**APPENDIX - 1**

**CURRICULUM OF THE EXISTING TEACHER EDUCATION PROGRAMME IN THE STATE.**

A.1. **Bachelor of Education**

**Duration : 1 Year**

**University : North Eastern Hills University Shillong.**

<table>
<thead>
<tr>
<th>(a) Courses of Study</th>
<th>External</th>
<th>Internal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Teacher and Society</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td>2. Educational Psychology</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td>3. Educational Technology</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td>4. Problems of Education in India</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5&amp;6. Any two of the following:-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Adult and Non-formal Educational</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td>(b) Education and Rural Development</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td>(c) Special Education for the gifted and the backward.</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td>(d) Educational guidance and counselling.</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td>(e) School Management</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td>(f) Population Education</td>
<td>40</td>
<td>10</td>
</tr>
</tbody>
</table>
7&8. Teaching Specialisation  *(Two of the following)*

(a) Life Science  
(b) Physical Sciences  
(c) History  
(d) Social Studies  
(e) Geography  
(f) Home Science  
(g) Mathematics  
(h) English  
(i) Indian Languages *(Taught at the Secondary School stage in the area)*

(b) **Practical work and practice teaching**

**Practical work**: Every student shall be required to complete one item of work from the list of suggested works in addition to the prescribed exercise in Educational Statistics and submit his work book for evaluation.

**SECTION 1: EDUCATIONAL STATISTICS**

1. Numerical data and frequency distribution.
2. Graphical representation of data frequency polygon and Histogram.
3. Measures of central tendency, mean, median and mode.
5. Correlation - by Rank different method.
SECTION : 11 ITEMS OF PRACTICAL WORK

(Any one item to be taken up by each student)

2. Administration of a test and interpretation of the results.
3. Sociometric study of a class with the reinterpretation.
4. Observation of teaching in classroom situation using FIACS.
6. Review of a book (Title should be suggested by the teacher).
7. Remedial teaching in language or mathematics.
8. Identifying the weaknesses in learning the remedial programme.
9. Planning and conducting a co-curricular activity and presenting a report - Quiz, Debate, Magazine editing etc.

Practice Teaching: A minimum of 20 lessons in each of the two teaching specialisations shall be given by every student. Some of these lessons may be given under simulated conditions.

(c) Scheme of evaluation

1. Practical work and practice teaching shall be evaluated separately by a Board of Examiners appointed by the University. The Board of Examiners shall hold a viva-voce test and review the practical work done by each candidate and award one of the following grades to it. The Board of Examiners
shall also observe at least one teaching class taken by each candidate and award one of the following grades to practice teaching finally the two grade will be combined by using the mark equivalent shown against each of the grades.

Grade 0 (70 and above) = Outstanding
Grade A (60 to 69) = Good
Grade B (50 to 59) = Average
Grade C (Below 50) = Failed

2. Theory Papers

The division of internal and external marks is in the ratio of 20% and 80%.

B. UNDER-GRADUATE TEACHER'S TRAINING

Duration : One Year
Board : State Board of Teacher Education Nagaland

Marks

<table>
<thead>
<tr>
<th>Content</th>
<th>Marks External</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Teachers and Education in Emerging Indian Society including Primary Education in Nagaland.</td>
<td>100</td>
</tr>
<tr>
<td>2. Child Psychology</td>
<td>100</td>
</tr>
<tr>
<td>3. School Organisation and Education Evaluation.</td>
<td>50</td>
</tr>
<tr>
<td>Content cum-Methodology</td>
<td></td>
</tr>
<tr>
<td>4. English Paper-I (Content)</td>
<td>100</td>
</tr>
<tr>
<td>English Paper-II (Methodology)</td>
<td>50</td>
</tr>
<tr>
<td>5. Environmental Studies Paper-I (Content)</td>
<td>100</td>
</tr>
<tr>
<td>Environmental Studies Paper-II (Methodology)</td>
<td>50</td>
</tr>
</tbody>
</table>
6. Maths Paper-I (Content) 100
   Maths Paper-II (Methodology) 50
7. General Science Paper-I (Content) 75
   General Science Paper-II (Methodology) 50

Practice Teaching
A minimum of five lessons in every subject shall be given by students, before for the practice teaching, preparation of the practice teaching to be done under simulation.

Practical Work 25

(i) Practical works in Science
(ii) Preparation of a craft and a teaching model.

All the theory papers are examined externally by State Board of Teacher Education Examination. Practice Teaching and Practical works are evaluated internally in the institution.

C. JUNIOR TEACHER TRAINING

Duration: 1 Year
Board: State Board of Teacher Education Nagaland.

COURSE TITLE

Area A Theory Pedagogy

1. Teacher and Emerging Indian Society. 75 Marks
2. Child Psychology 75 Marks
3. School Organisation and Education Evaluation 50 Marks
Area B. Working with community

4. Community Service

5. Development of learning Episodes

6. Socially Useful Productive works.

Area C. Content-cum-Methodology and Practice Teaching

Theory External

7. Theory and Practice of Instructional skills. 100 Marks

8. Teaching of Mother Tongue 100 Marks

9. Teaching of English
   (i) Paper-I Content 150 Marks
   (ii) Paper-II Methodology 100 Marks

10. Teaching of Maths
    (i) Paper-I Content 150 Marks
    (ii) Paper-II Methodology 100 Marks

11. Teaching of Science
    (i) Paper-I Content 150 Marks
    (ii) Paper-II Methodology 100 Marks

12. Teaching of Social Science
    (i) Paper-I Content 150 Marks
    (ii) Paper-II Methodology 100 Marks

13. Physical Education & Creative Arts
    External 100 Marks
    Internal 50 Marks

14. Practice Teaching 20 days
    External 50 Marks
    Internal 50 Marks
APPENDIX - II

A. An Introductory Letter

Dear Sir/Madam,

Department of Education
NEHU - Kohima Campus,
Kohima, Nagaland.

Dated

I am undertaking a survey of the development of teacher education in Nagaland since independence for a doctoral research work. It is sincerely hoped that this investigation will contribute towards the improvement of the quality of education in our State. Your answers will be treated as confidential.

I would therefore, request you to kindly extend your valuable co-operation by filling the 'Questionnaire' and hand it for onward transmission to me.

Thanking you,

Yours faithfully,

( Smt. P. KILEMSUNGLA Ao )
Research Scholar
Department of Education
Kohima Campus,
Nagaland.
B. QUESTIONNAIRE, INFORMATION AND INTERVIEW SCHEDULES

1. Questionnaire to the Trained Teachers

1. Name :

2. Sex : Age :

3. Name of the School :

4. Teaching experience :

5. Qualification :

6. Year of acquiring Professional Degree :

7. Do you find B.Ed/J.T.T.I/U.G.T.T. course relevant and helpful in your daily teaching? Yes/No. If no, mention the areas that need improvement:

   (1) ____________________________

   (2) ____________________________

   (3) ____________________________

8. Do you think the time duration of B.Ed/ U.G.T.T./J.T.T.I. course was sufficient? Yes/No. If no, suggest the suitable duration: ____________________________

9. Do you find the Practical Works of the course relevant and helpful to your School situation? Yes/No.

10. Is your attitude towards teaching profession the same after undergoing the course? Yes/No.
III

11. Did you face any problem concerning the required books during your course? Yes/No.

12. Did you face any difficulty in adjusting with the new situation during practical teaching? Yes/No. If yes, tick mark the dominant factor:
   (i) Methodology
   (ii) New situation.

13. Are you in favour of having a practice teaching school attached to your institution? Yes/No.

14. Are you in favour of having an experienced and trained teacher from the school to supervise your practice teaching class along with your lecturer? Yes/No.

15. Are you in favour of making the institution a residential institution? Yes/No.

16. Did the assignments, tests and seminars help you in your course? Yes/No.

17. Do you have enough opportunities for inservice programmes? Yes/No.

18. Are you deputed to attend seminars/conferences etc? Yes/No; Facilities:

19. What facilities do you expect as required for the successful completion of your training course?
   (i) _______________________
   (ii) _______________________
   (iii) _______________________
IV

20. What problems do you face for attending inservice programme?
   (i) ___________________________
   (ii) __________________________
   (iii) __________________________

21. Programme organisation:
Which area of the Teacher Training Programme need to be strengthened?
   (i) ___________________________
   (ii) __________________________
   (iii) __________________________

C. QUESTIONNAIRE TO THE TEACHER-EDUCATORS

1. Name:
2. Sex: Age:
3. Qualification:
4. Name of the institution:
5. Status in the institution:
6. Teaching experience:
7. Administrative experience:
8. Other experience:
10. Work load:
   (i) No. of papers/courses alloted:
   (ii) No. of trainees alloted for practical works:
(iii) Lecture hours per week:
(iv) Practical work hours per week:
(v) Seminar hours per week:
(vi) Test and Assignment hours per week:
(vii) Co-curricular activities hours per week:

11. Number of inservice programmes attended within last five years:

12. Number of academic assignments taken up outside the institution within last five years:

13. Are you satisfied with the duration of the course? Yes/No: If no, suggest the duration:

14. Are you satisfied with the present procedure of the evaluation of 20% internal and 80% external? Yes/No If no, suggest:

15. Do you give demonstration class before the students - practice teaching?

16. Do you agree that the curriculum is relevant and practical? Yes/No If no, suggest improvement

17. What methods do you use in your daily teaching?
   (i) __________________________
   (ii) __________________________
   (iii) __________________________

18. Do you give notes in the class? Yes/No

19. Do you favour the idea that the trained and experienced teachers in the school should assist
19. In the supervision of the practice teaching along with the college supervisors? Yes/No

20. Do you agree with the view that academic qualifications should be the sole criteria for the selection of trainees? Yes/No

21. Do you support the selection of the trainees by the educational administrator? Yes/No

22. Do you agree with the view that there should be written tests for the selection of trainees for the admission? Yes/No

23. Are you satisfied with the staff assessment procedure? Yes/No

   If no, suggest for improvement:________________________

24. Have you attempted any innovative practices within last three years? Yes/No

   If yes, state the practice:________________________

25. Have you taken up any research project? Yes/No

26. Do you have laboratory facilities for science experiments? Yes/No

27. Do you have Audio-Visual aids room equipped with teaching aids? Yes/No

28. Are you satisfied with the stock of books and Journals in your library? Yes/No

   If no which of these need to enrich
   (i) Text Books
   (2) Journals
29. Do you have technical-hand in the college for operating projectors etc? Yes/No

30. Which areas of the Teacher training need to be strengthened?
   (i) ____________________________
   (ii) ____________________________
   (iii) ____________________________
   (iv) ____________________________

D. QUESTIONNAIRE TO THE HEAD MASTERS OF SCHOOL

1. Name :

2. Sex :

3. Teaching Experience :

4. Name of the institution :

5. Location :

6. Government/Private :

7. Enrolment of the school :

8. Total number of teachers :
   Male  Female  Trained  Untrained
   _____   _____   _______   ______

9. Total number of faculty meeting :

10. Is there any institutional planning in the School? Yes/No

11. Were there inservice programmes organised within the school? Yes/No If yes, state the number :
   Nature of programmes :
10. Are the teachers regular in their attendance? 
   Yes/No If no, indicate the reason:
13. Do you supervise the classes of the teachers? 
   Yes/No If yes, state the methods of supervision 

If no, give the reason:
14. Do the teachers utilise the teaching aids while teaching? Yes/No
15. How many teachers attended the in-service programme within last 5 years? 
   No. of teachers   Organisations   Duration 

16. Do the teachers take keen interest in the co-curricular activities of the School? Yes/No
17. Do you think that the present system of training provides quality training to the trainees? 
   If no, suggest improvement: -
   (i) ______________________ 
   (ii) ______________________ 
18. Did you see any improvement with the teachers after they received training? Yes/No
D. QUESTIONNAIRE TO THE HEADS OF THE TEACHER EDUCATION INSTITUTIONS.

1. Name of the Head:
2. Name of the Institution:
3. Year of Establishment:
4. Courses offered:
   Name Duration
   (i) __________________________
   (ii) __________________________
5. Intake capacity:
   (i) __________________________
   (ii) __________________________
   Do you feel the need to increase the intake capacity? Yes/No
6. Enrolment year-wise:
   Year Male Femal Govt.Deputies Private candidates
   __________________________
7. Criteria for the selection of trainees:
8. Teaching specialisation offered:
   (i) __________________________
   (ii) __________________________
   (iii) __________________________
   (iv) __________________________
9. Educational specialisation:
   (i) __________________________
   (ii) __________________________
   (iii) __________________________
10. **Curriculum**

(i) Do you agree that the curriculum is relevant and practical?  Yes/No

If no what are the areas that need improvement

(ii) Is the curriculum revised?  Yes/No

If yes write the years ___________________________

11. **Number of Teacher Education:**

1. Qualifications prescribed by Universities/Boards

   (a) B.Ed. Course  
   (b) J.T.T.I. Course  
   (c) U.G.T.T.Course  
   (d) Pre-Primary T.T.Course

2. **Sl.Nc.  Male  Female  qualifications**

   Total :-

12. **Inservice programmes for teacher educators** Number of programme organised: - Internally:

   Externally :

13. **Any higher study provision for the staff:**  Yes/No

   If yes, (i)  No. of Staff on study leave:

   (ii) Nature of the study :

   (iii) Financer :
14. Staff assessment method. If any frequency:

15. Any professional association? Yes/No

   If yes, state (i) Name:

   (ii) Is the membership compulsory?

   (iii) Objectives:

   (iv) Frequency of meetings:

16. Practice Teaching:

   (a) Supervision: (i) Duration:

      (ii) Hours per week:

      (iii) Mode of feedback:

      (iv) Any consequences:

      (v) Any preparation for the Practice Teaching?

   (b) Practicing School:

      (i) Any practicing School attached to the institution? Yes/No

      If yes, number of available classes:

      (ii) The trainees involvement in the School apart from practice teaching:

      (iii) Do you feel the need of the practicing school attached? Yes/No

17. Research Project if any:

   (i) No. of research project undertaken

   (ii) No. of teacher educators involved

   (iii) Duration of the project
18. Facilities:

(i) Building for classroom Yes/No
(ii) Hostel accommodation Yes/No
   If yes, capacity:
(iii) Staff accommodation: Yes/No
      If yes, No. of quarters:
(iv) No. of staff members without quarters:
(v) Any excursion facilities? Yes/No
(vi) Any stipend for the preservice trainees? Yes/No
      If yes, state the amount per month:

19. Teaching aids:

(i) Do you have relevant teaching aids in the institution? Yes/No
(ii) Is there any provision for preparing teaching-learning material from the locally available materials in the forms of improvised apparatus and working models? Yes/No

20. Technology (Education):

(i) Hardware technology in the Institution:
   1.
   2.
   3.
   4.
   5.
XIII

(i) Frequency of its uses in the teaching-learning situation:

21. Is there any operable science laboratory in the Institution? Yes/No

22. Number of books in the Library:
   1. Text books:
   2. Reference books:
   3. No. of educational journals:
   4. Others:

23. Innovation
   What are the innovation practices adopted in your institutions?

24. Which areas of the teacher training needs to be strengthened?
   1.
   2.
   3.

F. QUESTIONNAIRE TO THE INSPECTOR OF SCHOOLS/DEPUTY INSPECTOR OF SCHOOLS/.

1. Name:

2. Male/Female: Jurisdiction:

3. Teaching Experience:

4. Number of Schools to be covered:

5. Number of teachers:
Male  Female  Graduates  Undergraduate  Undermatric

   Trained  Untrained

6. Do you have any influence on the appointment of teachers?  
   Yes/No

7. Frequency of transfer:

8. Frequency of supervision:

9. Number of Subject-supervisors/S.I.S. under you:

10. Do you get the adequate teaching aids from the authority?  
    Yes/No

11. Do you encourage the use of improvised teaching aids?  
    Yes/No

12. Do you receive the informations concerning the teachers' 
    inservice programmes and other regulations of the department in time?  
    Yes/No

13. Do you get good co-operation from the teachers, Headmasters etc. for carrying out your programme of supervision 
    and inspection?  
    Yes/No

14. Does your supervisonal area come under any school 
    complex?  
    Yes/No

    If yes, Write Frequency of meetings:
    No. of inservice programmes conducted within last 3 
    years.

15. Number of inservice programmes intimations received 
    within last 3 years:
    SCERT School Complex Adult Education
16. Did you see any improvement with the teachers after they received training? Yes/No

17. Do you think that the present system of training provides quality training to the trainees, Yes/No
   If no, suggest improvement: (i) (ii) (iii) (iv)

G. INFORMATION SCHEDULE

Directorate of School Education/Higher and Technical Education.

1. Number of trained and untrained teachers before Statehood year-wise.
   Year Trained Untrained Male Female

2. Places where the teachers were trained:

3. Number of Teacher Education Institutions at different levels.
   Level Year of Estd. Govt. Pvt. Duration
   1. Pre-Primary
   2. Primary/Elementary
   3. Secondary
   4. Collegiate

4. Selection criteria for the admission of the teacher-students.
5. Teacher Educators.
   (a) Qualification required:
       1. Pre-Primary:
       2. Primary/Elementary
       3. Secondary
   (b) Total number of teacher educators:
       1. Qualified:
       2. Unqualified:

6. Financing year-wise: Year Amounts given by the ________________________

7. Inservice programmes organised by the Department other than the SCERT.
   Year-wise: ___ ___ ___ ___ ___ ___ ___
   Level: ___ ___ ___ ___ ___ ___ ___
   Objectives: ___ ___ ___ ___ ___ ___ ___

8. Is there any possibility of opening at least one more NCE and two JTTI's or increase of intake capacity?
   Yes/No If yes, state the possible time:

H. INFORMATION SCHEDULE FOR SCERT

1. Year of establishment:

2. Number of cells:

3. Number of staff:
   1. Academic:
   2. Non-Academic:

4. Total number of inservice programmes organised within the State.
<table>
<thead>
<tr>
<th>Year</th>
<th>Cell</th>
<th>Objectives</th>
<th>Response</th>
<th>Fellow-up</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. (a) Total number of inservice programmes organised in the Capital.

<table>
<thead>
<tr>
<th>Year</th>
<th>Cell</th>
<th>Programme</th>
<th>Expected No of participation</th>
<th>Actual participation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(b) Total number of programmes organised at the district level.

<table>
<thead>
<tr>
<th>Year</th>
<th>Cell</th>
<th>Programme</th>
<th>Expected No of participation</th>
<th>Actual participation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. Total number of the inservice programmes attended by the Staff outside the State.
7. Facilities/Incentives for participants:
   (a) (i) Any IA/DA?  Yes/No
   (ii) Any other remuneration,  Yes/No
   (b) (i) Any accommodation,  Yes/No
   (ii) Any Conveyance?  Yes/No

8. Extension Service:
   (i) When was it established?
   (ii) What are the cells connected?
   (iii) What is the media of the extension service?
   Correspondence/Contact.
   (iv) Do the teachers co-operate positively? Yes/No

9. Project taken up:
   (i) Name of the project:
   (ii) Duration (estimated):
   (iii) Evaluation:
1. INTERVIEW SCHEDULE FOR THE PERSONNEL INVOLVED IN
THE DEVELOPMENT OF EDUCATION AMONG THE NAGAS DURING
PRE-INDEPENDENCE AND EARLY PART OF INDEPENDENCE PERIOD

1. Name
2. Age
3. Status
4. Organisation under which
5. Duration of experience under education
6. Were there any kind of training for teachers? 
   Yes/No
7. Where were the teachers sent for training?
8. Who sponsored the teachers to go for the training?
9. Were there any kind of inservice programme for
   the Teachers,  Yes/No
   If yes what were the durations.
10. How frequently were the inservice programme
    organised
11. Who are the resource personnel?
12. Where there any kind of arrangement within the
    School where the senior pupils were trained to be
    teachers?  Yes/No
    If yes how long was the duration for such experience?
    Was there any inspection programme to your school
    or class,  Yes/No
    If yes who were the inspection personnel.