

(iv) **Regulation on RB-2.**

NO.AC:78:2007:5:1:(iv): This item was withdrawn.

(v) **Application form for renewal and permanent affiliation of PG Courses in Colleges.**

NO.AC:78:2007:5:1:(v): The Council considered the application forms for renewal and permanent affiliation of PG Courses in Colleges and **RESOLVED** to approve the same.

(vi) **Regulation on Permanent Affiliation for PG Courses.**

NO.AC:78:2007:5:1:(vi): The Council considered the framing of a regulation on Permanent affiliation for PG Courses in Colleges and **RESOLVED** that the matter may be referred to a Committee to be appointed by the Chairman.

(vii) **Amendment of Regulation on B. Tech.**

No.AC:78:2007:5:1:(vii): The Council considered the amendment of the Regulation on B. Tech and **RESOLVED** that the matter may first be examined by a Committee to be appointed by the Chairman.

5:2- *Syllabus:*

(i) **Revised Syllabus for P.G. Diploma in Adult and Continuing Education.**

NO.AC:78:2007:5:2:(i): The Council considered the revised syllabus for P.G. Diploma in Adult and Continuing Education and **RESOLVED** to approve the same.

(ii)&(iii) **Syllabus for Bachelor of Commerce (General & Honours) and English (General and Honours)**

NO.AC:78:2007:5:2:(ii)&(iii): The Council considered the revised syllabus for Bachelor of Commerce (General & Honours) and English (General & Honours) and **RESOLVED** that constant revision of the Under-Graduate Syllabi is not desirable as it creates problems for the college teachers, students and the Examination Department. The Under-Graduate Syllabi may be revised only after a period of five years as decided by the Council earlier and all syllabi of Under-Graduate courses may be revised with effect from the academic session of 2009.

(iv) **Revised Syllabus of M.Sc. Chemistry.**

NO.AC:78:2007:5:2:(iv): The Council considered the revised syllabus and **RESOLVED** to approve the same subject to equal marks being allotted to each semester.

(v) **Syllabus of M.Sc. Environmental Science (2 year Course) and M.Sc. Environmental Science 5 years Integrated course.**

NO.AC:78:2007:5:2:(v): The Council considered Syllabus of M.Sc. Environmental Science (2 year course) and M.Sc. Environmental Science 5 years Integrated course and **RESOLVED** to approve the syllabus for M.Sc. in Environmental Science, Two Year Course only. And the syllabus for the five year Integrated Course shall be taken up after the Centre has consulted the allied departments to be included in the course.

5:3 Research:

- (i) **Recognition of research Laboratories**
 (a) **Tea Research Association, Tocklai Experimental Station, Jorhat**
 (b) **Botanical Survey of India, Eastern Circle, Shillong.**

NO.AC:78:2007:5:3:(i): The Council considered the recognition of (a) Tea Research Association Tocklai Experimental Station, Jorhat and (b) Botanical Survey of India, Eastern Circle, Shillong, and **RESOLVED** to approve the same.

The Council further **RESOLVED** that a Committee may be appointed to go into the issue of a research facility recognized by the University having multiple recognition as a research facility by other Universities/Institutes. The Committee may also go into the question of whether a fee should be levied by the University for inspection, recognition etc., of a research facility.

5:5 Examination Matters:

- (i) **Doctoral Research Proposals.**

NO.AC:78:2007:5:5:(i): The Council considered the points raised in the School of Board of Economics Management & Information Sciences and **RESOLVED** that the existing provisions of the Ordinance shall remain.

(ii) Declaration of Ph.D. Results.

NO.AC:78:2007:5:5:(ii): The Council considered the declaration of Ph.D. results of the following candidates and **RESOLVED** to approve the same.

<u>Sl. No.</u>	<u>Name of the candidates</u>	<u>Departments</u>	<u>Degree</u>
1.	Neeta Lagachu	English	Ph.D.
2.	Jova C.Marak	English	Ph.D.
3.	Baladiangti Nongbri	Education	Ph.D.
4.	Jubita Lyngkhoi	Education	Ph.D.
5.	Sis. Biola Shadap	Education	Ph.D.
6.	Mr. Sahabudin Ahmed	History	Ph.D.
7.	Ms. Mebada W.L.Nongbri	Sociology	Ph.D.
8.	Ms. Rekha M.Shangpliang	Sociology	Ph.D.
9.	Mr. Vareishang Tangpu	Zoology	Ph.D.
10.	Ms. Kuheli Biswas	Zoology	Ph.D.
11.	Ms. Anusuya Rout	Botany	Ph.D.
12.	Ms. Melboreen Dkhar	Botany	Ph.D.
13.	Ms. Anindita Khan	Botany	Ph.D.
14.	Ms. M.C.Das	Botany	Ph.D.
15.	Mr. James Wahlang	Bio-Chemistry	Ph.D.

(iii) Panel of Examiners for Ph.D. candidates.

NO.AC:78:2007:5:5:(iii): The Council considered the panel of Examiners of the following Ph.D. candidates and **RESOLVED** to approve the same.

<u>Sl. No.</u>	<u>Name of candidates</u>	<u>Name of Deptt.</u>	<u>Degree</u>
1.	Kevileno Sakhrie	English	Ph.D
2.	Aruna Kumari	Hindi	Ph.D.
3.	Jitendra Kumar Tiwari	Hindi	Ph.D.
4.	Evangelyn W.Syiem	Education	Ph.D.
5.	Cherrie Lanunziri Chhangte	English	Ph.D.

6.	Shri Precious Stone Iongwai	Zoology	Ph.D.
7.	Shri Damon Arrun Rabha	Zoology	Ph.D.
8.	Shri Kuldip Rabha	Zoology	Ph.D.
9.	Smti Wandalin Lyngdoh	Zoology	Ph.D.
10.	Shri Collins Zoliantluanga Renthlei	Zoology	Ph.D.
11.	Mr. Bimal Deb Nath	Commerce	Ph.D.
12.	Mr. Sabindra Rajbongshi	Commerce	Ph.D.
13.	Mr. Manjit Das	Economics	Ph.D.
14.	Mr. N.Ambika Pathy	Geography	Ph.D.
15.	C.Lalmuankima	Geography	Ph.D.
16.	L.Basanta Singh	Geography	Ph.D.
17.	Debraj Sharma	Geography	Ph.D.
18.	Smti. Tonjam Joshila	Anthropology	Ph.D.
19.	Smti. Lorna Bang	Anthropology	Ph.D.
20.	Mr. Crossthang Sanate	Sociology	Ph.D.

(iv) Panel of Paper Setters/Examiners.

NO.AC:78:2007:5:5:(iv): The Council considered the panel of Paper Setters/ Examiners of the following Departments and **RESOLVED** to approve the same.

1.	Linguistics Department	M.A
2.	Education Department	M.A and M.Ed.
3.	English Department	M.A.
4.	Political Science Department	M.A.
5.	History Department	M.A. 1 st & III rd Semester
6.	Sociology Department	M.A.
7.	Centre for Cultural & Creative Studies	P.G.Diploma Courses in Music, Painting and Folkloristics
8.	Zoology Department	M.Sc.
9.	Bio-technology Department	M.Sc.

10.	Physics Department	M.Sc.
11	Mathematics Department	M.Sc.
12.	Commerce Department	M.Com III & IV Semester
13.	Management Department	M.A. III & IV Semester
14.	Economics Department	M.A. I & III Semester

(v) **Enrolment of Ph.D. Students under Professors, Readers and Lecturers.**

NO.AC:78:2007:5:5:(v): The Council considered the enrolment of Ph.D. students under Professors, Readers and Lecturers and **RESOLVED** that a Committee may be appointed to go into the number of research scholars to be allotted to Supervisors/Joint Supervisors.

5:6 *Establishment of New Departments/
Centres/Courses:*

(i) **Module on Human Rights Education for Teaching Professionals imparting Education in Primary, Secondary & Higher Secondary Levels.**

NO.AC:78:2007:5:6:(i): The Council considered the Module on Human Rights Education for Teaching Professionals imparting Education in Primary, Secondary & Higher Secondary Levels as suggested by the National Human Rights Commission and **RESOLVED** that the Centre for Adult and Continuing Education formulate the action to be taken on the introduction of the courses.

5:7: Affiliation cases etc.

(i) **Consent of affiliation**

NO.AC:78:2007:5:7:(i): The Council considered the request of NEIGHRIMS for issue of a consent letter for affiliation of an Under-Graduate Course in Medicine and **RESOLVED** that NEIGHRIMS may be informed that they may apply for affiliation as per procedure laid down by the University.

5:8: Others**(i) Convening meetings of the Board of Post Graduate Studies.**

NO.AC:78:2007:5:8:(i): The Council considered the question of convening meetings of the BPGS and other Bodies of the University and **RESOLVED** that the matter may be examined by a Committee to be appointed for the purpose.

(ii) Recognition of Joint Supervisor for Ph.D. guidance.

NO.AC:78:2007:5:8:(ii): The Council considered the recognition of Dr. Sudripta Das of the Department of Bio-Technology, Tea Research Association, Toklai, as a Joint Supervisor and **RESOLVED** to approve the same.

(iii) Nomination of three members to the BUGS in Desk-Top Publishing Tools Multi Media.

NO.AC:78:2007:5:8:(iii): The Council considered the nomination of three members to the BUGS in Desk- Top Publishing Tools and Multi Media and **RESOLVED** to authorise the Vice-Chancellor to nominate the members.

(iv) 4th Meeting by BPR&D of Vice-Chancellors/ Registrars/ Representatives of Universities held on 07.08.07 at New Delhi.

NO.AC:78:2007:5:8:(iv): The Council considered the 4th Meeting by BPR&D of Vice-Chancellors/Registrars/ Representatives of Universities held on 07.08.07 at New Delhi and **noted** the same.

ITEM NO. 6**ADMINISTRATIVE MATTERS:****6:1: Selection Committee:****(i) Panel of Experts for the Selection Committee.**

NO.AC:78:2007:6:1:(i): The Council considered the panel of Experts of the various Selection Committees for the following Departments/Centres and **RESOLVED** to approve the same.

1. Department of English
2. Department of Khasi
3. Department of Education
4. Department of Linguistics

5. Department of Hindi
6. Department of Philosophy
7. Department of Garo
8. Department of History
9. Department of Political Science
10. Department of Sociology
11. Department of Law
12. Department of Zoology
13. Department of Botany
14. Department of Biochemistry
15. Department of Biotechnology & Bioinformatics
16. Department of Physics
17. Department of Chemistry
18. Department of Mathematics
19. Department of Economics
20. Department of Library & Information Science
21. Department of Commerce
22. Department of Geography
23. Department of Anthropology
24. Department of R.D.A.P.
25. Department of Management
26. Centre for Adult & Contg. Education
27. Centre for Cultural & Creative Studies
28. Centre for Science Education
29. Centre for Environmental Studies
30. Computer Centre
31. Department of Information & Technology
32. Department of Electronics & Communication Engineering.

ITEM NO. 7

7:5: Annual Report:

(i) Annual Report for the year 2006-2007

NO.AC:78:2007:7:5:(i): The Council considered the Annual Report for the year 2006-07 and **RESOLVED** to approve the same.

ITEM NO. 8

ITEM FROM THE CHAIR

No.AC:78:2007:8:(i): The Council considered the grant of extension of time for submission of the Ph.D. Thesis by the Board of Research Studies to the following candidates:

1. Ms. Kevileno Sakhrie
Department of English.

2. C. Lalrempui
Department of Linguistics.
3. Mr. Remsangpuia
Department of Linguistics.

The Council after careful deliberation **RESOLVED** that the School Board had recommended the extension of time with retrospective effect and in the case of the candidates at Sl.2 & 3 and the Ph.D. Thesis has already been submitted. In view of this, the departments concerned should present their cases to the Vice-Chancellor for a decision.

The meeting ended with a vote of thanks from the Chair at 1400 Hours.

Sd/-
DT Khathing
Secretary

Sd/-
Pramod Tandon
Chairman

**LIST OF MEMBERS WHO ATTENDED THE SEVENTY EIGHTH MEETING
OF THE ACADEMIC COUNCIL HELD ON 12TH OCTOBER, 2007.**

1. Prof. Pramod Tandon Vice-Chancellor.	Chairman
2. Prof. DR Syiemlieh	Member
3. Prof. P. Nayak	Member
4. Prof. MB Jyrwa	Member
5. Prof. R. Sharma	Member
6. Prof. RN Sharan	Member
7. Prof. BK Tiwari	Member
8. Prof. Rakesh Mohan	Member
9. Prof. Manorama Sharma	Member
10. Prof. N. Srivastav	Member
11. Prof. BBP Gupta	Member
12. Prof. NM Panda	Member
13. Prof. LK Jha	Member
14. Prof. K. Ismail	Member
15. Prof. P. Shukla	Member
16. Dr. AP Pati	Member
17. Prof. YS Jain	Member
18. Dr. OP Singh	Member
19. Prof. PK Gupta	Member
20. Prof. SK Mishra	Member
21. Prof. NK Chrungoo	Member
22. Prof. H. Lamin	Member
23. Prof. V. Tandon	Member
24. Prof. G. Das	Member
25. Prof. RH Duncan Lyngdoh	Member
26. Prof. PV Koparkar	Member
27. Prof. A. Chatterjee	Member
28. Prof. P. Nongkynrih	Member
29. Prof. S. Dkhar	Member
30. Prof. T. Ao	Member
31. Prof. CR Agera	Member
32. Prof. Vanlalnghak	Member
33. Prof. A. Henia	Member
34. Prof. SM Sungoh	Member
35. Prof. B. Myrboh	Member
36. Prof. KM Rao	Member
37. Prof. MB Rege	Member
38. Prof. DK Nayak	Member
39. Dr. DK Choubey	Member
40. Prof. BK Agarwala	Member
41. Shri K. Marwein	Member

42. Prof. R. Borgohain	Member
43. Prof. Nikhlesh Kumar	Member
44. Prof. Jagat Pal	Member
45. Dr. Desmond L. Kharmawphlang	Member
46. Prof. Anis Alam	Member
47. Prof. SB Prasad	Member
48. Shri Abhijit Choudhury	Member
49. Shri L. Pyngrope	Member
50. Shri H. Syiem	Member
51. Dr. BK Thakur	Member
52. Prof. B. Mishra	Member
53. Dr. MK Das	Member
54. Prof. R. Khongsdier	Member
55. Prof. RK Poddar	Member
56. Dr. E. Jyrwa	Member
57. Dr. JJ Mozika	Member
58. Shri N. Parthasarathy	Member
59. Prof. N. Venugopal	Member
60. Prof. MS Dkhar	Member
61. Dr. M. Ansari	Member
62. Prof. M. Momin	Member
63. Prof. CL Imchen	Member
64. Prof. BK Sharma	Member
65. Prof. RNK Hooroo	Member
66. Prof. N. Saha	Member
67. Dr. I Majaw	Member
68. Prof. Esther Syiem	Member
69. Dr. SN Sarma	Member
70. Prof. B. Jyrwa	Member
71. Shri H. Suchiang	Member
72. Dr. D. Bhattacharjee	Member
73. Prof. B. War	Member
74. Dr. Moses M. Naga	Member
75. Prof. S. Rama Rao	Member
76. Dr. LJ Singh	Member
77. Prof. AC Mohapatra	Member
78. Shri KD Ramsiej	Member
79. Shri SS Khongkiam	Member
80. Prof. B. Kharbuli	Member
81. Prof. BS Mipun	Member
82. Prof. HK Mukerjee	Member
83. Prof. FA Qadri	Member
84. Prof. RP Bajpai	Member
85. Prof. RS Wangu	Member
86. Prof. DT Khathing	Secretary
Registrar.	

5:2:1(1)

5: - **ACADEMIC MATTERS:**

5:2: - **Syllabus:**

- (i) Revised Syllabus for P.G.Diploma in Adult and Continuing Education.

The Head, Centre for Adult & Continuing Education vide letter No.F.33/ACE/2006-07/820 dt 12.9.07 has forwarded the revised Syllabus of P.G.Deploma in Adult & Continuing Education which was approved by the School Board in its meeting held on 14.8.07.

The syllabus is being sent by e-mail.

The matter is placed before the Council for consideration.

F.33-1/CACE/2006-07/820 dt. 12/9/2007

5:2:2(1)

- (ii) Syllabus for Bachelor of Commerce (General & Honours).

The Head, Department of Commerce vide letter No.SC/Com/Acad-2/96-1667 dt. 27.9.07 has forwarded the Syllabus for Bachelor of Commerce after modifications by the BUGS in its meeting held on 17.9.07.

The syllabus is being sent by e-mail.

The matter is placed before the Council for consideration.

5:2:3(1)

(iii) Proposed Revised U.G.Syllabus in English.

The Head, Department of English vide letter No.3465 dt. 24.9.07 has forwarded the proposed revised U.G.Syllabus in English which is being sent by e-mail.

The matter is placed before the Council for consideration.

5:2:5(1)

- (v) Syllabus of M.Sc. Environmental Science (2 year course and M.Sc. Environmental Science 5 years Integrated Course.

The School Board of Human and Environmental Sciences in its meeting held on 6.9.07 approved the Syllabus of M.Sc. Environmental Science 5 year Integrated Course and M.Sc. Environmental Science 2 year Course.

The Syllabus is being forwarded by e-mail.

The matter is placed before the Council for consideration.

5:3:1(1)

5:3: - Research:

- (i) Recognition of research Laboratories (a) Tea Research Association, Tocklai Experimental Station, Jorhat (b) Botanical Survey of India, Eastern Circle, Shillong.

The Academic Council in its 77th meeting held on 30.5.07 vide resolution No:AC:77:2007:5:3:(i) considered the appointment of an Inspection Team for the purpose of recognising Research Laboratories for pursuing research leading to Ph.D and Resolved that the School Board may appoint the Inspection Team(s).

The School Board of Life Sciences in its meeting held on 11.5.07 considered the applications of the above organisations for recognition for the purpose of research leading to Ph.D. Programme vide report placed at Annexure I & II respectively, and resolved to place the matter before the Council.

The matter is placed before the Council for consideration.

REPORT OF THE INSPECTION TEAM CONSTITUTED FOR THE PURPOSE OF
RECOGNITION OF TOCKLAI EXPERIMENTAL STATION, TEA RESEARCH
ASSOCIATION, JORHAT 785008, ASSAM

The Inspection Team constituted vide Notification No.D.19/SLS/SB/2007/585 by the Dean, School of Life Sciences and consisting of the following members visited Tocklai Experimental Station of Tea Research Association, Jorhat on September 6, 2007.

Prof. Arvind K. Misra (Convener)
Prof. Ramesh Sharma, (Member) and
Prof. N. K. Chrungoo (Member)

REPORT

Organisation of the Experimental Station

The experimental station has four research divisions comprising of various Departments as follows:

1. Production Division,
 - Agronomy
 - Soil Science
2. Plant Improvement Division,
 - Plant Physiology and Breeding
 - Biotechnology
3. Plant Protection Division,
 - Entomology
 - Mycology and Microbiology
4. Quality Division
 - Biochemistry
 - Tea Processing

Each of these Divisions has separate research staff comprising of Scientists and Research Fellows. The Director is overall in-charge of the Experimental Station.

Funding

The Experimental Station receives funds from the Ministry of Commerce, Government of India and the Member Industries of the Tea Research Association, for its day-to-day functioning. In addition to the above, funds are also generated by way of research grants obtained from various funding agencies like Department of Biotechnology, Government of India, Tea Board, etc.

R&D Activities*Agronomy and Soil Science Departments*

These Departments are currently operating two externally funded projects and three internally funded projects. It has root scanner, canopy analyser, photosynthetic analyser and leaf area meter, etc.

Number of Ph.D. awarded - 10

Plant Physiology and Breeding and Biotechnology Departments

These Departments are currently operating nine internally funded and five externally funded research projects. Three more projects have been approved for funding by the DBT and DST.

These Departments have good infrastructure in terms of laboratories and equipment including HPLC, Centrifuges, Thermal cyclers, freezers, spectrophotometers, gel documentation systems, Leitz microscopes, DNA sequencer, etc. Good tissue culture facilities and a small library exist in the Division.

These Departments have published several papers in their internal journal 'Two and a Bud'. There are fewer papers published in refereed journals.

Number of Ph.D. awarded - 19

Mycology and Microbiology Department

This Department is currently operating five internally and two externally funded projects. They have already commercialised bio-control of some leaf diseases and sucking pests of tea. Bio-fertilizer formulation containing VAM and nitrogen fixer have been provided to member tea gardens for field tests.

Number of Ph.D. awarded – nil

Entomology Department

This Department is operating three internally and two externally funded projects. The emphasis is on tea mosquito bug *Helopeltis theivora*.

Biochemistry Department

The Department is currently operating four internally and two externally funded projects. The Department has good infrastructure in terms of the equipment (Gas Chromatograph, Environmental Shaker, Millipore water purifier, Scanning densitometer, Supercritical Fluid Extractor, spray drier, GC-MS, HPLC, HPTLC, etc.) and laboratory space.

The emphasis of the Department has been on standardisation of biochemical constituents during processing with special reference to Catechins and flavour. Trials are underway to optimize the physical conditions through Environmental Control Manufacture.

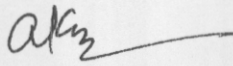
Number of Ph.D. awarded – 7

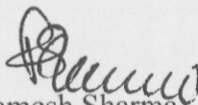
Other Facilities

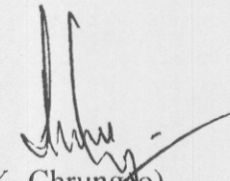
The Experimental Station has sufficient laboratory space and maintains good germ plasm collection in its own gardens. Net house and seed 'bari' are used in crossing programme. There are separate buildings for housing Administrative wing, Guest House, Library and Hostel. Library has a good collection of books but does not subscribe to many journals. However, the Team was informed that Scientists and research scholars working at TRA have access to the libraries of the Assam Agricultural University and North East Institute of Science and Technology (RRL), both located at Jorhat.

Recommendation

The Inspection team recommends that the Tocklai Experimental Station, Tea Research Association, Tocklai, Jorhat, may be granted recognition for conducting research leading to the award of Ph.D. degree of this University in accordance with the provisions of NEHU Regulation RC4:


(Arvind K. Misra)
Convener


(Ramesh Sharma)
Member


(N. K. Chruncho)
Member

REPORT OF THE TEAM CONSTITUTED FOR THE PURPOSE OF INSPECTION OF
BOTANICAL SURVEY OF INDIA, SHILLONG

The Inspection Team constituted vide Notification No.D.19/SLS/SB/2007/585 by the Dean, School of Life Sciences and consisting of the following members visited Botanical Survey of India on September 13, 2007.

Prof. Arvind K. Misra (Convener)
Prof. Ramesh Sharma, (Member) and
Prof. N. K. Chrungoo (Member)

REPORT

Organisation

The Botanical Survey of India, Eastern Circle, Shillong, Ministry of Environment and Forests, Government of India, was established in 1956 with jurisdiction over Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura.

Presently there are seven scientists working in the Circle under the administrative control of the Joint Director.

R&D Activities

The mandate of the Botanical Survey of India is to function as a custodian of floral wealth of India. The BSI, Shillong, also operates under this mandate and is involved in inventoring and conserving the flora of the region. It has 3 Biosphere Reserves, 11 National Parks and 12 Wild life Sanctuaries under its jurisdiction. Its Herbarium has an acronym of ASSAM and has more than 2,60,000 herbarium holdings, 508 type collections and maintains 1154 live collections. It maintains a National Orchidarium with about 300 orchid species. The team was informed that it has an experimental garden spread over an area of 22 acres near Umiam Lake and comprises a Nursery section, Orchidarium, Arboratum, and Bamboosetum. The Shillong circle of BSI has developed a good facility for micro-propagation and conservation of plants.

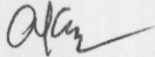
Till 10th plan period, 70-90% areas of the States under its jurisdiction had been well explored. Its most recent expedition was organised in 2000 for exploration of Mehao Wild Life Sanctuary. BSI, Shillong has undertaken 13 internally funded and 5 externally funded projects since 2002.

It has reported seven new species since 2002 and has 13 new records during this period. It has a Library with a collection of 6690 books. It subscribes to 17 National and 11 International journals.

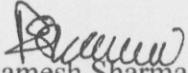
It has published 7 State flora and the Scientists working here have 47 research publications/ reports to their credit since 2002.

Recommendation

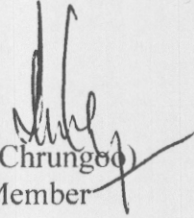
The team recommends that the Botanical Survey of India, Eastern Circle, Shillong may be recognised for carrying out research for the award of Ph.D. degree of NEHU in accordance with the provisions of RC-4.



(Arvind K. Misra)
Convener



(Ramesh Sharma)
Member



(N. K. Chrungeo)
Member