	Rs.200/-
2. Laboratory fee							
Rs.20/- (p.a)	Rs.20/- (p.a)	Rs.400/- (p.a)	Rs.400/ (p.a)	Rs.50/- (p.m.)	Rs.75/- (p.m.)	Rs.100/- (p.m.)	Rs.150/- (p.m.)
3. Registration fee							
Rs.60/-	Rs.60/-	Rs.60/-	Rs.60/-	Rs.100/-	Rs.100/-	Rs.100/-	Rs.100/-
4. Laboratory Caution Money (refundable)							
Rs.200/-	Rs.200/-	Rs.300/-	Rs.300/-	Rs.300/-	Rs.400/-	Rs.500/-	Rs.600/-
5. Library fee (per semester)							
Rs.20/-	Rs.20/-	Rs.25/-	Rs.25/-	Rs.100/-	Rs.100/-	Rs.150/-	Rs.200/-
6. Sports fee (annual)							
Rs.20/-	Rs.20/-	-	-	Rs.50/-	Rs.50/-	Rs.50/-	Rs.50/-
7. Medical fee (annual)							
Rs.20/-	Rs.20/-	-	-	Rs.100/-	Rs.100/-	Rs.100/-	Rs.100/-
8. Students Association fund(annual)							
Rs.10/-	Rs.10/-	-	-	Rs.50/-	Rs.50/-	Rs.50/-	Rs.50/-
9. Students Aid fund (annual)							
Rs.20/-	Rs.20/-	Rs.25/-	Rs.25/-	Rs.50/-	Rs.50/-	Rs.75/-	Rs.75/-
10. Admission fee (at the time of admission)							
Rs.50/-	Rs.50/-	-	-	Rs.100/-	Rs.100/-	Rs.100/-	Rs.100/-
11. Library caution money(refundable)							
Rs.50/-	Rs.50/-	Rs.200/-	Rs.200/-	Rs.200/-	Rs.300/-	Rs.400/-	Rs.500/-
12. Exam fee (per examination)							
a) Subjects having practical							
Rs.200/-	Rs.200/-	Rs.800/-	Rs.1000/-	Rs.300/-	Rs.300/-	Rs.1200/-	Rs.1500/-
b) Subjects not having practical							
Rs.200/-	Rs.200/-	Rs.800/-	Rs.1000/-	Rs.250/-	Rs.250/-	Rs.1000/-	Rs.1200/-

13 a) Identity Card	Rs.5/-	Rs. 5/-	Rs. 5/-	Rs. 5/-	Rs.25/-	Rs.25/-	Rs.25/-	Rs.25/-
b) Re-issue of Identity Card					Rs.40/-	Rs.40/-	Rs.40/-	Rs.40/-
14. Hostel :								
a) Room Fee				Rs.50/- (p.m)	Rs.100/-(p.m)			
b) Caution Money				Rs.500/-	Rs.1000/-			
c) Hostel Application Form					Rs.10/-			
** The same fees shall be applicable for Certificate and Diploma Courses.								
<b>Under Graduate Courses</b>								
1. Examination fee								
a) Non-Professional				Rs.200/-	Rs.300/-			
b) Professional					Rs.400/-			
2. Exam. Fee for repeat examination (per paper)								
a) Non-Professional				Rs.50/-	Rs.75/-			
b) Professional				Rs.50/-	Rs.100/-			
3 Non-Collegiate fee								
a) Non-Professional				Rs.100/-	Rs.150/-			
b) Professional				Rs.100/-	Rs.200/-			
4 Practical Exam. Fee (per subject)								
a) Non-Professional				Rs.60/-	Rs.100/-			
b) Professional				Rs.60/-	Rs.150/-			
5. Registration					Rs.100/-			
6. Registration(Duplicate)								
a) Non-Professional				Rs.60/-	Rs.150/-			
b) Professional				Rs.60/-	Rs.150/-			
7. Enrolment fee (Annual)								
a) Non-Professional				Rs.10/-	Rs.25/-			
b) Professional				Rs.10/-	Rs.25/-			
8. Fee for change of Examination Centre								
a) Non-Professional				Rs.100/-	Rs.150/-			
b) Professional				Rs.100/-	Rs.150/-			

**GENERAL FEES PAYABLE BY ALL CATEGORIES OF STUDENTS**

Items	Existing	Proposed
1) Convocation (in person)	Rs.100/-	Rs.250/-
2) Convocation (in absentia)	Rs.120/-	Rs.200/-
3) Mark Sheet (Original)	Rs.40/-	Rs.100/-
4) Mark Sheet (Duplicate)	Rs.50/-	Rs.150/-
5) Certificate (Original)	Rs.100/-	Rs.200/-
6) Certificate (Duplicate)	Rs.200/-	Rs.300/-
7) Rank Certificate	Rs.30/-	Rs.50/-
8) Provisional Certificate	Rs.30/-	Rs.50/-
9) Change of Mark Sheet & other Documents * (henceforth the nomenclature should read as 'Re-issue of mark sheets etc.)	Rs.50/-	Rs.200/-(per document)
10) Admit Card	Rs.35/-	Rs.50/-
11) Migration	Rs.100/-	Rs.200/-
12) Condonation of Migration	Rs.100/-	Rs.100/-
13. Re-evaluation	Rs.150/-(per paper)	Rs.300/-(per paper)
14) Re-scrutiny	Rs.100/-(per paper)	Rs.200/-(per paper)
15) Transcription	Rs.200/-(per course)	Rs.300/-(per Course)
16) Application form for admission (including prospectus)	Rs.60/-	Rs.150/-
17) Other application form (eg. For duplicate marksheet, prov. Certificate, etc.)		Rs.10/-

\* If it is a mistake made by the University in the correction of mark-sheets and other documents the fee is not payable.

The following are the proposed Courses/Subjects which may be taken as Professional Courses :

- 1) Bachelor of Education (B.Ed.)
- 2) Bachelor of Law (LL.B)
- 3) B.Sc. Nursing
- 4) Bachelor of Business Administration (BBA)
- 5) Bachelor of Computer Application (BCA)
- 6) Bachelor of Engineering
- 7) Bachelor of Medicines
- 8) Bachelor of Mass Communication and Video Production
- 9) Bachelor of Bio-Technology
- 10) Any other courses to be introduced as Professional Courses by the University
- 11) NERIST Courses.

NORTH-EASTERN HILL UNIVERSITY  
SHILLONG

No:Conf/13-5/Ord/99-I)-476

Dated 13th Nov'01

N O T I F I C A T I O N

In pursuance of Academic Council's and Executive Council's decisions and in terms of provisions contained under Statute-41(5) and (6), the Vice-Chancellor, NEHU, is pleased to notify with immediate effect the amendments to the Ordinances as detailed hereunder and appended herewith:

1. Amendments to Ordinance on Career Advancement Scheme under Section 26(1)(n) of the NEHU Act, 1973 (Pursuant to Academic Council's and Executive Council's resolutions No:EC:110:2001:5:1(ii) and No:EC:110:2001:5:1:(vii) respectively

2. Amendments to Ordinance OF-1 on Fees payable by Students under Section 26(1)(e) of the NEHU Act, 1973 (Pursuant to Academic Council's and Executive Council's resolutions No:AC:65:2001:5:5:(i) and No:EC:110:2001:5:5(i) respectively.

Sd/-

P K D Purkayastha  
Assistant Registrar (Conf)

Copy to :-

1. Deputy Secretary, Ministry of Human Resource Development, Govt. of India, Department of Secondary Education and Higher Education, Shastri Bhawan, New Delhi:-110001
2. Pro-Vice-Chancellor, NEHU, Shillong/Tura
3. Registrar/Finance Officer/Controller of Examinations, NEHU, Shillong.
4. All Deans of Schools, NEHU, Shillong.
5. All Heads of Department/Centres, NEHU, Shillong/Tura.
6. All Officers, NEHU, Shillong/Tura.
7. Director, Publication Cell, NEHU, Shillong.
8. PS to the Vice-Chancellor, NEHU, Shillong.

Sd/-

Assistant Registrar.

NORTH-EASTERN HILL UNIVERSITY  
SHILLONG

No:Conf/13-5/Ord/99(Vol.I)-522

Dated 8th March'02

N O T I F I C A T I O N

In continuation and partial Modification of Notification of even No:476 dated 13th November'01 the Registrar North-Eastern Hill University is pleased to Notify that the Amendments to Ordinance OF-1 on Fees payable by Students of NEHU (Post-Graduate Departments) as earlier notified vide Annexure-'B' to the Notification referred to above shall be effective from the next semester starting from July,02 that is the new fee structure is applicable from the time students are admitted afresh.

P K D Purkayastha  
Assistant Registrar (Conf)

Copy to :-

1. Deputy Secretary, Ministry of Human Resource Development, Govt. of India, Department of Secondary Education and Higher Education, Shastri Bhawan, New Delhi:-110001.
2. Pro-Vice-Chancellor, NEHU, Shillong/Tura.
3. Registrar/Finance Officer/Controller of Examinations, NEHU, Shillong.
4. All Deans of Schools, NEHU, Shillong.
5. All Heads of Department/Centres, NEHU, Shillong/Tura.
6. All Officers, NEHU, Shillong/Tura.
7. Publication Officer, Publication Cell, NEHU, Shillong.
8. PS to the Vice-Chancellor, NEHU, Shillong.

Sd/-

Assistant Registrar.

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5:5:1(8)

Annexure-'E'

NORTH-EASTERN HILL UNIVERSITY  
SHILLONG

Dr Eugene D Thomas  
Dean, Student's Welfare

Phone: 0364-536746(O)  
231993(R)

No: F.20-30/DSW/2002/450

Dated June, 3, 02

To

Prof AN Rai,  
Chairman/Convenor,  
Fee Structure Revision Committee,  
C/O Department of Bio-Chemistry,  
North-Eastern Hill University,  
Shillong.

Subject :- Fee Structure-revision of.

Sir,

I have to inform you that the NEHUSU representatives have made representations to the Vice-Chancellor, the Registrar and myself regarding the recent hike in the fee structure for Post-Graduate Studies, research courses etc. It is felt that perhaps the C Committee headed by you may reconsider some of the revised fees.

The Registrar has, therefore, suggested that I write to you with a request to convene a meeting of the said Committee so that we may discuss this matter again and make further recommendations, if any. This may, however, be done much before the next AC which is scheduled for 13th and 14th June '02.

Thanking you.

Yours faithfully,

Sd/-

(Eugene D Thomas)

Copy to the Registrar, NEHU, Shillong for favour of information.

(Eugene D Thomas)

viii) Department of Education related Parliamentary Standing Committee on value based Education- Human Rights and Duties Education .

The U.G.C. in September 2000, had endorsed the Parliamentary Standing Committee recommendation stressing an education of human values, co-existence and ethical values in Science and Technology and comparative study of all religions. The recommendation was initially placed before the Deans Committee and there after placed before the Academic Council. The Council, however, in its last meeting (66th meeting) deferred taking a decision on the matter.

In the mean while, the UGC had floated a scheme of financial assistance for Human Rights and Duties Education. The Guidelines as placed at Annexures I, II and III includes for introduction. as an LLM/M.A course as a PG Diploma course as a Certificate Course and also for conduct of Seminars / Symposia / Workshops on the subject.

The guidelines are placed before the Council for perusal and directions. It is also submitted for information of the Council that the UGC had evolved a Model curriculum in Human Rights & Duties Education.

No:F.2-4/Acad/2002-1987

GUIDELINES FOR ALLOCATION OF GRANT FOR INTRODUCTION OF POST-GRADUATE COURSES IN HUMAN RIGHTS AND DUTIES EDUCATION

1. Before a department is considered for University Grants Commission special Assistance for the purpose, it must establish that the post-graduate department in law/political science or in any other discipline is already a well-Established one in terms of cadre strength, infrastructure and teaching, research and extension activities.

a. The department should have a strength of at least 5 full time teachers including Professor(s) and Reader(s).

b. It should be contributing to at least 5 journals(Indian and Overseas) and other reports besides basic literature in the disciplines taught.

c. It is actively involved in teaching some human rights courses(s) research, other studies and extension activities connected with human rights awareness or enforcement etc.

With a view to the above, the application of the concerned department must be accompanied with a complete profile of the department (including that of its teachers) as a pre-condition.

2. Quantum of University Grants Commission Assistance:

A. For starting a two year LL.M/M.A courses in human rights & Duties, The department shall be given the following assistance:

- Teaching Posts : One Professor or a Reader and one Lecturer. However, University can make Any alternative arrangement within the Financial ceiling.
- Library : One time grant of Rs.1.00 lakh for Books.
- Journals : Rs.30,000/- recurring grant per year
- Extension Work etc. : Recurring grant Rs.30,000/- per year

B. For starting a one year diploma course only the following assistance Shall be given:

- Teaching Post : One Post of Reader or a Lecturer. However, University can make any alternative Arrangement within the financial Ceiling.

Library : One time grant of Rs.30,000/- for Books and Rs.10,000/- as recurring grant per year for journals & Books.

Extension (Field Work) : A grant of Rs.10,000/- year

CLIMBING FOR ALLOCATION OF GRANT FOR INTRODUCTION OF POST-GRADUATE COURSES IN HUMAN RIGHTS AND DUTIES EDUCATION

Annexure I contd.

- a. The syllabus for the courses to be introduced should preferably be based on the recommendation of the Law Panel Report on Human Right Education in 1994-95.
- b. The number of regular students to be admitted to the courses started with University Grants Commission assistance should ordinarily be 15 to 20.
- c. The assistance under this programme will be for a period of five years and further subject to the condition that the University/Institution will obtain an unconditional commitment in writing from the respective State Government to take over the liabilities (recurring, non-recurring) And salary of the staff appointed under the programme after the IXth Plan period and that the programme shall continue uninterruptedly.

With a view to the above, the application of the concerned department must be accompanied with a complete profile of the department (including that of its teachers) as a pre-condition.

Quantum of University Grants Commission Assistance:

<p>A. For starting a two year LL/M/A courses in human rights &amp; Duties the department shall be given the following assistance:</p> <p>Teaching Posts: One Professor or a Reader and one Lecturer. However, University can make any alternative arrangement within the financial ceiling.</p> <p>Library: One time grant of Rs. 1,00,000 for Books.</p> <p>Journals: Rs. 30,000/- recurring grant per year.</p> <p>Extension Work etc: Recurring grant Rs. 30,000/- per year.</p>	<p>For starting a one year diploma course only the following assistance shall be given:</p> <p>Teaching Post: One Post of Reader or a Lecturer. However, University can make any alternative arrangement within the financial ceiling.</p> <p>Library: One time grant of Rs. 30,000/- for Books and Rs. 10,000/- as recurring grant per year for Journals &amp; Books.</p> <p>Extension (Field Work): A grant of Rs. 10,000/- year.</p>
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ANNEXURE-IIGUIDELINES FOR ALLOCATION OF GRANTS FOR INTRODUCTION  
CERTIFICATE COURSE IN HUMAN RIGHTS AND DUTIES EDUCATION

I. In special areas where university education has not as yet been fully developed and or human rights education has not yet even been initiated, certificate courses may be permitted to be introduced, subject to the following conditions:

1. The University will give adequate justification for the need of introducing a certificate course instead of a Diploma or a Post graduate course, in its Proposal
2. The State Government concerned is expected to participate and render assistance in this endeavor
3. At least fifty per cent of the lecture hours shall be engaged by teachers of the said institution.
4. At least two or three certificate courses be organized during the course of a year by the concerned institution.

II. The grants shall be given to an institution by the University Grants Commission, each year, according to the following norms, subject to the conditions stated under para 1 above.

- (i) Coordinator  
(payment to be made to the Coordinator according to Academic Staff College norms)
- (ii) Guest Lecturers  
(payment to be made according to Academic Staff College norms) Rs.20,000/-
- (iii) Library  
(One time grant) Rs.10,000/-
- (iv) Extension activities Rs.10,000/-per year

ANNEXURE-III

**GUIDELINES FOR THE CONDUCT OF AND ALLOCATION OF FUNDS FOR SEMINAR, SYMPOSIA AND WORKSHOPS UNDER THE SCHEME OF HUMAN RIGHTS AND DUTIES EDUCATION TO BE ORGANIZED BY UNIVERSITIES AND COLLEGES**

1. When a substantial amount of money and effort is invested in organizing a seminar, symposia or workshop, it must be so conceived as to give the maximum output in terms of generation of new ideas, dissemination of discourse, consensus building on issues, and the like.
2. A workshop may be organized for curriculum development preparation of teaching materials, intensifying areas of interdisciplinary programmes, teaching methods, training of teachers, research methodology and similar other purposes.  
  
The workshop should aim at learning through mutual exchange of experiences amongst the participants, and imparting of new knowledge, techniques and experiences through application exercises, amongst other modalities
3. The theme of the seminar/symposia should have the maximum relevance the human rights & duties movement. The work of the participants should also be permeated with the same relevance
4. The theme as well as the approach should as far as possible be interdisciplinary.
5. The participants should be so chosen as to ensure fruitful conduct of the activity, initiation of new teachers and scholars, grass roots orientation and Inter-disciplinary approach. As such it has to be mix of resource persons, experienced and younger teachers and scholars drawn relevant disciplines, NGOs and other sections.
6. Each such activity should build up on what has been done by another institution earlier.
7. The benefit of the programme could also be made available to others (e.g. by inviting some observers) The benefits could flow even after the programme, if meaningful follow-up activities could be conceived and organized by the concerned institution.
8. The theme of the seminar or symposia for a college should preferably be Woven around local and regional issues and problems. The participants too should preferably be from within the state or region

9. To achieve the above, the proposal should be extremely well formulated after Detailed consideration, giving details:
- i. As to what is sought to be achieved through the activity.
  - ii. Norms for selection of participants alongwith the list (15 to 20 in Number including resource persons) At least 30 per cent of the Participant must be from the institution itself.
  - iii. Content of the work programme.
  - iv. Duration of the activity(generally 3 days for a seminar, 1 to 2 days For a symposia and 7 to 20 days for a workshop).
  - v. Funds required, under separate heads as per existing University Grants Commission requirements.
10. The conclusion of the activity should invariably be followed by a final report to Be submitted by the organizer within one month of the conclusion of the Activity, bringing out the issues discussed, views expressed, consensus built up, Other achievements and future course of action, if any, as well as the papers Submitted.
11. The funds for organizing, seminar, symposia and workshop would generally be Allocated according to the following norms.
- |      |          |   |  |
|------|----------|---|--|
| i.   | Seminar  | : | Rs. 60,000/- for a university<br>Rs.15,000/- for a college   |
| ii.  | Symposia | : | Rs 20,000/- for a university<br>Rs. 6,000/- for a college  |
| iii. | Workshop | : | Rs. 1,00,000/-(to be organized by<br>university)<br>Rs.10,000/-(to be organized at the local<br>Level) |
- Request can be considered for additional funding, if convincing justification Is made out.
12. Proposals for the above must be received in the university Grants Commission Office latest by the end of September every year

ix) Establishment of a NEHU Campus at Jowai.

The President and Secretary of Jowai Citizens' Welfare Association, Jowai, Meghalaya vide letter No. JCWA/NEC/2002-2003/1 of 24th May, 2002, placed as Annexure-'A' have requested the University to establish a Campus at Jowai for the general upliftment of education, particularly at the higher level. In this connection, an interim reply made by the Vice-Chancellor is placed at Annexure-'B'.

The matter is placed before the Council for consideration.

Annexure-'A'

JOWAI CITIZENS' WELFARE ASSOCIATION, JOWAI 79350

Estd., -----1990

Regd.No.....SR/Jowai-79/90 of 1990.

No. JCWA/NEC/2002-2003/1

Dated May 24, 2002.

To

The Hon'ble Vice-Chancellor,  
North-Eastern Hill University,  
S H I L L O N G.

Sub:- Establishment of a NEHU Campus in Jowai.

Respected Sir,

On the above quoted subject, the Association desires to inform that the move to set-up a Campus in place of the Pachunga campus known as had been abolished had been initiated once or twice with the Department of Education, Meghalaya in the past. As no information whatsoever had been furnished we certainly have to feel disappointed as local public of Jaintia Hills. Now, our Association's General Meeting held in the early part of this month wishes to convey our sincerest wish to you kindly to say anything on this subject.

For the general upliftment of education particularly at the highest level we earnestly beg that you cause the establishment of such a Campus in Jowai.

Kindly, sir, drop a line or two in response to our humble request.

With best wishes,

Sd - - - Sd/-

President Secretary  
Jowai Citizens' Welfare Association,  
JOWAI.

5:6:9(3)

Annexure-'A'

Annexure-'B'

NORTH EASTERN HILL UNIVERSITY  
NEHU CAMPUS, SHILLONG-793022  
(Meghalaya)

Mrinal Miri  
Vice-Chancellor

e-mail: [mirimrinal@hotmail.com](mailto:mirimrinal@hotmail.com)  
FAX No. 0364-551153& 550076

No.NEHU/VCF/23-3/2002-185  
4th June, 2002

Dear President,

Thank you for your letter of 24th May, 2002 about the establishment of NEHU Campus at Jowai. We shall discuss the possibility of establishing a Campus in Jowai in various forums of the University and shall let you know the outcome.

With best wishes,

Yours sincerely

(Mrinal Miri)

The President,  
Jowai Citizen's Welfare Association,  
JOWAI 793500,  
Meghalaya.

Copy to:-

The Dy.Registrar(Conference) along with the original letter from Citizens' Association, Jowai, to place the matter before the ensuing AC meeting.

Sd/-

(Mrinal Miri)

5:7 - Affiliation(i) INSPECTION REPORTS FOR AFFILIATION OF VARIOUS COLLEGES

<u>SL.NO.</u>	<u>NAME OF THE COLLEGES</u>	<u>SUBJECT</u>
1.	Thomas Jones College, Jowai, Jaintia Hills Annexure 'A'	Renewal of Provisional Affiliation in BA Pass in English, Khasi, Political Sc., Economics, Education, History & Philosophy.
2.	Nongstoin College, Nongstoin Annexure 'B'	Renewal of Provisional Affiliation for BA Honours in Political Science, History, Khasi & Education.
3.	Mawsynram Border Area College, Mawsynram. Annexure 'C'	Renewal of Provisional Affiliation for BA Pass in Political Sc., History, Khasi, Education, English & Economics
4.	Umshyrpi College, Laban : Shillong Annexure 'D'	Renewal of Provisional Affiliation for BA Honours in Political Sc., History & Khasi.
5.	Jaintia Eastern College, Khliehriat, Jaintia Hills Annexure 'E'	Renewal of Provisional Affiliation for BA Pass in Khasi, History, Economics, Political Sc., Education & English.
6.	Mendipathar College, Mendipathar, East Garo Hills, Annexure 'F'	Renewal of Provisional Affiliation for BA Honours in Political Science.
7.	Raid Laban College, Annexure 'G'	Renewal of Provisional Affiliation for Honours in Accountancy, Economics, Philosophy, Education, Khasi, English, Political Sc., Sociology & History.
8.	Synod College, Annexure 'H'	Renewal of BA Honours teaching in Geography.
9.	Bhudha Bhanu Saraswati College, Mawprem, Shillong.	Renewal of Provisional Affiliation for B-Commerce Pass.
10.	- do - Annexure 'I'	Renewal of Provisional Affiliation for BA Pass in English, Khasi, Political Sc., Economics, Education, History, Nepali, Hindi, Bengali & Philosophy.
11.	Umshyrpi College Annexure 'J'	<u>Opening of New course/Honours</u> , (a) Pass Course in B-Commerce. (b) Honours in English & Education.
12.	Durama College, Annexure 'K'	Opening of Honours subject in Education & Philosophy.

13. *Mawlai Presbyterrian College,  
Mawlai.  
Annexure 'L'*      *Opening of New College  
BA Pass in English, Khasi, MIL(  
Khasi Elective), Political Sc.,  
Economics, History, Education &  
Sociology.*
14. *Christian Academy College,  
Annexure 'M'*      *Opening of New College.  
BA Pass in English, Khasi, Educa-  
tion, History, Economics, Sociology,  
& Political Science.*

The matter is placed before the Council for consi-  
deration.

INSPECTION REPORT OF VARIOUS COLLEGE WITH THE RECOMMENDATION OF THE 29TH AFFILIATION COMMITTEE MEETING HELD ON 26.4.2002 - FOR GRANTING AFFILIATION.

Sl No.	Name of the College.	Subject.	Recommendation of the Inspection team.	Recommendation of the Affiliation Committee.
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1.	Thomas Jones Synod College, Jowai, Jaintia Hills.	Renewal of Provisional Affiliation in B.A.(Pass) in English, Khasi, Political Science, Economics, Education, History, Philosophy.	The Thomas Jones College, Jowai, was inspected on the 16th November 2001 at 11 a.m.	
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The Inspection team recommended extension of affiliation to the college for another 2(two) years w.e.f. 2002

The Inspection team also suggested that the following conditions be fulfilled by the College within the period specified above.

1. The holdings in the Library need to be enhanced adequately.
2. One more permanent teacher in each of the department should be appointed within the period specified above.

Recommended as per Inspection report. Within One year they should appoint one more permanent teacher in each subject.

Sd/- Prof. L.S. Gassah. Convener.	Sd/- Prof. Jagat Pal. Member.	Sd/- Dr. S.N. Singh.
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Sd/-  
Sd/-  
Sd/-

Sl No	Name of the College.	Subject.	Recommendation of the Inspection team.	Recommendation of the Affiliation Committee
2.	Nongstoin College, Nongstoin, West Khasi Hills, Meghalaya.	Renewal of Provisional Affiliation - B.A. (Hons) In Political Science, History, and Khasi, Education.	The NEHU Inspection team inspected the College on 20th October, 2001, The team inspected the infrastructure facilities of rooms, Library, and other requirements indicated in this form, and made enquiries about the admission, teaching staff of the of the 4 subjects for which Nongstoin College has asked for renewal in Khasi, Political Science, History & Education. The team observes the following.	The Affiliation Committee considered the Inspe- tion report of the above College and agreed as per the conditions laid down by the Inspection team. The same be placed to the Academic Council for approval.
			<ol style="list-style-type: none"> <li>1. The College has the necessary infrastructure.</li> <li>2. The College has the required number of teachers for Honours course teaching and has a trained Librarian.</li> <li>3. The College serves a need to provide College Education to Students in the West Khasi Hills. This is the only College in the District Head Quarters and needs to be encouraged in its growth. In view of the above the Inspection team recommends, renewal of permission of honours subjects applied for and indicated above.</li> </ol>	

Sd/-  
D.R. Syiemlieh.Sd/-  
Dr.K.M. Warjri.Sd/-  
Prof. B. War.

Sl No	Name of the College.	Subject.	Recommendation of the Inspection team.	Recommendation of the Affiliation Committee.
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3. Mawsynram Border Area College, Mawsynram, East Khasi Hills, Meghalaya. Renewal of Provisional Affiliation -B.A.(Pass) in Political Science, History, Khasi, Education, English & Economics. " Recommend Extension of Provisional affiliation for 3(three)Years. However we want to make it clear that the College must shift to its own site within this period".

Sd/-  
D.R. Syiemlieh.

Sd/-  
R.P. Sharma.

Sd/-  
N. Srivastava.

The Affiliation Committee considered the Inspection reports of the above College and agreed as per the conditions laid down by the Inspection team. The same be placed to the Academic Council meeting for approval.

Sl No	Name of the College.	Subject.	Recommendation of the Inspection Team.	Recommendation of the Affiliation Committee.
1.	2.	3.	4.	5.

4.	Umshyrpi College,	Renewal of Provisional Affiliation B.A.(Hons) in Political Science, History & Khasi.	<p>A NEHU Inspection team visited Umshypri College, Shillong on the 3rd October 2001, for the purpose of renewal of Provisional affiliation for Honours in Political Science, History and Khasi. According to its findings the College has come a long way in improving itself in the said subjects as compared to the last Inspection report. As per U.C.Norms the College has a requisite number of qualified teachers in the subject concerned. Moreover the Library to a great extent has procured sufficient number of books its stock and in particular in the above subjects.</p> <p>The Team recommends that renewal of Provisional affiliation for Honours in the above three subjects be accorded by the University.</p> <p>However, the Library has to further improve itself by procuring more reference books, journals, periodicals, etc relevant to the above subjects.</p>	<p>The Affiliation Committee considered the Inspection reports of the above College and agreed as per the conditions laid down by the Inspection team. The same be placed to the Academic Council for approval.</p>
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Sd/-  
Prof.B.L.Swer.

Sd/-  
Br.(Mrs) M. Momin. Dr. P. Malngiang.

Sd/-

Sl No.	Name of the College.	SUBJECT.	Recommendation of the Inspection team	Recommendation of the Affiliation Committee.
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5. Jaintia Eastern College,  
Khliehriat, Jaintia Hills.

Renewal of Provisional  
affiliation - B.A.(Pass)  
In Khasi, History, Econo-  
mics, Political Science,  
Education, English.

The Inspection team visited the Jaintia Eastern College on the 12th April, 2002, After a thorough scrutiny of relevant papers and required infrastructure for renewal of Provisional affiliation for B.A.(Pass) course Arts, the team, keeping in mind with the conditions laid down by the last Inspection team, recommends the extension of affiliation for another period of (two) years on the following grounds.

Recommendation  
Recommended  
as per the  
Inspection  
report.

1. That the College authority has appointed a qualified and full fledged Principal.

2. All regular teachers have the requisite percentage of marks (50% ST|SC) at the P.G. Level.

3. The College is situated in farflung rural area and doing a yeoman service in catering to the educational needs of the students of the Society.

4. However, the Library facilities are to be more improved in reading materials in the future.

Sd/- Dr.K.M. Barjri. Sd/- Dr.K.Dev Varma. Sd/- Prof. B.L. Swer.

Sd/-  
Jagat Pal  
Governor  
10.4.2002

Sd/-  
B.K. Mohapatra  
10.4.2002

Sl No.	Name of the College.	S U B J E C T.	Recommendation of the Inspection team.	Recommendation of the Affiliation Committee.
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6. Mendipathar College,  
East Garo Hills.

Renewal of Provisional  
Affiliation - Honours  
in Political Science.

The Inspection team visited the Mendi-  
pathar College and after inspection deci-  
ded to make following recommendations:

Renewal of  
Honours in  
Political Science

a) Recommended renewal of Honours in  
Political Science for a period of  
3 years, subject to the fulfilment  
of the following condition.

Recommended  
Affiliation for  
3 years subject  
to the fulfill-  
ment of conditions  
laid down by the  
Inspection team.

(i) The joining report of the new Lectu-  
rer for the 4th post of Lecturer in  
Political Science be sent to the  
University.

sd/-  
B.K. Mohapatra.  
10.4.2002.

sd/-  
Jagat Pal  
Convenor.  
10.4.2002.

Sl No	Name of the College.	Subject.	Recommendation of the Inspection team.	Recommendation of the Affiliation Committee.
7.	Raid Laban College, Laran, Shillong.	Renewal of Honours subjects: In Accountancy, Economics, Philo- sophy, Education, Khasi, English, Political Sc., Sociology & History.	The Inspection Committee comprising Prof.R.P.Sharma(English);Prof.P.M. Chacko(Sociology); and Prof.Jagat Pal(Philosophy) visited the College on 19th April, 2002 under my chairmanship. The Committee is of the view that the College may be granted renewal of affiliation for One year for Economics, Phi- losophy, English, Commerce, Education, and Sociology, Khasi, Political Science & History. as per their request.	The Committee considered and approved the Inspection Report for Renewal of Honour teaching.

Sd/-  
Mahesh Lalwani.

Sd/-  
Prof.R.P. Sharma,  
29.4.02.

Sd/-  
Prof. P.M. Chacko  
29.4.02.

Sl No.	Name of the College.	SUBJECT.	Recommendation of the Inspection team.	Recommendation of the Affiliation Committee
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8.	Synod College, Jaiaw, Shillong.	Renewal of Honours Subject in Geography.	<p>1. College may opt for either Geomorphology or agricultural Geography, or both as specialisation.</p> <p>Observation of earlier Committee have been fulfilled by the College.</p> <p>ii) Latest books for Major papers may be acquired.</p> <p>iii) Renewal of Affiliation for Geography is recommended as per University rules.</p>	<p>The Committee considered and approved the Inspection report for renewal of Honours teaching in Geography.</p>
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Sd/-  
Prof. R. P. Sharma  
22.4.02

Sd/-  
Mahesh Lalwant  
22.4.02

Sd/-  
Prof. P. M. Chacko  
22.4.02

Contd

Sl No. Name of the College. Subject. Recommendation of the Inspection team. Recommendation of the Affiliation Committee.

9. Buddha Bhanu Saraswati College. Provisional Affiliation in B.Commerce(Pass). Mawprem, Shillong.
- It is recommended that Provisional affiliation be extended for B.Com(General) for B.B.S. College, Shillong, from the Academic Year starting from 2002 with the following conditions to be fulfilled within a period of one year.
- i) Since the present Principal is about 67 years old, a regular Principal with the required qualification be appointed.
- ii) A Lecturer in Nepali with the minimum required percentage be appointed. (The present Lecturer in Nepali has 54.06% in M.A.(Nepali) but has 60.94% in M.A. (Hindi). Regular full time teachers be appointed for subjects-Khasi and Bengali (At present part time lecturers are there).
- iii) Regular Full time teachers be appointed for the subjects-Khasi, and Bengali (At present part time Lecturers are there).

The Committee considered & approved the Inspection report for Provisional affiliation in B.Commerce (Pass).

Sd/-  
M.S. Padma. 29.4.02

Sd/-  
N.M. Panda. 29.4.02

Sd/-  
B. Mishra. 29.4.02

Sd/-  
M.S. Padma. 29.4.02

Sl No.	Name of the College.	Subject.	Recommendation of the Inspection team.	Recommendation of the Affiliation Committee.
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10.	Buddha Bhanu Saraswati College, Mawprem, Shillong.	Provisional Affiliation for B.A. (Pass) In English, Khasi Political Sc, History, Economics, Philosophy, Education, Nepali, Hindi, Bengali.	It is recommended that Provisional Affiliation be extended for B.A. (General) for B.B.S. College, Shillong from the Academic Year starting from 2002 with the following conditions to be fulfilled within a period of one year.  i) Since the present Principal is about 67 years old, a regular Principal with the required qualification be appointed.  2. A Lecturer in Nepali with the minimum required percentage be appointed (The present Lecturer in Nepali has 54.06% in M.A.(Nepali) but has 60.94% on M.A. (Hindi).  3. Regular full time teachers be appointed for subjects-Khasi and Bengali (At present part time Lecturers are there).  4. The two vacant posts in Economics and one post in Philosophy be filled up.	The Committee considered and approved the Inspection report for Provisional affiliation for B.A.(Pass)
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Sd/-  
M.S. Padma. 29.4.02

Sd/-  
B. Mishra. 29.4.02

Sd/-  
N.M. Panda. 29.4.02

Sd/-  
B. Mishra. 29.4.02

Sd/-  
M.S. Padma. 29.4.02

SL No. Name of the College.

SUBJECT

Recommendation of the Inspection team.

Recommendation of the  
Affiliation Committee.17.4 Umshypi College, Laban,  
Shillong.Opening of Newcourse/Honours/  
Subject:

Pass Course in B. Commerce.

The Inspection Committee has following observations to make:

- a) The College has failed to appoint a qualified Librarian.
- b) The College has taken an overdraft of about 14 lakhs rupees against it F.D.R.
- c) One teacher does not fulfill the qualification as laid down by the U.G.C.

The Committee is of the view that the College be accorded temporary affiliation for introducing Pass course in Commerce and Honours in English and Education.

The Committee agreed with the Inspection Reports and the same may be placed in the next Academic Council.

17.5 Umshyrpi College, Laban,  
Shillong.Honours in English and  
Education.

Sd/-  
Prof. R.P. Sharma.  
English.

Sd/-  
Prof. Bhattacharjee.  
Education.

Sd/-  
Dr. D. Das.  
Applied  
Statistics.

Sd/-  
Dr. N.M. Panda (Commerce.)

Sl No	Name of the College.	Subject.	Recommendation of the Inspection team.	Recommendation of the Affiliation Committee.
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12, Durama College,  
Garo Hills,  
Meghalaya.

Opening of New course/  
Subject: Honours  
in Education, and  
Philosophy.

The Inspection team visited Durama College and after inspection decided to make the following recommendations:

The Committee agreed with the inspection reports and the same may be placed in the next Academic council meeting.

1. Provisional permission for 2 years may be granted to introduce Honours course in Philosophy and Education subject to the fulfilment of the following conditions:

a) Two more Lecturers will be appointed both in Education and Philosophy as per our University rules.

b) The number of titles in the concerned subjects, will be enhanced to 500 to add to the Library collection.

2. The College already has permission for Honours in Political Science, Vide Letter No. CDC/A.124/93-94/2000-4 dated 21.12.96.

-/ds

-/ds

-/ds

-/ds

Dr. N.M. Panda (Commerce)

ANNEXURE-'L'

5.7.1(15)

Sl No.	Name of the College.	S U B J E C T.	Recommendation of the Inspection team.	Recommendation of the Affiliation Committee.
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13: Mawlai Presbyterian College, Opening of New College.  
Mawlai, Shillong- 8.

B.A.(Pass) in English, Khasi, MIL(Khasi Elective), Political Science, Economics, History, Education and Sociology.

Provisional affiliation is recommended for a period of 3(three) years w.e.f. the current Academic Year.

The Committee agreed as per the Inspection report. Recommended affiliation for 3 (three year. The case will be put up to the Academic Council.

R. Gopalakrishnan  
 Sd/-  
 02-05-02

R. Bhattacharjee  
 Sd/-  
 02.05.02

Sl No. Name of the College. SUBJECT. Recommendation of the Inspection team. ANNEXURE 'M'. Recommendation of the Affiliation Committee.

Sl No.	Name of the College.	SUBJECT.	Recommendation of the Inspection team	ANNEXURE 'M'. Recommendation of the Affiliation Committee.
14.	Christian Academy College, Pynthorbah, Shillong - 1.	Initial Affiliation: <u>Opening of New College;</u> B.A. Pass Course In English, Khasi, Education, History, Economics, Sociology & Political Science & Geography.	<u>OBSERVATIONS.</u> 1. Initial Affiliation is recommended for a period of two years i.e. 2002-3 and 2003-4, for following courses at B.A. General level these are:- English, Khasi, Education, History, Economics, Sociology and Political Science. 2. Affiliation for subject like Geography etc at B.A. General level, may be considered, only after the College acquires. a) Laboratory equipments. b) Additional teaching staff. (at least two more).  ii Library has to be strengthened in terms of acquisition of multiple copies of latest text books for the subjects note at (*).  4. University representatives in the Governing Body of the College may be nominated.	1. The Committee considered and approved the Inspection report for a period of 2 year for Initial affiliation of B.A.(Pass)course.  2. Initial Affiliation for Geography(Pass) course was not recommended.

Sd/-  
R. Gopalakrishnan  
02-05-02.

Sd/-  
N. Hassan

Sd/-  
R. Bhattacharjee.  
02.05.02.

5:8:3(1)

iii) Relating to admission/Registration of Shri R K Yadav to the Ph D Programme in Physics.

The Academic Council Committee appointed vide Notification No:AC:66-4/Conf/2001-507 dated 25.2.02 met on 4.6.02 to examine the matter relating to the Registration of Shri R K Yadav to the Ph D Programme in the Physics Department and has submitted its report.

The report of the Committee is placed as Annexure-'A'

The matter is placed before the Council for consideration.

SG

5;8:3(2)

MINUTES OF THE COMMITTEE APPOINTED BY THE ACADEMIC  
COUNCIL TO LOOK INTO THE MATTER RELATING TO THE  
REGISTRATION OF SHRI RK YADAV TO THE PH.D.  
PROGRAMME IN THE PHYSICS DEPARTMENT HELD ON  
04.06.2002.

The following members were present:

- |    |                  |          |
|----|------------------|----------|
| 1. | Prof. P. Shukla  | Chairman |
| 2. | Prof. RN Sharan  | Member   |
| 3. | Prof. MK Mahanti | Member   |
| 4. | John MS Khongwir | Convener |

The Committee went through the records of the case and noted that the admission of Shri RK Yadav to the Ph.D. Programme had already been granted by the Department of Physics on 9<sup>th</sup> April, 2001 and as per records Prof. Kamal Kumar has been duly approved as the Supervisor of the candidate. Further, the Board of Post Graduate Studies in Physics had also forwarded and recommended the registration for Ph.D. of Shri Yadav. The School Board of the School of Physical Science in its meeting on 26<sup>th</sup> April, 2001 had also approved the registration of Shri Yadav. The Committee, further finds that there is no case of any anomaly since the candidate had already been registered and is apparently pursuing his Ph.D. Programme.

Sd/-  
John MS Khongwir  
Convener

Sd/-  
Prof. P. Shukla  
Chairman