

.....  
\* UNIVERSITY OF NORTH BENGAL \*  
\* AGENDA FOR MEETING FIXED FOR \*  
\* 1ST DECEMBER, 1964 AT 9 A.M. \*  
\* AT RAJ BHAVAN, CALCUTTA \*  
.....

UNIVERSITY OF NORTH BENGAL

A meeting of the University of North Bengal will be held at Raj Bhavan, Calcutta, on Tuesday, the 1st December, 1964 at 9 A. M. to consider the following agenda :-

1. To confirm the proceedings of the meeting of the University held on 1st November, 1964 at Raj Bhavan, Darjeeling.

(Annexure - I) Page - 2

2. To consider the report of the Committee appointed to draw up the requirements of the University under the Fourth Five-year Plan.

(Report to be circulated later).

3. To elect two members of the Executive Council, in accordance with clause I (a) (vi) of Statute 4 of Statutes relating to the Constitution, etc. of the Subordinate authorities.

4. To report that the term of appointment of Dr. A. P. Das Gupta as Special Officer will expire on 31st December, 1964.

5. Any other matter that may be brought up with the permission of the Chair.

Rajabennohampur,  
(Dist. Darjeeling).

  
Registrar.

UNIVERSITY OF NORTH BENGAL

A meeting of the University of North Bengal will be held at Raj Bhavan, Calcutta, on Tuesday, the 1st December, 1964 at 9 A. M. to consider the following agenda :-

1. To confirm the proceedings of the meeting of the University held on 1st November, 1964 at Raj Bhavan, Darjeeling.

(Annexure - I) Page - 2

2. To consider the report of the Committee appointed to draw up the requirements of the University under the Fourth Five-year Plan.

(Report to be circulated later).

3. To elect two members of the Executive Council, in accordance with clause I (a) (vi) of Statute 4 of Statutes relating to the Constitution, etc. of the Subordinate authorities.

4. To report that the term of appointment of Dr. A. P. Das Gupta as Special Officer will expire on 31st December, 1964.

5. Any other matter that may be brought up with the permission of the Chair.

Sd/- P. B. Mitra

Registrar.

Rajabanshampur,  
(Dist. Darjeeling).

UNIVERSITY OF NORTH BENGAL

The following are the additional items for inclusion in the Agenda for the meeting of the North Bengal University to be held at Raj Bhavan, Calcutta, on Tuesday, the 1st December, 1964 at 9-00 A.M.

6. To place the report of the University Grants Commission assessing the requirements of the University for the Third Five Year Plan and sanctioning grants amounting to Rs. 53.47 lacs.
7. To consider the appointment of a University Engineer.
8. To consider the appointment of a whole-time Medical Officer for the University.

RajaRammohunpur,  
(Dist. Darjeeling).


  
Registrar.

PROCEEDINGS OF THE UNIVERSITY OF MEDICAL SCIENCES

The following are the resolutions passed by the Council of the University of Medical Sciences at its meeting held at the Eastern Department, Thursday, 10th December 1964 at 10.00 AM:

6. To place the report of the University Grants Commission assessing the requirements of the University for the third five-year plan and sanctioning grants amounting to Rs. 53.47 lacs. (Appendix - VI) Page -
7. To consider the appointment of a University Engineer.
8. To consider the appointment of a whole-time medical officer for the University.

Dr. A. R. M. Khan,  
(Vice-Chancellor)

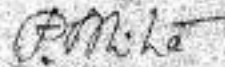
  
Registrar

UNIVERSITY OF NORTH BENGAL

Supplementary Agenda

The following additional item may be included in the Agenda for the meeting of the University of North Bengal to be held at Raj Bhavan, Calcutta on Tuesday the 1st December, 1964 at 9 A.M.

9. To consider the list of papersetters for the Pre-University B.A./B.Sc. (Old), B.A./B.Sc. Part I ( under North Bengal University rules), B.A./B.Sc./B.Com. Part II ( under Calcutta University Rules), & B.A./B.Sc. Part II ( under Calcutta University rules ) and B.T.

  
Registrar.

Rajabazar, Calcutta,  
Dist. Darjeeling.

Revised proceedings

Proceedings of the twelfth meeting  
of the University of North Bengal  
held at Raj Bhavan, Darjeeling, at  
9 A. M. on 1st November, 1964.

The following members were present :-

Shrinati Padmaja Saidu, Chancellor (in the Chair)  
Prof. B.N. Das Gupta, Vice-Chancellor  
Dr. D. M. Sen, Education Secretary, Government of West Bengal  
Mr. K. K. Ray, Finance Secretary, Government of West Bengal  
Dr. J. C. Sen Gupta, President, West Bengal Board of Secondary  
Education  
Dr. (Mrs.) S. Kazi, Member of Social Welfare Board,  
West Bengal, Darjeeling  
Mr. A. C. Roy, Principal, Bengal Engineering College, Howrah  
Dr. S. P. Sen Gupta, Dean, Faculty of Arts, North Bengal  
University  
Dr. S. N. Sen, Dean, Faculty of Science, North Bengal  
University

The Deputy Commissioner of Darjeeling was also present  
by Chancellor's invitation.

1. The proceedings of the meeting held on 29th August, 1964 were confirmed.
2. The programme of University examinations for 1965 submitted by the Vice-Chancellor was approved.
3. The Paja advance made to Office employees with concurrence of the Vice-Chancellor subject to the maximum of Rs.200/- was approved.
4. The lists of Paper-setters and Moderators for the M.A./M.Sc. examinations for 1964 as prepared by the Committee consisting of the Vice-Chancellor, Heads of the Departments concerned and Dr. J.C. Sen Gupta, were approved.
5. The proceedings of the Confirmation Committee held on 6th October, 1964 were duly approved. (as per resolution 4 of the proceedings of the meeting of the University held on 9th December, 1963).
6. The results of B.A./B.Sc./B.Com. Part I Examinations, 1964 (Calcutta University Rules) were placed before the meeting. The results were approved.

Contd.

- 2 -

7. The report of the vice-Chancellor regarding the progress of the University was discussed and it was decided that a Committee consisting of the Vice-Chancellor, Mr. K. K. Roy, Mr. A. C. Roy, Dr. J. C. Sengupta be constituted to prepare Fourth Five-Year Plan of development of the University and place it for the next meeting on 1st December, 1964.

It was further decided that Dr. (Mrs.) Kazi and Dr. R. C. Majumdar and the Deshs be requested to forward their views to this Committee.

8. A maintenance staff for the University Guest House was sanctioned on the basis of the staff sanctioned for the Bardwan University. It was, also, decided that necessary rules for the use of the Guest House should be framed.
9. The proposal of the Superior, Jesuit Fathers, Darjeeling as set out in their memorandum (attached) was considered and approved in principle. It was suggested that the proposal be examined in due course in consultation with the Church Authorities, with a view to integrating the scheme with development of the University facilities.
10. (a) The proposal of starting Post-graduate classes in the University in History, Bengali and Commerce from the current session as sanctioned by the University Grants Commission was discussed and approved.  
(b) It was agreed that Selection Committees for appointments of Professors, Readers and Lecturers in the different subjects will function in conformity with Statutes as soon as Chancellor's nominations as per clause (iii) of Ordinance 4 and clause (iv) of Ordinance 5 of the Ordinances relating to appointment, etc. of teachers of the University are obtained.
11. (a) It was decided to constitute the following visiting committee for the purpose of granting affiliation to the Jalpaiguri

Contd. .



Engineering College to the B. E. Final Standard :-

Prof. M. Sengupta, Principal, Engineering College,  
Banaras Hindu University,

" S.N. Ray, Durgapur Engineering College,  
Durgapur,

" A. C. Roy, Principal, Bengal Engineering  
College,

" N.C. Bose, Principal, Jalpaiguri Engineering  
College

(Any three shall form a quorum)

(b) It was also decided to develop the Jalpaiguri Engineering College as a constituent college with facilities for Post-graduate teaching & Research in Engineering & Technology. The Visiting Committee will recommend necessary steps that are to be taken by the State Govt. and the University in this connection.

12. The question of sinking another deep tube-well in the campus was discussed and a committee consisting of -

The Vice-Chancellor,

Principal, A.C. Roy and

Mr. E.K. Ray, was authorised to take necessary action after examining the requirements of the University and obtaining the expert advice.

\* 13. The University decided to adopt the Statutes, Ordinances, Rules and Regulations of the Burdwan University in respect of matters which are not covered by the Statutes as already adopted by this University pending the framing of its own Statutes, Ordinances etc.

\* 14. (a) The question of forming the Faculty Board of Engineering was discussed and the following composition of the Faculty Board was adopted :-

Dean - Principal, Jalpaiguri Engineering College

\*(The Chancellor desires that relevant statutes may be referred to at the next meeting and modifications, if any, should be made in conformity with provisions of the Statutes).

Contd.....

- 4 -

Head of the Department of Physics, North Bengal University  
Head of the Department of Chemistry, North Bengal University  
Head of the Department of Mathematics, North Bengal University  
Head of the Department of Civil Engineering, Jalpaiguri  
Engineering College

Head of the Department of Mechanical Engineering, Jalpaiguri  
Engineering College

Head of the Department of Electrical Engineering, Jalpaiguri  
Engineering College

Head of the Department of Physics, Jalpaiguri Engineering  
College

Head of the Department of Chemistry, Jalpaiguri Engineering  
College

Head of the Department of Mathematics, Jalpaiguri Engineering  
College.

*These details  
are given  
in a report  
of the  
J.C.C. by  
me*

Not more than three Engineers and Technologists, not  
being teachers, belonging to Government services or  
industry to be nominated by the Chancellor on the  
recommendation of the Vice-Chancellor for a period of  
one year only.

(b) It was also decided that the Principal of the Jalpaiguri  
Engineering College who is an eminent Professor and Head  
of the Department of Engineering & Technology, should be  
the Dean of the Faculty of the Engineering & Technology  
in the University of North Bengal.

15. The question of making a Crest at an early date was brought up  
and it was reported that the matter has been referred to  
Sri Surendra Nath Kar of Visva Bharati. It would be placed  
before the Chancellor as soon as it is ready.
16. The Chancellor was keen that in the present circumstances of  
the country, a sizeable area lying unused in the Campus may  
be earmarked for growing vegetables and developing orchards.  
The question of fencing was also stressed. The Chancellor  
desired that the requisite staff should be appointed for  
proper care and development of the gardens and orchards. The  
need for selecting the best type of seedlings was also stressed.  
The suggestion of the Chancellor was accepted and Dr. J.C.  
Sengupta was requested to advise in this matter.
17. As desired by the Chancellor it was agreed to sanction the

*note*

Contd.....5

- 5 -
- Necessary staff for co-operative stores, to enable the University to develop useful and modern Co-operative services for the benefit of employees and students.
18. As suggested by the Chancellor it was agreed that Dr.(Mrs.) Kazi be requested to deliver a course of lectures on health and hygiene and welfare activities especially to suit the need of the student community.
  19. In connection with the functioning of the Malda Training College it was explained by Education Secretary that the State Government have already issued necessary orders sanctioning necessary staff and expenditure. It was hoped that the Public Service Commission would complete recruitment by November.
  - ✓ 20. The question of maintenance of a Camp Office of the University in Calcutta and an Officers' Camp in Darjeeling was discussed. It was decided that in view of the continuing need for an office in Calcutta at the initial stage and for some accommodation for officers of the University visiting Darjeeling on duty, the Camp Office in Calcutta and the Officers' Camp in Darjeeling be retained for the present upto 31st December, 1964. Necessary budget provision has already been made for 1964-65. The question of maintaining these Camps after that period will be reviewed later.
  21. The question of B.A./B.Sc./B.Com. Part I (North Bengal University) scheme of Examinations came for discussion and it was decided that while the Part I Examination will remain as a University Examination, no detention of any examinee shall be made so that there may not be any loss of teaching time ~~to any teaching institution~~ to any teaching institution. The question of giving effect to this decision should be examined urgently. In framing rules in this connection the Vice-Chancellor should consult Dr. J. C. Sengupta and Mr. K. K. Ray.
  22. In regard to the proposal for the grant of Rs.5,000/- for the Shakespeare Quarter-centenary celebration in the University

Contd....

- 6 -

on the basis of rough estimates, the University decided to sanction 50% of the actual expenditure or Rs.3,000/- whichever was less.

23. A letter from Assistant Adjutant Qr. Master General dated 2nd October, 1964 to the Secretary to the Chancellor in the matter of Trans Asiatic Co. vacating North Bengal University campus was placed on the table.

It was noted that the above Company would vacate the premises by the 30th December, 1964.

The meeting then concluded with a vote of thanks to the Chair.

Dated,  
26th November, 1964.

Sd/- Padmaja Naidu  
Chancellor.

PKM.

Annexure - I

Proceedings of the twelfth meeting of  
the University of North Bengal held at  
Raj Bhawan, Darjeeling, at 9 A.M. on  
1st November, 1964.

The following members were present :-

Shrinati Pattnaya Naidu, Chancellor (in the Chair)  
Prof. B. N. Das Gupta, Vice-Chancellor  
Dr. D. M. Sen, Education Secretary, Govt. of West Bengal  
Mr. K.K.Ray, Finance Secretary, Govt. of West Bengal  
Dr. J.C.Sen Gupta, President, W.B.Board of Secondary  
Education  
Dr. S. Hazri, Member of Social Welfare Board, West Bengal,  
Darjeeling  
Mr. A. C. Roy, Principal, Bengal Engineering College, Howrah.  
Dr. S.P.Sen Gupta, Dean, Faculty of Arts, North Bengal University  
Dr.S.N.Sen, Dean, Faculty of Science, North Bengal University

The Deputy Commissioner of Darjeeling was also present  
by Chancellor's invitation.

1. The proceedings of the meeting held on 29th August, 1964 were confirmed.
2. The dates of commencement of the University examinations of 1965 were reported and approved. It was understood that as a result of any change in the scheme of examinations the dates would be suitably changed.
3. The Paise advance made to Office employees, subject to the maximum of Rs.200/-, was sanctioned.
4. The lists of Paper-setters and Moderators for the M. A./M. Sc. examinations for 1964 as prepared by the Committee consisting of the Vice-Chancellor, Heads of the Departments concerned and Dr. J. C. Sen Gupta, were reported and approved.
5. The proceedings of the Confirmation Committee held on 6th October, 1964 were reported and noted (as per resolution 4 of the proceedings of the meeting of the University held on 9th December, 1963).
6. The results of B.A./B.Sc./B.Com. Part I Examinations, 1964 (C.U. Model) were reported. It was ordered that the results be declared.

Contd.....

7. The report of the Vice-Chancellor regarding the progress of the University was discussed and it was decided that a Committee consisting of : Vice-Chancellor, Mr. K.K. Roy, Mr. A.C. Roy, Dr. J.C. Sengupta be constituted to draft a report containing the requirements of the University under the Fourth Five-year Plan and place it for the meeting on 1st December, 1964.

It was further decided that Dr. (Mrs.) Kazi and Dr. R.C. Majumdar and the Deans be requested to forward their views to this committee.

8. Maintenance staff for the University Guest House was sanctioned on the basis of the staff sanctioned for the Bardwan University.
9. The proposal of the Superior, Jesuit Fathers, Darjeeling to provide professors with foreign degrees to teach in the University and to construct a hall for residence of University students on a plot of land adjacent to the University campus was considered and approved in principle. It was decided that the proposal be examined in details, especially the relation of the proposed organisation with the University.
10. (a) The proposal of starting Post-graduate classes in the University in History, Bangali and Commerce from the current session was discussed and approved.
- (b) Selection Committees for appointments of Professors, Readers and Lecturers in the different subjects will function as soon as Chancellor's nominations as per clause (iii) of Ordinance 4 and clause (iv) of Ordinance 5 of the Ordinances relating to appointment, etc. of teachers of the University is obtained. These selection committees will act with the delegated authority of the University and will report the proceedings to the University or to the meeting of the Executive Council.
11. It was decided to constitute the following visiting committee for the purpose of granting affiliation to the Jalpaiguri Engineering College to the B.-B. Final standard :-

Contd.....

Prof. M. Sengupta, Principal, Engineering College,  
Banaras Hindu University,

\* S.K. Roy, Durgapur Engineering College, Durgapur,

\* A.C. Roy, Principal, Bengal Engineering College,

\* N.C. Bose, Principal, Jalpaiguri Engineering  
College

(Any three shall form a quorum)

12. The question of sinking another deep tube-well in the campus was discussed and it was decided to leave the final decision in the hands of a committee consisting of :-

Vice-Chancellor,

Principal A.C. Roy and

Mr. K.K. Ray,

after examining the requirements of the University and obtaining the expert advice in connection with tube-well sinking within the University campus.

13. The question of adopting the Statutes, Ordinances, Rules and Regulations of the Burdwan University in respect of matters which are not covered by the Statutes as passed and adopted by this University was approved. It was understood that when the statutes and Ordinances etc. for the North Bengal University would be framed by the Committee, they would replace those made on the basis of Burdwan University.

14. The question of forming the Faculty Board of Engineering was discussed and the following composition of the Faculty Board was adopted :-

Dean - Principal, Jalpaiguri Engineering College

Head of the Dept. of Physics, N.B. University

Head of the Dept. of Chemistry, N.B. University

Head of the Dept. of Mathematics, N.B. University

Head of the Dept. of Civil, Jalpaiguri Engineering College,

Head of the Dept. of Mechanical, Jalpaiguri Engineering College,

Head of the Dept. of Electrical, Jalpaiguri Engineering College,

Head of the Dept. of Physics, Jalpaiguri Engineering College,

Head of the Dept. of Chemistry, Jalpaiguri Engineering College,

Head of the Dept. of Mathematics, Jalpaiguri Engineering College,

Contd. ...

- 4 -

- Not more than three Engineers and Technologists, not being teachers, belonging to Govt. services or industry to be nominated by the Chancellor on the recommendation of the Vice-Chancellor for a period of one year only.
15. The question of making a Grest at an early date was brought up and it was reported that within the next fortnight a design may be approved by the Chancellor.
  16. The Chancellor expressed a strong desire that in the present circumstances of the country, a sizeable area lying unused in the Campus may be brought under vegetable gardening and orcharding. The question of fencing was also stressed. The Chancellor desired that suitable full time staff should be appointed to look after the gardens and orchards. She also emphasised that best type of seedlings should be procured and Dr. J. C. Sengupta was requested to advise in this matter.
  17. It was desired by the Chancellor that for Co-operative stores, wholetime personnel should be appointed so that a really useful and modern Co-operative stores may be organised for the benefit of employees and others.
  18. The Chancellor requested Dr. Kasi to deliver a few lectures on health and hygiene and about the welfare activities as would be in the best interests of the student community.
  19. In connection with the functioning of the Malda Training College it was pointed out that a little delay would take place since the Public Service Commission has not yet finalised recruiting necessary personnel.
  20. The question of maintaining the University Camp Office at Calcutta and the flat for Vice-Chancellor's stay and Office <sup>at Darjeeling</sup> (provided for in the revised estimates from 1963-64 and Budget estimates for 1964-65 and also included in the Annual Accounts for 1963-63) ~~is~~ ~~is~~ was discussed and it was decided that they be retained for the present upto 31st December, 1964. The question of maintaining these after that date may be reviewed later.

Contd.....



- 5 -

21. The question of B.A./B.Sc./B.Com. Part I (N.B.U.) scheme of Examinations came for discussion and it was decided that while the Part I Examination will remain as a University Examination, no detention of any examinee shall be made so that there may not be any loss of teaching time to any teaching institution. Accordingly the Vice-Chancellor will have to examine how this decision can be given effect to and make it a workable scheme. He will frame rules in order to give effect to this decision and report the rules to the University or to the Executive Council. In framing rules, the Vice-Chancellor should consult Dr. J. C. Sengupta and Mr. K. K. Roy.
22. The Vice-Chancellor made a request to the University to specially grant a donation of Rs.3,000/- for the Shakespeare Quarter - centenary celebration in the University on the basis of a rough estimate of Rs.7,000/-, as the likely total expenditure on the occasion. The University decided to sanction 50% of the expenditure but not exceeding Rs.3,000/-.
23. A letter from Assistant Adjutant Qr. Master General dated 3rd October, 1964 to the Secretary to the Chancellor in the matter of Trans Asiatic Co. vacating North Bengal University campus was placed on the table.

It was noted that the above Company would vacate the premises by the 20th December, 1964.

The meeting then concluded with a vote of thanks to the Chair.

Chancellor.

THE UNIVERSITY OF NORTH BENGAL

AGENDA PAPERS

for

the meeting of the UNIVERSITY

Date 19th May, 1965.

Time 10 A.M.

Place RAJ BHAVAN, DARJEELING.

Copy of the letter of Jesuit Fathers:

JUSTICE FATHERS  
DARJEELING REGIMS

SUPERIOR'S RESIDENCE  
NORTH POINT - DARJEELING-INDIA

August 20th, 1964.

Dr. D. M. Sen,  
Education Secretary,  
West Bengal.

Dear Dr. Sen,

In pursuance of the subject of my letter of Aug. 17th :

It was suggested by the late Honourable Dr. B. C. Roy that the Jesuit Fathers of this area co-operate in the North Bengal University Project. As you will recall, Dr. Roy was in favour of our conducting a Hostel on the University campus, and discussed with us the possibility of our teaching on the faculty there.

Supplementary to and in the light of Dr. B. C. Roy's suggestion, we would like to offer our services, and propose the following scheme for your consideration.

We would provide three professors with foreign degrees qualified to teach in the University faculties of Chemistry, History and English.

A Residential Hall would be constructed for not more than 200 Honours and Post Graduate students.

The three Professors and any others who may be considered necessary would reside in the Hall, giving tutorials to the students and offering training in such extra-curricular activities as debating, public speaking, drama, sports, etc. We would control the discipline, maintenance, study and other activities of the residence.

As to the construction of the Residential Hall, we propose that we provide the land adjacent to the University Property with adequate playing field, and 50% of the Capital cost. The entire running cost would also be borne by us. We propose that the remaining 50% of the capital cost of construction come from the Government.

We give every assurance that the requirements and conditions for which the hostel is to be established will be met by us.

I ensure you further that our men are very keen and anxious to help in this or any other way which you think may benefit the University.

Yours faithfully,

Sd/-J. McCabe, S.J.  
Superior, Jesuit Fathers  
Darjeeling.

NOTICE

A meeting of the University of North Bengal will be held at Raj Bhawan, Darjeeling, on Wednesday, the 19th May, 1965 at 10 A.M. to consider the following agenda :-

AGENDA

1. To confirm the proceedings of the last meeting held on 1st December, 1964 at Raj Bhawan, Calcutta.  
(Annexure I - Page 3)
2. To consider the Budget Estimates for 1965-66 and Revised Estimates for 1964-65 with the delegation of powers to the Finance Committee/ Vice-Chancellor to sanction re-appropriation of funds from one head of account to another, as approved by the Executive Council in its meeting held on 28th April, 1965.  
( Copy circulated )
3. To institute the degrees of Bachelor of Civil, Mechanical, and Electrical Engineering of the University, consequent on extension of affiliation to B.E. final courses of study at Jalpaiguri Engineering College as granted by the Executive Council under item No.6 of the proceedings of Council meeting held on 10th February, 1965.  
(Annexure II - Page 9)
4. To consider the question of introduction of Research and Post - graduate studies in Jalpaiguri Engineering College as recommended by the Visiting Committee appointed by the University as per resolution 11(a) of the proceedings of the University meeting held on 1.11.64.  
(Annexure III - page 10)
5. To institute the degree of Ph.D.(Doctor of Philosophy) for the University, consequent on adoption of rules for Doctoral Degrees by the Academic Council in its meeting held on 24th April, 1965 and as approved by the Executive Council.  
(Annexure IV - Page 14)
6. To institute eleven Research Fellowships of Rs.250/- per month as recommended by the Executive Council in its meeting held on 28th April, 1965.  
(Annexure V - page 17.)  
continued.....(2)

Page - 2

7. To institute Merit Scholarships of Rs.600/- per annum (i.e.,Rs.50/- per month), one for each of the existing Post-graduate Departments as accepted by the Executive Council in its meeting held on 10th February, 1965.  
(Annexure VI - page 18 )
8. To report that the Common Seal of the University has been approved by the Chancellor.  
( To be placed on the table )
9. To report the decision of the Executive Council to hold the First Convocation of the University soon after the Puja Holidays of 1965.
10. To consider any other matter with the permission of the Chair.

Dated, RajaRameshpur |  
The 7th May, 1965. |

  
Registrar.

(ASHKUSP- I)

Proceedings of the Thirteenth Meeting  
of the University of North Bengal held  
at Raj Bhavan, Calcutta at 9. A.M. on  
the 1st December, 1964.

**Members present:**

- (1) Shrimati Padmaja Maity, Chancellor (in Chair)
- (2) Prof. B.N. Das Gupta, Vice-Chancellor
- (3) Dr. (Mrs.) S. Kasi, Member of the Social Welfare Board, West Bengal,  
Darjeeling.
- (4) Principal N.C. Bose, Dean of the Faculty of Engineering and Technology,  
North Bengal University.
- (5) Mr. S. Gupta, Additional Secretary to the Finance Department, Govt. of  
West Bengal. (to report Secretary to the Finance Department, Govt. of  
West Bengal).
- (6) Principal A.C. Roy, Principal, Bengal Engineering College, Sitpore.
- (7) Dr. D.N. Sen, Education Secretary, Govt. of West Bengal.
- (8) Dr. S.N. Sen, Dean of the Faculty of Science, North Bengal University.
- (9) Dr. J.C. Sen Gupta, President, West Bengal Board of Secondary Education.
- (10) Dr. S.P. Sen Gupta, Dean of the Faculty of Arts, North Bengal University.

1. The Proceedings of the last meeting were read and confirmed except  
item No. 14 in which

(i) the asterisk mark was shifted laterally in the same line from  
its previous position to the space between "(4)" and "(a)" and

(ii) the asterisk-marked para of three lines beginning with "(The  
Chancellor desires etc.....)" was transferred as a whole to the  
space above "(b)" of the same item.

2. The circulated report of requirements of the University under the  
Fourth Five Year Plan as drawn up on the Committee consisting of the Vice-  
Chancellor, Principal A.C. Roy, Mr. K.K. Ray and Dr. J.C. Sen Gupta was  
referred back to the Committee for revision and modification as considered  
necessary in the light of further discussions.

The Registrar was appointed to act as Secretary to the Committee.

3. Item No. 3 of the agenda relating to Elections of the University  
to the Executive Council was taken up.

It was decided that Election to the Executive Council would take  
place when the Election to the University, so far pending, were completed.

It was also suggested that work relating to Election/Nomination for vacant seats in the University should be expedited.

4. The Vice-Chancellor reported expiry of the term of appointment of Dr. A.P. Das Gupta, Special Officer, on the 31st December, 1964.

The date of termination of Dr. A.P. Das Gupta's service was recorded and the following resolution adopted:-

"The work of Dr. A.P. Das Gupta in framing Statutes, Ordinances, Regulations etc. and his advice in the conduct of various departments at the initial stages of the University have been found very valuable. The University places on record their deep appreciation of the meritorious services rendered by him as a Special Officer."

It was desired that a copy of this resolution be duly forwarded to Dr. A.P. Das Gupta.

- 5.(i) In accordance with the desire of the Chancellor recorded in item No. 14(a) of the proceedings of the last meeting, the Statute 28 (under Chapter II of the Statutes relating to constitution, powers and duties of Subordinate Authorities) dealing with Faculty Board of Engineering and Technology was referred to and discussed.

The Statute was amended as follows:-

"28 Faculty Board of Engineering and Technology

shall consist of :-

- (a) Dean of the Faculty of Engineering
- (b) Head of the Department of Civil Engineering, Jalpaiguri Engineering College.
- (c) Head of the Department of Electrical Engineering, Jalpaiguri Engineering College.
- (d) Head of the Department of Mechanical Engineering, Jalpaiguri Engineering College.
- (e) Three teachers from amongst Lecturers of the Colleges of Engineering, to be nominated by the Vice-Chancellor for one year only.
- (f) Head of the Department of Physics, North Bengal University.
- (g) Head of the Department of Mathematics, North Bengal University.
- (h) Head of the Department of Chemistry, North Bengal University.

- (i) Not more than three Engineers and Technologists belonging to Government services or industry, to be nominated by the Chancellor on recommendation of the Vice-Chancellor for a period of one year only."

It was decided that the Faculty Board of Engineering and Technology composed and adopted in the last meeting in item No. 14 of the proceedings was to be substituted by the above composition of Statute 28 of the Statutes relating to constitution, powers and duties of Subordinate Authorities.

- (ii) A Building Committee was set up with the following members:-

- (i) The Vice-Chancellor (Chairman)
- (ii) Dr. (Mrs.) S. Kasi
- (iii) Principal A.C. Roy
- (iv) Principal H.C. Bose

The Registrar will act as Secretary.

The duties of the Committee will be settled by the Executive Committee.

- (iii) With reference to Item No. 9 of the proceedings of the last meeting relating to the proposal of the Superior Jesuit Father, Darjeeling, the University decided to appoint a Committee with the following members for implementation of the scheme in collaboration with the Church Fathers.

- (i) The Vice-Chancellor (Chairman)
- (ii) Dr. (Mrs.) S. Kasi
- (iii) Principal A.C. Roy
- (iv) Dean of the Faculty of Arts
- (v) Dean of the Faculty of Science.

The Registrar was appointed to act as Secretary to the Committee.

- (iv) The Vice-Chancellor referred to the proposal contained in Item No. 16 of the proceedings of the last meeting relating to Post Graduate classes in History, Bengali and Commerce in the current session and desired that the Selection Committee might be authorized to act on delegated authority of the University for purposes of recruitment of teachers to

contd.....



- 4 -

- expedite early starting of classes in these subjects.
- It was, however, pointed out that all such appointments would be made by the Executive Committee on the recommendation of the Selection Committee according to Statutes.
- (v) The question of sinking another tube well in the University Campus was discussed. The Chancellor desired that a second tube well should be sunk.  
It was decided that another tube well be sunk in the University Campus with the approval of the Committee already set up in the previous meeting held on the 1st November, 1954.
- (vi) As desired by the Chancellor, it was agreed that fencing with necessary iron gates around the University campus and especially Womens' Hostel, should be erected.
- (vii) It was decided that Construction Board of the F.N.D. should continue to work as before as agent of the University and proper steps should be taken to expedite construction work.
- (viii) For purchase of equipment/furniture, etc a Committee with the following members was set up :-
  - (i) The Vice-Chancellor (Chairman)
  - (ii) Dean of the Faculty concerned.
  - (iii) Head of the Department concerned.The Finance Officer will act as Secretary.
- The Executive Committee will frame rules to define duties of this Committee.
- (ix) The Chancellor desired that the University crest should be made available as early as possible.

contd.....

Items of Supplementary Agenda:

6. The report of the University Grants Commission assessing requirements of the University for the Third Five Year Plan on the basis of Rs. 53.47 Lacs was placed before the meeting and discussed.

It was agreed that all possible attempts should be made to utilize the grant fully and necessary steps for construction work should be urgently taken in hand.

7. The University considered the value of construction work that was to be taken in hand immediately, as also further items of work likely to be undertaken in connection with the Fourth Five Year Plan. The question of adequate maintenance service was also discussed.

It was decided to sanction the post of a University Engineer (not below the rank of an Executive Engineer, P.W.D.) in the pay scale: Rs. 700-50-750-60-1350/-.

It was also agreed in principle to sanction requisite staff of the Engineering Department on appointment of the University Engineer.

8. The post of a whole-time Medical Officer was sanctioned on a comparable scale already sanctioned at the Kalyani University.

It was further decided that a University Medical Unit of a minimum of six beds with all accessories was to be set up within the University Campus. A Committee was set up with the following members for going into details and preparation of scheme for the Medical Unit:-

- (i) The Vice-Chancellor (Convener)
- (ii) Dr. (Mrs.) S. Kasi
- (iii) Chief Medical Officer, Darjeeling.
- (iv) University Medical Officer

For issue of Paper-bottlers for the Pre-University, B.A./B.Sc. (Old),  
B.A./B.Sc. - Part I (under North Bengal University rules), B.A./B.Sc./B.Com.  
Part I (under Calcutta University rules), B.A./B.Sc. - Part II (under  
contd..

- 6 -

Calcutta University rules) and B.O. Examinations was placed on the table  
by the Vice-Chancellor.

The list of Paper - setters was approved.

The meeting concluded with a vote of thanks to the Chair.

Sd/- Padmaja Naidu,  
CHANCELLOR.

MINUTES FROM THE REPORTING OF THE MEMBERS  
OF THE EXECUTIVE COUNCIL HELD ON 15.2.65.

The report of the Visiting Committee consisting of Principal  
M. S. Nayak, Engineering College, Banaras Hindu University,  
Principal A. S. Roy, Bengal Engineering College, Shibpur and  
Principal S. B. Ray, Regional Engineering College, Durgapur on  
extension of affiliation to Jalpaiguri Engineering College upto  
the B.E. final in Civil/Electrical/Mechanical Engineering courses  
was considered and extension of affiliation upto that standard  
granted on the basis of recommendations of the Committee".

ANNEXURE . VII

The Committee consisting of *[Please refer to the last paragraph]*  
Principal M. San Gupta, Engineering College,  
Banaras Hindu University,  
Principal A.C. Ray, Bengal Engineering College, Shibpur,  
& Principal S.N. Ray, Regional Engineering College, Durgapur,  
visited the Jalpaiguri Engineering College on the 28th December,  
1964 in pursuance of a note from the Special Officer, Dr. A.P. Das  
Gupta, North Bengal University with a view to inspect the College  
and make recommendations for extension of affiliation to the  
Vinal B.E. standard in Civil, Electrical and Mechanical Engi-  
neering Courses. The committee was assisted by Principal M.C. Bose  
and was given all assistance and co-operation. The Committee  
records its thanks to Principal Bose.

Short his-  
tory of  
the coll-  
ege.

Jalpaiguri Engineering College was established in the  
year 1961-62 under the 3rd Five Year Plan as a sponsored institu-  
tion of the Government of West Bengal with the approval of the  
Planning Commission. The College was initially under the management  
of the Ad-hoc committee with the Deputy Commissioner as its  
president and started in the Jalpaiguri Polytechnic Institute.  
It was then shifted to its own premises on the 15th August, 1962.  
The present premises covers an area of 157 acres. Notification has  
already been issued for the acquisition of further 158 acres. The  
College provides 5 year integrated courses in Civil, Mechanical  
and Electrical Engineering with an intake of 30 students in Civil  
60 students in Mechanical and 60 students in Electrical Engineering.  
The College was initially affiliated to the Calcutta University  
in the first year for the B.E. Preliminary course in 1961. Since  
1962, after the North Bengal University was established, it has  
been affiliated to the North Bengal University upto B.E. Interna-  
diate standard.

Accommo-  
dation

The Committee inspected the accommodation for the class  
rooms, Laboratories, Workshops, Drawing Offices, etc. and considered  
it to be adequate for a total intake of 150 students each year in  
the three different branches of engineering. The total plinth  
area excluding workshops is 87000 sq.ft., out of which construction  
of nearly half the area is already complete and remaining half is

continued ...

is under construction. Besides, the construction of workshops and the Heat Engine Laboratory, covering 35,000 sq.ft. is also complete and occupied.

The College has purchased laboratory equipments for Equipment. different courses according to model lists of the A.I.C.T. to the extent of 4½ lakhs and equipment worth another 3½ lakhs has been ordered for.

Staff The staff position is given below:-

Posts	Sanctioned	Already appointed.
Principal	1	1
Professors	3	3
Assistant Professors	15	10
Lecturers	40	17
Workshops Superintendent	1	1
Other staff	6	6

Library Little over 2000 books and 50 Journals have already been purchased.

Hostel Accommodation. A hostel for 225 students has already been constructed and occupied and a similar unit for 225 students is under construction. Further, the College has obtained a sanction for another hostels for 150 students. The committee is of the opinion that the hostel accommodation provided for, is adequate.

Play fields for Sports and Games are under preparation.

Students Amenities. One football ground is already being used by the students. In the near future canteen, dispensary and cycle sheds will be provided, for which proposals have already been sent to the Govt. by the Governing body of the College.

A Non-recurring grant of Rs.49.825 lakhs has been sanctioned for the establishment of the College as detailed below:-

Financial position.	1.	Construction of the Main College building containing class rooms, drawing halls, Science & Electrical Engineering Laboratories etc. and offices; 87,000 sq.ft.	Rs. 18.14 lakhs.
	2.	Construction of Heat Engine Laboratory & Workshops; 35,000 sq.ft.	Rs. 5.60 "
		Total	Rs. 24.74 Lakhs

continued .....

3.	Equipment for laboratories and Workshops	...	Rs. 34.74 lakhs.
4.	College Furniture	...	Rs. 21.30 lakhs
5.	Library Books	...	" 2.385 "
			" 1.40 "
			<u>Total Rs. 49.825 "</u>

Further, recurring expenditure of Rs.6.67 lakhs is also sanctioned.

The financial position is thus adequate.

The College is managed by a Governing Body which is set up as follows:-

1. Shri K.N.Das Gupta, President, Minister-in-charge, P.W.Deptt., Government of West Bengal.
- 2-3. Two representatives of the Jalpaiguri Janasikha Samasid (to be appointed in consultation with the organisation).
  - i) Shri B.C.Chosh.
  - ii) " S.P.Roy.
- 4-5. Two representatives of the All India Council for Technical Education.
  - i) Dr.D.N.Singh, Principal, Bihar College of Engineering, Patna.
  - ii) Shri B.N.Chaudhury, Partner, Messrs. Ballardie Thompson & Mathews.
6. A representative of the Central Government in the Ministry of Scientific Research & Cultural Affairs.
 

Shri N.C.Chakravarty,  
Assistant Educational Advisor (T)  
Ministry of Education, Government of India.
7. A representative of the North Bengal University
 

Dr. S.N.Son,  
Head of the Department of Physics &  
Dean of the Faculty of Science,  
North Bengal University.
- 8-9. Two representatives of the State Government (From Deptt. of Education and Finance.)
  - i) Shri A.C.Hoy, Principal, Bengal Engineering College, (Education),
  - ii) Shri S. Gupta, Special Officer & Ex-Officio Secretary, Finance Department, Government of West Bengal (Finance).
- 10-11. Two persons nominated by the State Government to represent Industry Commerce and other interests (representatives of the Indian Tea Planters' Association and the Docars Tea Planters' Association.)
  - i) J.D.McRae Esqr. Manager, Danguajhar Tea Estate, Jalpaiguri.
  - ii) Shri K.K.Chakravarty, Special Officer, Indian Tea Planters' Association.
12. Superintending Engineer, Northern Circle, Public Works Deptt.
- 13-14. Two elected representatives of the teaching staff of the College approved by the Director of Public Instruction, West Bengal.
15. Principal, Jalpaiguri Engineering College, Secretary.

continued.....

General  
remarks.

Inspecting the location of the College the Committee felt that residential accommodation should be provided to all the staff members, particularly the teaching staff. This will give sufficient contact time of the teachers and the taught, apart from the fact that it will give necessary inducement to the staff at the time of appointment.

Recommendation.

The Committee recommends that extension of affiliation to the B.E. Final standard in Civil, Electrical and Mechanical Engineering be granted by the University.

Record &  
Post-Graduate  
studies.

Further development of the College in lines of Research and Post-Graduate studies is essential, not only for keeping the staff up-to-date and dynamic in their outlook but also for efficient under Graduate teaching. The Committee, therefore, strongly recommends that steps should be taken to initiate Post-Graduate studies and Research in all the departments of the College including the departments of Physics, Chemistry and Mathematics, as early as possible.

Sd/- M.Sen Gupta      Sd/- A.C.Roy.      Sd/- S.N.Ray.



(ANNEXURE - IV)

UNIVERSITY OF NORTH BENGAL

(As framed by the D.Phil. Committee and as adopted by the Academic Council).

Proceedings of the meeting of the D. Phil. Committee held at the University Guest House on Sunday, the 11th April, 1965 at 11 A.M. under the Chairmanship of Dr. S. P. Sen Gupta, Dean of the Faculty of Arts, University of North Bengal. The following members were present :

1. Dr. S.P. Sen Gupta - Dean of the Faculty of Arts, North Bengal University, (Chairman).
2. Dr. N. Chaudhuri - Acting Head of the Department of History, University of North Bengal.
3. Shri A.K. Mitya - Department of Commerce, North Bengal University.
4. Dr. D.P. Saha - Head of the Department of History, University of North Bengal.
5. Shri B.E. Bajpai, Head of the Department of Political Science, University of North Bengal.
6. Shri Sambhu Nath Basak - Head of the Department of Economics, North Bengal University.
7. Dr. H.F. Bhastogi, - Head of the Department of Chemistry, University of North Bengal.
8. Shri S.P. Das Gupta - Acting Head of the Department of Mathematics, North Bengal University.

DOCTOR OF PHILOSOPHY IN ARTS AND SCIENCE (D. PHIL.)

1. Any Master of Arts and Science or Master of Science (Tech.) of the University of North Bengal, or (subject to the sanction of the Executive Council) any Master of Arts or Science or Master of Science (Tech.) of any other University recognised by this University for this purpose, may apply to the Registrar for registration for the D. Phil. Degree in the subject within the purview of the Regulations in which he has obtained the Degree of Master of Arts or Science, as the case may be, or in an allied subject.

2. The applicant shall state in the application for registration his qualifications and indicate the subject which he proposes to investigate. The application must be supported by a certificate in a form to be prescribed by the Executive Council from a teacher recognised by the University for this purpose, under whose guidance he intends to carry out the work. The Executive Council may exempt a candidate from production of the certificate in special cases.

3. Every application shall be placed before a D. Phil. Degree Committee consisting of the Vice-Chancellor, the Dean of the Faculty concerned, Head of the Department in the particular subject, and two experts in the subject to be appointed by the Executive Council in consultation with the relevant D. Phil. Committee. The Executive Council will grant the application for registration for the D.Phil. Degree after considering the recommendation of the said D.Phil. Degree Committee.

4. On his application being granted by the Executive Council the applicant shall be registered and shall work for two years under a teacher recognised by the University for the purpose and prepare a thesis for the Degree. He may, not later than one year after his registration, be permitted to change the subject or scope of his research with the approval of the D.Phil. Degree Committee.

5. The Candidate for the D.Phil. Degree shall submit three type-written or printed copies of his thesis embodying the results of research and affording evidence of originality shown by him by the discovery of new facts or by a critical survey of facts or relations between facts discovered by others.

The candidate must produce along with the thesis a certificate from the teacher under whom he has worked, stating that he has fulfilled the requirements of the Regulations relating to the nature and prescribed period of research work.

P.F.O.

Notwithstanding anything contained above, the Executive Council may, in special cases, after considering the recommendation of the D.Phil. Degree Committee, permit a candidate for the D.Phil. Degree to submit a thesis prepared independently or under the guidance of a person having special knowledge in the subject or under the guidance of one of the University teachers recognized above provided that the candidate concerned has carried on research work for a period of at least two years after he has passed the M.A. or M.Sc. Examination. The candidate shall for this purpose submit an application to the Registrar which shall not be entertained unless two Doctors in any Faculty or two members of the Faculty concerned of this University or unless two members of the relevant council of Post-Graduate Teaching of this University have testified to the satisfaction of the Executive Council that in habits and character the candidate is a fit and proper person for the D.Phil. Degree. After the permission to present the thesis for the D.Phil. Degree has been granted by the Executive Council the candidate shall be enrolled as a candidate for the D.Phil. Degree in a register for such candidates on payment of usual fees. Candidates holding master's degree from the University shall pay half the usual fees for registration.

6. The candidate may also submit in support of his thesis the contents of any work he may have previously published but he shall not submit as his thesis any work for which a Degree of Distinction has been conferred on him in this or any other University. He will not, however, be precluded from incorporating any such work in a thesis covering a wider field, provided he indicates in a written statement the work so incorporated.

7. Every candidate shall forward with his thesis a fee of Rs. 200. No candidate who fails to pass or present himself for examination shall be entitled to claim a refund of his fee.

8. After considering the recommendation of the D.Phil. Degree Committee, the Executive Council shall refer the thesis to a Board of three examiners including the teacher, if any, under whom the candidate has worked.

If the thesis is approved by the Board of Examiners, they will furnish the Executive Council with a report indicating in what respects the thesis affords evidence of originality.

In respect of rules regarding unanimity report there shall be discussion at some subsequent date when the members are apprised of the relevant data from the regulations and practices of other Universities.

A panel of names of Examiners will be submitted by the Heads of the Departments of the respective subjects from which the D.Phil. Committee will select the Board of Examiners. If necessary, the D.Phil. Committee may select names outside the panel.

9. After the thesis has been approved by the Board of Examiners, the candidate shall be asked to appear at an oral examination and also in the case of a Science subject at an oral examination in respect of the subject of his thesis to be held by at least two examiners of whom the teacher, if any, under whom he worked will ordinarily be one.

The examiners may also ask questions beyond the subject of the thesis in order to satisfy themselves that the candidate has adequate knowledge of the particular branch of Arts or Science on which he has submitted his thesis.

10. If the examiners are satisfied with the oral examination, they shall submit a report to the Executive Council approving the work of the candidate.

R.I.O.

Page 10

If the candidate fails to satisfy the examiners at the oral examination, the Executive Council may on the recommendation of the examiners, permit him to appear again at the oral examination after one month but within a period not exceeding three months following the date of his failure. The fee on re-entry shall be one third the fee originally paid.

14. If the Executive Council, after considering the report of the examiners are satisfied that the candidate is worthy of the Degree of D.Phil., they shall cause his name to be published with the title of the subject of his thesis.

17. A Diploma under the seal of the University and signed by the Vice-Chancellor will be given to each successful candidate at the next Convocation held for conferring Degrees.

15. This Committee suggests that the proposed D.Phil. Degree be renamed to D.D. having regard to our higher doctoral degree likely to be introduced.

S.S. D.Phil. Registration Fee..... Rs 50/-

Dec 68

ANNEXURE - V

Page 17

EXTRACT FROM THE PROCEEDINGS OF THE MEETING  
OF THE EXECUTIVE COUNCIL HELD ON 25.4.68.

17. It was decided to award eleven Research Fellowships of Rs.250/- per month as may be recommended by the Fellowship Committee to the Executive Council. The distribution of the above eleven Fellowships be as follows for 1968-66 :-

1. Chemistry... 3	5. English ..... 1
2. Physics ... 3	6. Political Science.. 1
3. Mathematics. 1	7. Economics ... 1
4. Geography... 1	

Total ... 11

AM.  
EXTRACT FROM THE PROCEEDINGS OF THE MEETING  
OF THE EXECUTIVE COUNCIL HELD ON 10.2.66.

- "21. The proposal of nine Merit Scholarships of Rs.600/- per annum (i.e.Rs.50/- per month) for the nine Post-graduate departments in existence under the University in 1964(one for each) was accepted and it was decided that award should be made in favour of the students standing first in order of merit in the first class in their Part I examination in respective subjects."

THE UNIVERSITY OF NORTH BENGAL

AGENDA PAPER

for

the meeting of the \_\_\_\_\_ UNIVERSITY \_\_\_\_\_

Date 31st OCTOBER, 1965.

Time 10-30 A.M.

Place RAJA-RAMMOHUN UN. (SILIGURI)

UNIVERSITY OF NORTH BENGAL  
P.O. North Bengal University  
Raja-Ramohunpur, DARJEELING.

NOTICE

A meeting of the University of North Bengal will be held at the University office at Raja-Ramohunpur, on Sunday the 31st October, 1965 at 10-30 A.M. to consider the following agenda:-

Raja-Ramohunpur,  
The 14th OCTOBER, 1965.

  
Adg. REGISTRAR.

AGENDA

1. To confirm the proceedings of the last meeting held on 19th May, 1965. (ANNEXURE- I)
2. To consider the proceedings of the meeting, of the Principals of Colleges under the University of North Bengal, regarding proposals for saving time for teaching purposes in the Colleges. (To be placed on the table)
3. To report that endowments of Rs. 1500/- have been received from the following persons as per Vice-Chancellor's circular letter.
  - i) Prof. B.R. Das Gupta - (one endowment)
  - ii) Shri T.P. Banerjee - (two endowments)
  - iii) Shri S.P. Roy - (one endowment)
  - iv) Shri K.P. Mukutmani - (one endowment)
  - v) Shri A. Bhattacharjee - (three endowments)
4. To accord approval to the rules for award of Medals at the Convocation, 1965, as per recommendation of the Committee constituted by the Vice-Chancellor. (To be placed on the table)
5. To consider any other matter with the permission of the Chair.

Annexure - I

UNIVERSITY OF NORTH BENGAL

PROCEEDINGS OF THE FOURTEENTH MEETING  
of the University held at RAJ BHAVAN,  
DARJEELING at 10 A.M. on the 10th  
MAY, 1964.

Members present :-

1. Srinivati Pedraja Naidu, Chancellor (in the Chair)
  2. Prof. B.N.Das Gupta, Vice-Chancellor
  3. Dr. (Mrs.) S.Kasi, Member of the Social Welfare Board,  
West Bengal.
  4. Dr. D.M.Sen, Education Secretary, Govt. of West Bengal.
  5. Shri K.K.Roy, Finance Secretary, Govt. of West Bengal.
  6. Dr. J.C.Sen Gupta, President, Board of Secondary Education,  
West Bengal.
  7. Shri A.C.Roy, Principal, Bengal Engineering College, Sibpore.
  8. Dr. S.P.Sen Gupta, Dean of the Faculty of Arts, M. B. U.
  9. Shri M.C.Bose, Principal, Jalpaiguri Engineering College.
  10. Shri D.K.Bhattacharyya, Principal, Malda College, Malda.
  11. Shri A.N. Bhattacharyya, Malda College, Malda.
  12. Shri A. Bhattacharyya, Advocate, Biliguri.
  13. Shri V.H.Burman, Principal, Victoria College, Cooch Behar.
  14. Dr. J.K.Chandhury, Principal, Darjeeling Govt. College.
  15. Dr. R.M.Lahiri, Ananda Chandra College, Jalpaiguri.
  16. Shri R.C.Bath, Principal, Dinhata College, Dinhata.
  17. Shri S.P.Pal, Lecturer, North Bengal University.
  18. Shri S.P.Ray, Jalpaiguri.
1. Proceedings of the previous meeting held on the 1st December, 1964 were confirmed.
- On Chancellor's enquiry regarding progress of construction work in the University Campus, the Vice-Chancellor stated that the progress was slow. It was decided that in order to avoid delay the procedure may be simplified and negotiated tender with approval of the Finance Secretary might be adopted.

P.T.O.



(2)

2. The Vice-Chancellor placed the main features of the Budget Estimates for 1965-66 and revised estimates for 1964-65 with delegation of powers to the Finance Committee/Vice-Chancellor to sanction re-appropriation of funds from one head to another approved by the Executive Council.

They were adopted.

3. It was decided that the degrees of :
- Bachelor of Civil Engineering,  
Bachelor of Mechanical Engineering, and  
Bachelor of Electrical Engineering
- be instituted in the University and that the degrees be abbreviated as :-

B.E. (Civil)

B.E. (Mechanical).

B.E. (Electrical).

4. It was decided to introduce research and Post-Graduate studies in Jalpaiguri Engineering College which is to be developed into a Constituent College. The question of planning a scheme of research and Post-Graduate studies should be taken up on the recommendation of a Committee to be set up by the Executive Council.
5. It was decided that the Ph.D.(Doctor of Philosophy) degree be instituted as recommended by the Executive Council and the rules as approved by the Academic Council and as modified by the Executive Council be adopted.
6. It was decided that thirteen Research Fellowships of Rs.250/- per month be instituted (distributed as follows:- Chemistry -3, Physics-3, Mathematics - 1, Geography -1, English -1, Political Science -1, Economics -1, Botany -1, Zoology -1) and it was also decided that the number of fellowships would be increased in future for various departments of the University when sufficient progress would be made in the relevant teaching departments.

F.T.O.

(3)

7. It was decided that merit scholarships of Rs.75/- per month for one year on the basis of one scholarship for the present for each of the existing Post-Graduate departments be instituted and award be made on first class results in the Part I Examination of the University.
8. It was decided that the Common Seal of the University be approved. It was suggested that the words "North Bengal" may be engraved on the top and the word "University" at the bottom, with the design unchanged.
9. It was decided to hold the first Convocation of the University soon after the Puja Holidays of 1955. The Vice-Chancellor was requested to fix the exact date in consultation with the Chancellor. It was further suggested that one of the following persons be invited to deliver the Convocation Address :  
Dr.V.K.R.V.Sao, Dr.D.S.Kothari, Shri Asoke Mahta.
10. It was pointed out that some colleges could not provide for adequate number of lectures for want of time under the present system of Examinations.  
It was decided that the Principals of various affiliated colleges be called to a meeting to ascertain the reasons and make recommendations to improve the situation.
11. It was decided to hold the election under Statute 4(1)(vi) of the Statutes relating to Constitution, Powers and Duties of Subordinate Authorities. The names of Shri A. Bhattacharyya of Siliguri and Principal U.R.Burman of Cooch Behar were proposed and duly seconded. They were elected to the Executive Council.

The meeting concluded with a vote of thanks to the Chair.

Sd/- Padmaja Baidu  
CHANCELLOR.

# THE UNIVERSITY OF NORTH BENGAL

## AGENDA PAPERS

for

the meeting of the \_\_\_\_\_ UNIVERSITY \_\_\_\_\_

Date 12th APRIL, 1966

Time 9. A.M.

Place RAJA-RAMCHANDRA (Dist- DARJEELING)

UNIVERSITY OF NORTH BENGAL

NOTICE

The next meeting of the University of North Bengal will be held on Tuesday, the 12th April, 1966 at 9 A.M. at Raja-Ramnagar (Dt. Darjeeling) in the University Guest House to consider the following agenda.

The Chancellor will preside.

*P. Q. Singh*  
For REGISTRAR

AGENDA

1. The Chancellor will move condolence resolutions on the death of  
Shri Lal Bahadur Shastri  
Dr. H.J. Shaha.
2. To confirm the proceedings of the last meeting held on 31st  
October, 1965. (Annexure I) p.1
3. To consider the Budget Estimates for 1966-67 and Revised  
Estimates for 1965-66 with delegation of powers to the Finance  
Committee/ Vice-Chancellor to sanction re-appropriation of  
Funds from one head of account to another, as approved by the  
Executive Council in its meeting held on 6th March, 1966.  
(Annexure II)
4. To consider the Annual Accounts and the Audit reports thereon  
for the financial year 1962-63 and 1963-64 as approved by the  
Executive Council in its meeting held on 6th March, 1966.  
(Annexure III)
5. To report the progress of University by the Vice-Chancellor
6. To report the ordinances for M.A./M.Sc./M.Com (External)  
Examination as adopted by the Executive Council.  
(Annexure IV) P.3
7. To report the Ordinances for Three-Year-Degree (External)  
Examination as adopted by the Executive Council.  
(Annexure V) P.4
8. To report the decision of the Executive Council about the  
grant of Research Fellowships of Rs. 250/- each to the under-  
noted candidates, on the recommendation of the Vice-Chancellor

Name	Department
1. Shri Debranjana Datta	Chemistry
2. " Surendranath Dasu	-do-
3. " Pratip Banjan Roy	-do-
4. " Kishanlal Chatterjee	Physics
5. " Sitanshu Bimal Karanjai	Mathematics
6. " Dhirej Lal Ram Chauling	Political Science

(11)

9. (a) To approve the constitution of the Board of Studies for Engineering as revised by the Executive Council on the recommendation of the Committee consisting of the Principal, Jalpaiguri Engineering College and the Principal of the Bengal Engineering College.  
(Annexure VI) P.7
- (b) To report the repeal of Statute 34(i) in respect of Board of Studies in Engineering.
10. To report the constitution of the Buildings Committee and its powers and functions as constituted by the Executive Council.  
(Annexure VII) P.5
11. To report the establishment of a Museum under the name "Akshay Kumar Maitreya Historical Museum".
12. To report the Establishment of an Evening College at Cooch-Behar upto Degree standard in Arts and Commerce and its affiliation to the University as per resolution of the Executive Council.
13. To report the establishment of a Govt. Teachers' Training College at Balda and its affiliation to the University as per resolution of the University meeting held on 1st November, 1963.
14. To report that the Executive Council has granted affiliation to the following evening Colleges in Commerce upto Degree standard:
  1. A.C.College (Evening Section), Jalpaiguri
  2. Siliguri College (Evening Section), Siliguri
  3. Alipurdwar College (Evening Section), Alipurdwar
  4. Balurghat College (Evening Section) Balurghat.
15. To report that the Executive Council, on a representation from the Indian Oil Corporation, Govt. of India, has decided to give on lease for a term of 10 years a plot of land on a yearly rental of Rs. 1,800/- for <sup>an</sup> up-to-date Petrol Station for the convenience of the University.
16. To report that the negotiations between the University and N.F. railway are in progress for the establishment of a Flag Station in the vicinity of the University.
17. To consider any other matter with the permission of the Chair.

UNIVERSITY OF BOGHU BENGAL

Page - 1.

(ANNEXURE - I)

Proceedings of the Fifteenth meeting  
of the University held on 31.10.65  
at 10.30 A.M. at the University Office  
RAJA-RAMMOHUNPUR

Members present:-

1. Prof. B.N.Das Gupta, Vice-Chancellor (In the Chair)
2. Dr. (Mrs) S.Kazi, Member of the Social Welfare Board, West Bengal.
3. Dr. J.C.Sen Gupta, President, Board of Secondary Education, West Bengal.
4. Shri A.C.Boy, Principal, Bengal Engineering College, Sibpore.
5. Dr. S.P.Sen Gupta, Dean of the Faculty of Arts, N.B.U.
6. Dr. S.S.Chatterjee, Acting Dean of the Faculty of Science, N.B.U.
7. Shri D.K.Bhattacharyya, Principal, Malda College, Malda.
8. Shri A.N.Bhattacharyya, Malda College, Malda.
9. Shri A.Bhattacharyya, Advocate, Siliguri.
10. Shri U.S.Burman, Principal, Victoria College, Cooh Behar
11. Dr. E.N.Lahiri, Ananda Chandra College, Jalpaiguri.
12. Shri R.C.Nath, Principal, Dinhat College, Dinhat.
13. Shri S.P.Pal, Lecturer, North Bengal University.
14. Shri S.P.Boy, Jalpaiguri.

1. Proceedings of the previous meeting held on the 19th May, 1965 were confirmed.
2. To report that the following endowments of Rs. 1500/- each have been promised by each of the undernoted persons:
  - i) Prof. B.N.Das Gupta (one Endowment)
  - ii) Shri T.T.Banerjee (two Endowments)
  - iii) Shri S.P.Boy (one Endowment)
  - iv) Shri K.P.Mukutani (one Endowment)
  - v) Shri A.Bhattacharjee (three Endowments)

The meeting expressed their deep appreciation and thanks were recorded.

3. The rules for award of Medals at the Convocation of 1965 as per recommendation of the Committee constituted by the Vice-Chancellor were placed on the table and were approved for the Convocation of 1965.
4. Shri Anandamay Bhattacharjee moved the following:-
  - (a) That the Vice-Chancellor be requested to take immediate steps to open Post-Graduate classes in
    - i) Geology,
    - ii) Philosophy,
    - iii) Sanskrit,
    - iv) Law.

Contd.,.,.,3

Page - 3.

This was accepted in principle and the Vice-Chancellor was asked to make necessary preparations in this direction.

(b) That the Vice-Chancellor be requested to place before the Executive Council a scheme for introducing LL.B and LL.M courses under the University.

The Vice-Chancellor was further requested to set up a Committee to prepare the scheme mentioned above.

5. The Vice-Chancellor reported that the Principals of the affiliated Colleges under the University of North Bengal, met in the morning of the same day in connection with the proposal for preparing a scheme for saving time for teaching purposes in the Colleges. The meeting after some discussion was adjourned. It was decided that the next meeting may take place sometime at the end of November, 1965, and the matter be discussed and then the proceedings be placed before the Executive Council.

6. The Vice-Chancellor placed before the meeting the printed book for the Act, Statutes and Regulations. It was noted and recorded. The Vice-Chancellor further stated that the Rules when printed in the book form would also be placed before the meeting.

The meeting concluded with a vote of thanks to the Chair.

-CHANCELLOR

Page - 3

(ANNEXURE - IV)

Ordinances for Non-Collegiate  
students for M.A./M.Sc./M.Com.  
Examination.  
-----

1. (a) Any candidate who has passed B.A./B.Sc. Examination of this University or any other University of West Bengal, not less than three years previously, may be admitted as a non-collegiate student to M.A./M.Sc. Examination in any subject for which the syllabus does not prescribe practical examination and in which such examination is held by the University provided that the candidate had offered the appropriate subject or subjects in B.A./B.Sc. Examination as prescribed.
- (b) Any candidate who has passed the B.Com. Examination of this University or any other University of West Bengal not less than three years previously may be admitted as a non-collegiate student to the M.Com. Examination.
- (c) A candidate who is eligible to appear at M.A./M.Sc./M.Com. Examination as a non-collegiate student according to Ordinances 67(a) and (b) will have to sit for M.A. I/M.Sc. I/M.Com. I examination not less than 2 years after passing B.A./B.Sc./B.Com. examination and will have to sit for M.A. II/M.Sc. II/M.Com. II examination one year after passing the M.A. I/M.Sc. I/M.Com. I examination.



Ordinances for External/Non-Collegiate  
Candidates for THREE YEAR DEGREE COURSE.

\*\*\*\*\*

1. (i) Women or teacher candidates who passed the Pre-University Examination of this University or of any other University of West Bengal or who after passing the Pre-University Examination of any University in East Pakistan have migrated to India or those who have passed the Higher Secondary Examination of the Board of Secondary Education, West Bengal may be permitted to appear at the B.A./B.Sc./B.Com. Part I Examination of the Three Year Degree Course upto Honours Standard on fulfilment of the following conditions:-

- (a) that they have passed the Pre-University or equivalent Examination not less than one year preceding the examination at which they are going to appear, and
- (b) that, in the cases of teacher candidates, they have been employed as teachers in any recognised school or schools for at least three years at a stretch.

N.B.: A candidate who has passed the Pre-University Examination or an equivalent examination from any other recognised Indian University or Board and has been serving as a teacher of a recognised or approved educational institution of West Bengal for a continuous period of three years preceding the examination may also be permitted to appear at the Part I examination as non-collegiate candidates. Laboratory Assistants and Library Assistants of affiliated Colleges under this University shall also be treated as teachers.

(ii) Candidates other than teachers or women candidates may also be permitted to appear at the Part I examination of B.A. or B.Com. course upto pass standard provided two years have elapsed after passing the Pre-University or equivalent examination preceding the examination at which they desire to present themselves.

2. (i) For tutorial records in English (compulsory) vernacular and elective/subsidiary subjects in B.A./B.Sc. or in the subjects in B.Com. every candidate for Part I examination shall have to get himself enrolled with an affiliated College, on payment of a fee prescribed by it. He has to attend and receive from the College, at a regular interval fixed by it, a course of tutorial tasks in the subjects and submit the same to it within the dates fixed by it for assessment of the tutorial records. These tutorial records will be the basis for his tutorial marks at the Part I examination.

(ii) Every such candidate will have to apply at the time of enrolment to the Registrar, through the Principal of the College with which he has enrolled himself, for permission to appear at the Part I Examination with a non-collegiate fee of Rs. 20/- along with other requisite fees/documents. Eligible candidates who may be permitted will be intimated through the Principal. Candidates will be admitted to the examination only after the Principal has certified at the time of sponsoring the applications for admission that they have done the requisite tutorial work prescribed by the College.

(iii) The teacher and women candidates who take up science subjects will have to attend requisite practical classes in a laboratory approved by the University during the session preceding the examination at which they present themselves.

(iv) the teachers of the college in which they are enrolled will be the internal examiners for the Part I Oral Examinations.

3. The pass marks for each paper at the Part I Examination is 30% of the full marks, there being no minimum marks for the aggregate prescribed for pass.
4. (i) Candidates who are enrolled at the Part I examination will be allowed to appear at the Part II examination the following year as external or purely non-collegiate candidates. For appearing at every Part II examination they will apply to the Registrar for permission to appear at the examination with a non-collegiate fee of Rs. 20/- together with other required documents/fees. They need not enrol themselves with any College for either tutorial or attend any lecturer; only those who take up any science subject will have to attend requisite practical classes in a laboratory approved by the University.  
(ii) The marks secured by a candidate in the papers at the Part I examination will be added to the corresponding papers, if there be any, at the Part II examination for determination of pass at Part II stage (in Part I and Part II combined).  
Provided that where the paper in which a candidate fails in Part I examination does not have a corresponding paper in Part II examination, he shall have to appear again in the paper at Part II stage and pass with the requisite pass marks (along with the Part I candidates of the year in the oral examination). In such cases, students need not attend part I classes and the marks secured in tutorial at their first Part I examination will stand for subsequent years.  
(iii) Where a candidate passes the Part II examination but does not secure pass marks in the examination taken second time in the paper or papers of Part I examination, his results of the Part II examination shall be kept in abeyance till the candidate has passed in Part I Examination.  
(iv) Where a candidate fails at the examination taken second time in the paper or papers of Part I examination in which he failed previously he may appear at two of the following Part I examinations in that/those paper/papers along with other candidates for Part I examination (such candidates need not enrol themselves with any College for tutorial records).  
(v) Where a candidate fails at Part II examination but passes Part I examination taken second time, he can sit for the Part II examination at two of the following Part II examinations.
5. In order to pass the Part II examination a candidate will have to obtain at least 30% (both in theoretical and in practical separately in the cases of science papers) of the total marks for each subject at the Parts I and II examinations taken together and 34% in the aggregate.
6. (i) No candidate will be allowed to appear at the Part III examination without passing the Part I and Part II examinations taken together.  
(ii) Candidates passing the Part II examination will immediately apply to the Registrar, with a non-collegiate fee of Rs. 20/- and other documents, for permission to appear at the Part III examination in the following year. Candidates who fail to pass the Part III examination will be given two chances more to appear at the Part III examination. For permission to appear at every Part III examination they will have to apply to the Registrar together

contd.... 3.

with the non-collegiate fees and other documents/fees. The candidates who take up science subjects shall also have to attend requisite practical classes in a laboratory approved by the University.

G. (iii) A candidate shall have to obtain, in order to pass the B.A. B.Sc. or B.Com. Examination in the Pass Course, 30% marks in each subject (for a subject involving practical examination, 30% marks in theoretical and 30% marks in practical) and 34% marks in the aggregate. Candidates passing and securing 50% marks and above in the aggregate of all the three parts will be declared to have passed with Distinction.

(iv) In order to qualify for second class Honours, a candidate shall have to obtain 40% marks in the Honours subject, provided that in a science subject involving practical examination, a candidate shall not secure less than 25% marks either in theoretical or in practical papers.

A candidate shall have to obtain at least 60% marks in the Honours subject in order to be placed in the First Class, but he shall have to secure at least 40% marks separately both in theoretical and in practical.

(v) A candidate who having appeared in the Honours Course Examination has failed to obtain requisite marks for the Honours Degree shall have to satisfy the following conditions in order to pass the B.A., B.Sc. or B.Com. Examination:

- (a) that he obtains 30% marks in the Honours subject and in subsidiary subjects and compulsory subjects, provided that  $\Delta$  a science subject involving practical examination a candidate shall have to secure at least 25% marks separately both in theoretical or in practical,
- (b) that he obtains 34% marks in the aggregate.

A candidate who passes in the Honours Course but does not secure qualifying marks will be declared to have passed the examination without the word "Honours".

A candidate for the Pass Course who has failed at the Part III Examination stage in one subject only but has secured at least 40% marks in other subjects on the combined results of Parts I, II and III will be eligible to appear at a Compartmental Examination. The Examination in the subject will be held only in written papers, and also in Practical, for the subjects involving practical examination.

Draft statutes for Board of Studies  
for Engineering and Technology of the  
University of North Bengal. (ANNEXURE- VI )

1. There may be one Board only for all the branches of Engineering.
2. The Board of Studies for Engineering and Technology shall consist of:-
  - a) The head of the department of teaching in the University and the heads of the teaching departments in the Constituent Colleges.
  - b) Other teachers of the University and of the Constituent Colleges upto the rank of Assistant Professor of the subject or subjects in respect of which the Board is constituted.
  - c) Not more than three Assistant Professors or Senior Lecturers of the affiliated colleges in the subject concerned nominated by the Vice-Chancellor. (Senior Lecturer means teacher designated as such by the State Government).
  - d) Not more than three lecturers of the affiliated colleges in the subject concerned nominated by the Vice-Chancellor.
- 3.(1) The members of a Board shall hold office for three year.  
(2) If any vacancy occurs on a Board the Vice-Chancellor in consultation with the Dean of the Faculty concerned shall fill the vacancy.
4. The Dean of the Faculty of Engineering and Technology shall act as the Chairman of the Board. In case of absence of the Dean, the seniormost member may preside or the Vice-Chancellor may appoint a Chairman.
5. The duties of the Board shall be:-
  - (a) To recommend to the Academic Council, through the Faculty Board, courses of study for the various examinations of the University in the subject or subjects with which the Board is concerned;
  - (b) to recommend to the Academic Council through the Faculty-Board, books for study including text books;
  - (c) to consider the reports of the Examiners in the appropriate subjects and make recommendations relating to improvements in the method of teaching, study and examination;
  - (d) to consider and report on all matters that may be referred to it by the Academic Council or by the Faculty;
  - (e) the Board may form sub-committees from time to time with teachers of relevant subjects of the University and of the Constituent and affiliated colleges for advising the Board in discharging its duties as enumerated above.

The rules relating to the composition  
of the Buildings Committee and its  
powers and functions.

(ANNEXURE- VII)

1. There shall be a Buildings Committee consisting of the following:

Vice-Chancellor      Chairman,  
Principal, Bengal Engineering College, Shibpur, Howrah,  
Principal, Jalpaiguri Engineering College,  
A member of the Executive Council, North Bengal University,  
Finance Officer, North Bengal University,  
University Engineer (Secretary),

to advise the Executive Council on all matters connected with construction of buildings, Road and any other development works in the University.

2. The following shall be the powers and functions of the Buildings Committee:-

- (i) To consider and frame proposals for the expenditure of all allotments for University works.
- (ii) To call for preliminary estimates for the same from the University Engineer and to examine and pass them and to make recommendations as to the order in which such works should be carried out.
- (iii) To allot such funds as may from time to time be placed at its disposal for such works as have been approved by the Executive Council.
- (iv) To take all necessary action to execute original as well as maintenance of all works within sanctioned allotment of funds and to advise as to the security to be taken where tender has been accepted.
- (v) To advise that plans and estimates for every work other than a petty work, the probable cost of which is less than Rs. 1,000/-, are prepared and provisionally sanctioned by the proper authority, provided that no plan shall be required for an ordinary work which entails no alteration in the original designs of any building.
- (vi) To advise the University generally in all matters connected with public works connected with University.
- (vii) To delegate to the University Engineer the power of sanctioning contracts and works for less than Rs. 3,000/- within budget allotment.
- (viii) To delegate to the Vice-Chancellor the power of sanctioning contracts for works less than Rs. 20,000/- within budget allotment.
- (ix) To delegate to the Vice-Chancellor the power of sanctioning works for less than Rs. 5,000/- under emergency.

\*\*\*\*\*

UNIVERSITY OF NORTH BENGAL

AGENDA PAPERS

for

the meeting of the \_\_\_\_\_ UNIVERSITY \_\_\_\_\_

Date 16th MAY, 1966

Place SAJ BHABHA, (DARJEELING)

UNIVERSITY OF NORTH BENGAL

NOTICE

The seventeenth meeting of the UNIVERSITY of North Bengal will be held on Monday, the 16th May, 1966, at 4 P.M. at Raj RAJWAN, Darjeeling, to consider the following agenda :-

Dated, Raja-Rasmanjpur,  
the 27th April, 1966.

*P. B. Mitra*  
Vr. Registrar.

AGENDA

1. To confirm the proceedings of the previous meeting of the UNIVERSITY held on 12th April, 1966 at Raja-Rasmanjpur.  
(Annexure-I) Page - 1.
2. To consider and approve the Budget Estimates for 1966-67 and Revised Estimates for 1965-66 with delegation of powers to the Finance Committee / Vice-Chancellor to sanction the appropriation of funds from one head of account to another as approved by the Executive Council in its meeting held on 6th March, 1966 together with explanatory notes showing the present level of operations and new schemes.  
(To be circulated later)
3. To report that the Executive Council has granted temporary Honours affiliation (with conditions) to Darjeeling Govt. College in English and Physics subject to the approval of the UNIVERSITY on Inspection Report (Inspection to be held on 27th April, 1966).
4. To report that the constitution of the Board of Studies in Education has been found unworkable and accordingly to amend Statutes 33(a) and (d) of the Statutes relating to constitution, powers and duties of the sub-ordinate authorities as recommended by the Expert Committee appointed by the Vice-Chancellor for the purpose.
5. To report the resignation of Shri P. B. Mitra, Registrar, University of North Bengal with effect from 1.5.66.

P.T.O.

(11)

6. To report that the undermentioned posts of Assistant Lecturer-  
ships have been created by the Executive Council in the following  
departments : -

Name of the Departments: No. of posts created.

Geography	...	2
Commerce	...	2
Physics	...	3

7. To report that Lt. P.K.Chatterjee, Lecturer in the Department  
of Economics, has been appointed to act as Proctor of the  
University of North Bengal for maintaining discipline as per  
resolution of the Executive Council. (Powers and duties of the  
Proctor as prescribed by the Executive Council are given in  
Annexure - II)....Page-7.



(ANNEXURE-1)

Page - 1.

PROCEEDINGS of the Sixteenth meeting  
of the University held on 12.4.1968  
at 9 A.M. at the University Office  
RAJA-SAMMANTAPUR.

Members present :-

1. Shripati Padmaja Naidu, Chancellor, (In the Chair)
2. Prof. B.M.Das Gupta, Vice-Chancellor.
3. Dr. B. Datta, Secretary, Department of Education,  
Govt. of West Bengal.
4. Shri J. L. Kundu, Finance Secretary, Department of Finance,  
Govt. of West Bengal.
5. Dr.(Mrs.) S. Kazi, Member of the Social Welfare Board,  
West Bengal.
6. Shri A.C.Roy, Principal, Bengal Engineering College,  
Siligore, Howrah.
7. Dr. S.P.Sen Gupta, Dean of the Faculty of Arts, M.S.U.
8. Dr. S.N.Sen, Dean of the Faculty of Science, M.S.U.
9. Shri H.C.Dose, Dean of the Faculty of Engineering and  
Technology, M.S.U.
10. Shri A.N.Bhattacharjee, Malda College, Malda.
11. Dr. R.N.Lahiri, Aranda Chandra College, Jalpaiguri.
12. Shri A. Bhattacharyya, Advocate, Siliguri.
13. Shri S.P.Roy, Jalpaiguri.
14. Shri U.N.Karman, Principal, Victoria College, Cooh Bihar.
15. Shri R.C.Math, Principal, Dinhat College, Dinhat.
16. Shri S.P.Pal, Lecturer, North Bengal University.

1. The Chancellor moved the following resolutions : The resolutions  
were passed all members standing in silence.

" This University mourns the death of Shri Lal Bahadur Shastri,  
former Prime Minister of India, whose sudden passing away has  
created a void which will be difficult to fill for a long time  
to come. His amiable disposition, human understanding and  
exemplary character made him a most lovable leader of Indian  
affairs. His breadth of vision, love for peace and good rela-  
tions, his all embracing sympathy for mankind made him not  
only a popular Statesman but a Statesman of rare friendliness,  
integrity and dependability. In him we have lost a sincere  
friend and well-wisher and an ardent missionary for world peace.

This meeting conveys condolences to the bereaved family "

F.T.O.

\* The University mourns the premature death of Dr. Harni Jehancir Dhaba. He was one of the distinguished scientists of Nuclear Physics and his contributions in the domain of cosmic-ray Physics have been recognised all over the world. The establishment and development of Atomic Energy Organisation in India showed his organisational abilities which have secured for India a prominent place in the Nuclear map of the world. By his death, India has lost a great scientist-administrator and the Universities of India a profound scholar of Science.

This meeting conveys condolences to the bereaved family \*.

2. The proceedings of the previous meeting held on 31st October, 1965 were confirmed.
3. The Budget Estimates for 1966-67 and Revised Estimates for 1965-66 with delegation of powers to the Finance Committee/Vice-Chancellor to sanction re-appropriation of Funds from one head of account to another as approved by the Executive Council in its meeting held on 6th March, 1966 were placed before the meeting and after some discussion it was decided that the Budget as prepared together with explanatory notes showing the present level of operations and how savings should be placed before the next meeting for approval.
4. The Annual Accounts and Audit reports for the financial year 1962-63 and 1963-64 as approved by the Executive Council in its meeting held on 6th March, 1966 were placed before the meeting and they were recorded.
5. The report of the Vice-Chancellor on the progress of the University was noted.  
(Appendix -I) Page - 4.
6. The draft ordinances for the M.A./M.Sc./M.Com. (External) Examinations were placed before the meeting and were approved. (Appendix-II) Page-6.
7. The draft Ordinances for the Three Year Degree (External) Examinations as framed by the Executive Council in its meeting held on 25.9.66 were approved.
8. The decision of the Executive Council about the award of Research Fellowships of Rs.250/-P.M. each to the undermentioned candidates were noted:

<u>Name</u>	<u>Department</u>
1. Shri Debranjai Dutta	Chemistry
2. Shri Samprendra Nath Basu	Chemistry
3. Shri Pratip Ranjan Roy	Chemistry
4. Shri Biswanil Chatterjee	Physics
5. Shri Sitansukhimal Karanjai	Mathematics
6. Shri Dhiraaj Ran Rai Chandel	Political Science.

Page - 2.

9. The constitution of the Board of Studies for Engineering as adopted by the Executive Council in its meeting held on 29.1.66 was placed before the meeting. The meeting approved the constitution of the Board and decided to amend statute 35 accordingly.
10. The Constitution, Powers and Functions of the Buildings Committee as adopted by the Executive Council in its meeting held on 29.1.66 were recorded.
11. The report of the establishment of a Museum under the name "Atishay Kumar Maitreya Historical Museum" was noted.
12. The report of the establishment of an Evening College at Cooh - Behar upto Degree Standard in Arts and Commerce and its affiliation to the University was recorded.
13. The report of the establishment of a Govt. Teachers' Training College at Malda and its affiliation to the University was noted.
14. The report of the grant of affiliation to the undermentioned colleges upto Degree standard in Commerce was noted.
  1. A.C.College (Evening Section) Jalpaiguri
  2. Siliguri College (Evening Section) Siliguri
  3. Alipaduar College (Evening Section) Alipaduar
  4. Balurghat College (Evening Section) Balurghat.
15. The decision of the Executive Council for leasing out a plot of land to the Indian Oil Corporation was discussed and the meeting referred it back to the Executive Council for considering all aspects of the question.
16. The negotiations between the University and N.Y.Railway authorities for the establishment of a Flag Station in the vicinity of the University were considered but the meeting decided to allot such a portion of the University land as would not be considered essential for the developmental works of the University.

CHANCELLOR.

PROGRESS REPORT OF THE UNIVERSITY  
(APPENDIX - I)

The University has made satisfactory progress so far in as much as the enrolment in Post-Graduate classes is about 600 and the number affiliated Colleges is 23 including evening Colleges recently started at Alipurdwar College, Belurghat College, Jalpaiguri A.C. College and Siliguri College. It may also be mentioned that the University has given affiliation in Honours to Colleges like Siliguri College, Jalpaiguri A.C. College, P.D. Moran's College Birganj College, St. Joseph's College and Darjeeling Govt. College in different subjects.

In respect of construction of Buildings within the Campus, the progress, though not sufficiently satisfactory and adequate, is not altogether negligible. I have to regretfully note that the Construction Board has not been able to give us desired progress in respect of either teaching blocks like Physics, Chemistry and Mathematics or Library Building or Teachers' Hostel. With the help of the Education Department and the Finance Department of West Bengal Government, all attempts were made and all pressure was laid on the Construction Board yet expeditious work was not obtained except towards the end of February of this year. The Third Five Year Plan period is over and I cannot say that adequate accommodation would be available in the beginning of next session when the enrolment will go up - particularly with new departments like Sanskrit, Philosophy, etc. without which students of North Bengal are experiencing special difficulty. We are expecting one Men's Hostel and one Women's Hostel by August, 1966. Yet I feel the pressure on accommodation will not be reduced in view of the fact that the each single seated room is being occupied at present by two boarders. In this respect I must thank the University students both men and women that they have cheerfully agreed to suffer the inconveniences.

The University celebrated the Shakespeare Quarter-Centenary and also the Centenary of Bankim Chandra's Durgamundini with enthusiasm which evoked high appreciation in all quarters.

P.T.O.

Page- 5.

The Inter College Sports took place amidst good deal of enthusiasm apart from the Annual University Sports and Cultural functions.

The first Convocation took place in October, 1965 and it was largely attended. The Chancellor could not come due to extremely important previous engagement but it was attended by the Education Minister and addressed by Dr. V. K. S. V. Rao, Member, Planning Commission.

A historical museum has been started under the name "Akshay Kumar Maitray" the well-known historian of North Bengal.

With the help of State Government and of University Grants Commission, Physics and Chemistry Laboratories have been well developed and the University Library well organised with about 25,000 books of M.A./M.Sc./M.Com. standard.

The Engineering College situated in Jalpaiguri is rapidly becoming popular as it is becoming more and more useful. It is a matter of great satisfaction that the first batch of Bachelor of Engineering will come out from the Examination of 1966. The institution is being specially looked after by the Principal of Bengal Engineering College and the Principal Jalpaiguri Engineering College.

A general check up of the health of the students is being carried on but due to want of equipments within the Campus and qualified experts the work is slowly progressing. It is felt that satisfactory work in this direction would be done before the end of the session.

It is hoped that the future of this University will become brighter as students and teachers of the University will make continued efforts in making this University a real seat of learning.

\*\*\*\*\*

Ordinances for Non-Collegiate  
students for M.A./M.Sc./M.Com.  
Examination.  
-----

1. (a) Any candidate who has passed B.A./B.Sc. Examination of this University or any other University of West Bengal, not less than three years previously, may be admitted as a non-collegiate student to M.A./M.Sc. Examination in any subject for which the syllabus does not prescribe practical examination and in which such examination is held by the University provided that the candidate had offered the appropriate subject or subjects in B.A./B.Sc. Examination as prescribed.
- (b) Any candidate who has passed the B.Com. Examination of this University or any other University of West Bengal not less than three years previously may be admitted as a non-collegiate student to the M.Com. Examination.
- (c) A candidate who is eligible to appear at M.A./M.Sc./M.Com. Examination as a non-collegiate student according to Ordinances 97(a) and (b) will have to sit for M.A. Part I/ M.Sc. Part I/ M.Com. Part I Examination not less than two years after passing B.A./B.Sc./B.Com. Examination and will have to sit for M.A. Part II/ M.Sc. Part II/ M.Com. Part II Examination one year after passing the M.A. Part I/ M.Sc. Part I/ M.Com. Part I Examination.

(ANNEXURE- II)

The rules relating to the appointment  
of the Proctor and his duties and functions.

1. There shall be, for the maintenance of the general discipline of the University, a Proctor to whom the Vice-Chancellor may delegate such of his disciplinary powers as he may think fit.
2. The Proctor shall be appointed by the Executive Council on the recommendation of the Vice-Chancellor for a period of three years or less as the Executive Council may determine in any particular case.
3. All disciplinary powers affecting students which are not vested in the Head of the Department and the Dean or Principal of the University College (if any) or Superintendent of Hostel shall be exercised by the Proctor under the direction of the Vice-Chancellor.
4. The Proctor shall take disciplinary action in the case of all Post-Graduate students of the University both resident and non-resident and also of all the students of the University College (if any) who are guilty of misbehaviour or improper conduct elsewhere than within the class rooms and College buildings and hostels.
5. Any disciplinary action taken, under exceptional circumstances, by the Proctor in the case of a student who should have come under the Head of the Department or the Dean or the Principal or Superintendent of Hostel should be reported to the Head of the Department, the Dean or the Principal or Superintendent of Hostel concerned for approval.
6. All breaches of discipline involving expulsion either from the hostel, College or the University shall be reported through the Proctor to the University.
7. The Proctor shall be empowered to impose fines upto Rs.50/- .
8. The Proctor shall have the power to recommend to the Vice-Chancellor, the rustication or expulsion of a student from the University.
9. A student, on whom any disciplinary action is sought to be imposed, will have an opportunity of submitting explanation to the Vice-Chancellor for consideration before final decision is taken by the authorities.

THE UNIVERSITY OF NORTH BENGAL

AGENDA PAPERS

for

the meeting of the \_\_\_\_\_ UNIVERSITY \_\_\_\_\_

Date \_\_\_\_\_ 6th September, 1966.

Time \_\_\_\_\_ 10 A.M.

Place \_\_\_\_\_ RAJ BHAVAN, CALCUTTA.



UNIVERSITY OF NORTH-BENGAL

NOTICE

The EIGHTEENTH MEETING of the University of North Bengal will be held on Monday, the 6th September, 1966, at 10 a.m. at Raj Bhavan, Calcutta to consider the following agenda : -

A G E N D A

1. To confirm the proceedings of the previous meeting of the UNIVERSITY held on May 18, 1966 at Raj Bhavan, Darjeeling.  
(Annexure - I) Page- 1  
Decision : -

2. To receive a report from the Vice-Chancellor on the progress and problems of the University.  
(Annexure -II)  
(To be placed)  
Decision : -

3. To report that the date of the Second Convocation of the University has been fixed to be held on October 10, 1966, and that Mrs. Indira Gandhi, the Prime Minister, has kindly consented to address the Convocation.  
Decision : -

4. To consider reconstituting the Statute Committee of the University consisting of the following members : -

- 1) The Vice-Chancellor,
- 11) Dr. B. Datta, Secretary, Govt. of West Bengal, Ministry of Education.  
( in place of Dr. B.N. San )

P. I. O.

- ii)
- iii) Mr. J.L.Kundu, Secretary, Govt. of West Bengal,  
Ministry of Finance  
( in place of Mr. K.K.Hay)
  - iv) Mr. J.Mallik, President, West Bengal Board  
of Secondary Education,  
( in place of Dr. J.C.Sengupta)
  - v) Mr. A.Bhattacharjee, Member of the Executive  
Council and the University,  
( in place of Prof. A.C.Roy)
  - vi) University Registrar.

Decision: -

5. To consider and approve the recommendation of the Executive Council to constitute a Statute Sub-Committee consisting of i) The Vice-Chancellor, ii) Mr. A.Bhattacharjee, and iii) the Registrar for reconciling discrepancies in the printed copy of the Statutes and the Statutes approved by the University, and for recommending modifications, if any.

Decision: -

6. To consider and approve the recommendation of the Executive Council to constitute a Council of Principals of the affiliated Colleges and make Statutory provision for such Council.

Decision :-

7. To appoint a Committee consisting of i) The Vice-Chancellor, ii) Deans of the Faculties of Arts, Science, and Engineering & Technology, iii) Shri A.Bhattacharjee, iv) Registrar, v) Finance Officer,

P. P. O.

(iii)

vi) Controller of Examinations and vii) Inspector of Colleges, for making all necessary arrangements in connection with the Second Convocation of the University to be held on October 10, 1966.  
Decision : -

8. To approve the action of the Executive Council in appointing Shri B.X. Bajpai and Shri S.K. Ghose respectively as the Registrar and the Finance Officer of the University as recommended by a Selection Committee, constituted for the purpose.

(Annexure- III A) Page- 4  
" III B) " - 5

Decision: -

9. To report the decision of the Executive Council that the proposal for leasing out a plot of University land to the Indian Oil Company be dropped.

Decision : -

10. To report the decision of the Executive Council to accept a cheque for the sum of Rs. 3,000/00 from Messrs. East India Pharmaceutical Works Ltd, Calcutta for instituting one Research Fellowship in the Department of Chemistry under the supervision of Dr. H.N. Khastgir, Head of the Dept. of Chemistry.

Decision: -

(iv)

11. To approve opening of a Vice-Chancellor's Establishment at Calcutta and an Office-cum-Guest House at Darjeeling.

Decision :-

12. To report the decision of the Executive Council about the award of Research Fellowship of Rs.250/00 each to the undermentioned candidates :

<u>Name</u>	<u>Department</u>
1. Shri Debabrata Goswami	Botany
2. Shri Dipak Chatterjee	Zoology

and the B.I.P.W. Research Fellowship of Rs.200/00 p.m. to Shri Debaranjan Misra.

Decision :-

13. To report that as requested by the Railway Authorities the Executive Council suggested the name of a local contractor, Shri H.K.Datta for undertaking the construction of a Flag Station on a plot of University land near the Campus.

(Annexure -IV) Page- 6

Decision: -

14. To report that Dinhati College has been granted temporary affiliation for conducting courses in Pre-University and First Year Degree in Science on such conditions as laid down by an Inspection Board.

Decision :-

P.T.O.

(v)

15. To report that the system of B.A./B.S./B.Com. Examinations in three parts has been discontinued and the Executive Council approved the introduction of such Examinations in two parts (similar to Calcutta University) as suggested by the Principals of the affiliated Colleges and recommended by the Academic Council.

Decision :-

16. To approve the action of the Executive Council in suspending the existing Ph.D. Rules as some discrepancies have been noticed between the Rules approved by the University and the Printed Copy, and to adopt the Rules followed by the University of Calcutta till such time as the finalisation of Ph.D./D.Litt./D.Sc. Rules framed by a Committee consisting of i) the Vice-Chancellor, ii) Deans of the Faculties, iii) Dr. H.N. Khastgir, iv) Dr. Q.P. Sinha, v) Mr. U.R. Barman, and vi) the Registrar.

Decision :-

17. To report the decision of the Executive Council in instituting the award of diplomas mentioning 'external' to private candidates.

Decision:-

(vi)

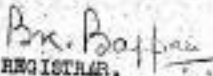
18. To consider and approve the use of an acre of University land to the West Bengal Board of Secondary Education on such terms and conditions as mentioned in their letter.

(Annexure- V A) Page - 8  
" " V E)  
(To be placed)

Decision : -

19. Any other matter with the permission of the Chair.

Dated, Raja Ramohunpur,  
The 24th August, 1966.

  
REGISTERAR.

(ANNEXURE - I)

Proceedings of the Seventeenth Meeting  
of the University held on 16.3.66 at  
4 P.M. at Raj Bhavan, Darjeeling.

Members present :-

1. Shrinati Padmaja Maitu, Chancellor (In the Chair)
2. Prof. B.N. Das Gupta, Vice-Chancellor.
3. Dr. B. Datta, Secretary, Department of Education,  
Govt. of West Bengal.
4. Dr. (Mrs.) S. Kazi, Member of the Social Welfare Board, West Bengal.
5. Shri A.C. Roy, Principal, Bengal Engineering College,  
Siliguri, Howrah.
6. Dr. S.P. Sen Gupta, Dean of the Faculty of Arts,  
North Bengal University.
7. Dr. S.N. Sen, Dean of the Faculty of Science,  
North Bengal University.
8. Shri W.C. Bose, Dean of the Faculty of Engineering & Technology,  
North Bengal University.
9. Dr. R.M. Lahiri, Ananda Chandra College, Jalpaiguri.
10. Shri A. Bhattacharjee, Advocate, Siliguri.
11. Shri U. R. Survan, Principal, Victoria College, Cooh Behar.
12. Shri A.C. Nath, Principal, Dinhatia College, Dinhatia.
13. Shri S.P. Pal, Lecturer, North Bengal University.

1. The proceedings of the previous meeting held on 12.4.66 were confirmed.
  2. The University adopted the Budget Estimates for 1966-67 and Revised Estimates for 1965-66 with delegation of powers to the Finance Committee/Vice-Chancellor to sanction the appropriation of funds from one head of account to another as approved by the Executive Council in its meeting held on 6.3.66 together with the explanatory notes showing the present level of operations and new schemes.  
(Note :- The Chancellor extended the date of submission of the Budget Estimates for 1966-67 and Revised Estimates for the year 1965-66 upto 16th May, 1966. )
  3. The University approved the granting of temporary Honours affiliation to Darjeeling Govt. College in English and Physics on the conditions laid down in the Inspection Report.
  4. The University approved the composition of the Board of Studies for Education as adopted by the Executive Council in its meeting held on 15.5.66 and decided to amend Statute 35 as per appendix -1
- Page-3,

P.T.O.

(11)

The meeting decided to delete the 'Explanation' given in Statute 34(1) and in schedule 1 at Pages 15 and 17 of the Statutes relating to Constitution, Powers and Duties of the Subordinate Authorities,

5. The University recorded the report of the resignation of Shri P.B. Mitra, Registrar, University of North Bengal with effect from the afternoon of 20th April, 1966.
6. The meeting recorded the report stating that the following temporary posts of Assistant Lecturers in the Departments mentioned against each have been created by the Executive Council.

Name of Departments.	No. of posts created.
Geography	2
Commerce	2
Physics	3

7. The meeting recorded the appointment of the Proctor of the University. The Executive Council appointed Lt.P.K.Chatterjee, Lecturer, Department of Economics as Proctor. The Powers and Duties of the Proctor as adopted by the Executive Council were discussed and the meeting desired that this should again be placed before the Executive Council for further consideration.

8. Dr. R.M.Lahiri moved the following :-

" That the Chair in History under the U.B.U. be named after Sir Jadunath Sarkar, the eminent Indian Historian who was an inhabitant of North Bengal "

The meeting decided after some discussion that the Chair in History would be named after Sir Jadunath Sarkar as and when the Chair is established.

9. The Chancellor drew the attention of the members to the fact that the term of office of Prof. B.N.Das Gupta, the first Vice-Chancellor, would be over on the 31st May, 1966. She expressed her appreciation of the services rendered by Prof.Das Gupta for the establishment and development of the University and also expressed the hope that his advice and help would continue to be available to the members. All the members of the University joined the Chancellor in recording their appreciation of the services rendered by Prof. Das Gupta to the University.

The meeting ended with a vote of thanks to the Chair.

Sd/- Padmaja Haidu,  
CHANCELLOR.



(APPENDIX - I)

Recommendation of the Expert Committee with regard to the  
Constitution of the Board of Studies in Education :-

35. Each Board shall consist of :-

- (a) The Head of the relevant department of teaching in the University and the Heads of the relevant teaching departments in the Constituent Colleges.
- (b) Teachers of the University and of the Constituent Colleges of the subject or subjects in respect of which the Board is constituted.
- (c) The Principals of all the Teachers' Training Colleges as ex-officio members.
- (d) Three members from Lecturers and Asstt. Professors of the Teachers' Training Colleges under the University to be nominated by the Vice-Chancellor.
- (e) One member from Lecturers attached to the department of Education of Degree Colleges under the University to be nominated by the Vice-Chancellor.

(Annexure- III A)

A Selection Committee consisting of the following members  
met in D.P.I's Committee Room at 10 a.m. on 29th June, 1966 :-

1. Shri A.C.Roy,  
Vice-Chancellor,  
North Bengal University.
2. Dr. B. Datta,  
Secretary, Education Department,  
Government of West Bengal.
3. Shri H. Banerjee, I.C.S.(Retd.)  
Vice-Chancellor,  
Rabindra Bharati University.
4. Shri J.L.Kundu, I.A.S.  
Financial Commissioner,  
Government of West Bengal.

Five candidates were called for interview of whom only  
three appeared. The Committee recommended Shri B.K.Bajpai,  
at present Reader, Political Science Department, North Bengal  
University for appointment as Registrar of the North Bengal  
University.

The other two candidates namely Principal S.C.Kar and  
Principal S.N.Noy may be considered for appointment to the post  
of Inspector of Colleges in order of preference as mentioned above.

Sd/- A.C.Roy	Sd/- B.Datta	Sd/- H.Banerjee	Sd/- J.L.Kundu
29/6/66	29/6/66	29/6/66	29/6/66

(Annexure-III B)

A Selection Committee consisting of the following members met at 10 A.M. in D.P.I.'s Committee Room on 29th June, 1966 :-

1. Shri A. C. Roy,  
Vice-Chancellor, North Bengal University,
2. Dr. B. Datta,  
Secretary, Education Department,  
Government of West Bengal,
3. Shri H. Banerjee, I.C.S. (Retd.)  
Vice-Chancellor,  
Babindra Bharati University,
4. Shri J. L. Kundu, I.A.S.  
Financial Commissioner,  
Government of West Bengal.

Two candidates were called to the interview, both of whom appeared.

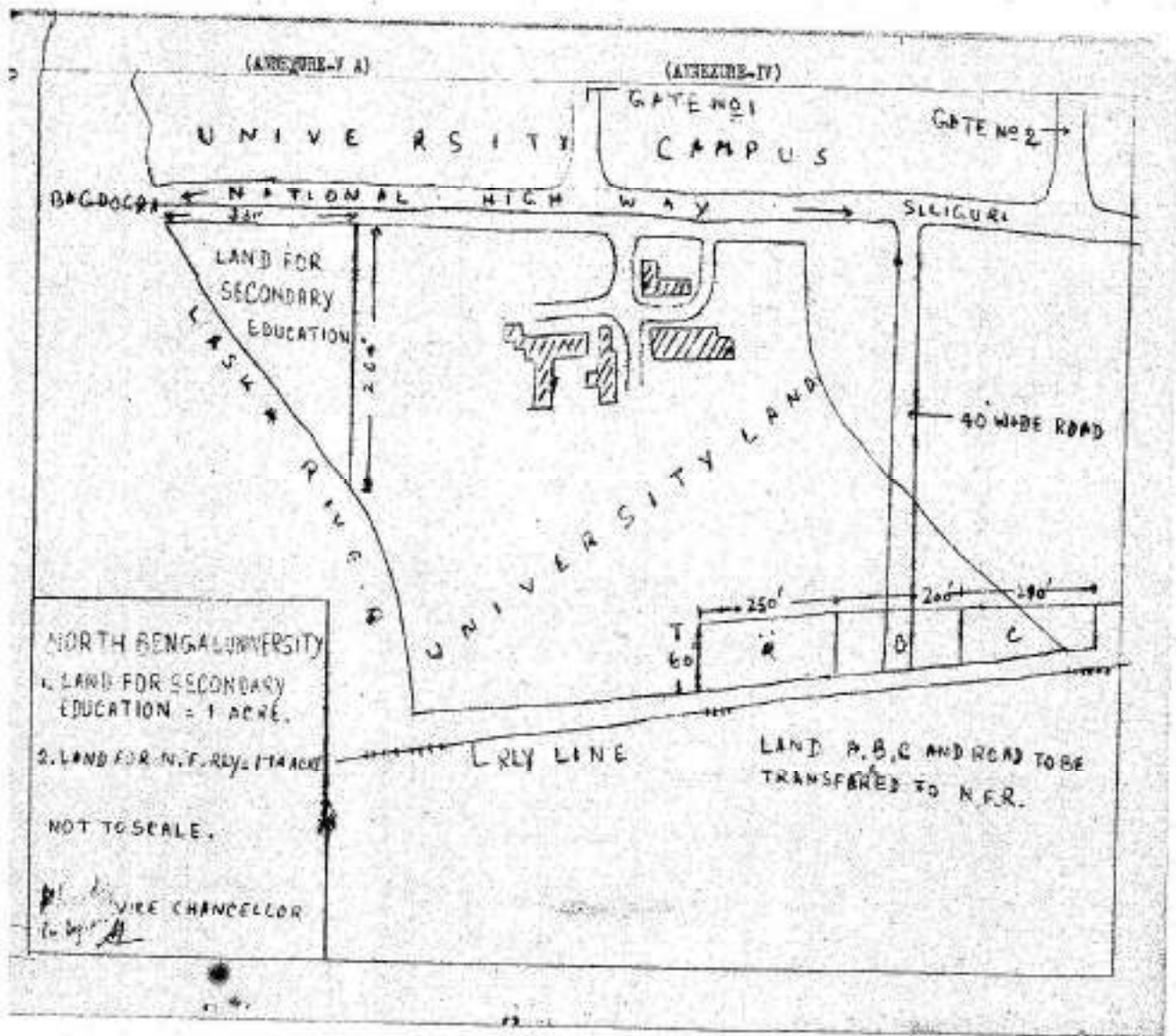
The Committee recommended Shri S.K.Ghosh, at present Accounts Officer, Bengal Engineering College, for appointment as Finance Officer of the North Bengal University.

Sd/ A.C.Roy  
29/6/66

Sd/- B.Datta  
29/6/66

Sd/- H.Banerjee  
29/6/66

Sd/- J.L.Kundu  
29/6/66.



THE UNIVERSITY OF NORTH BENGAL

AGENDA PAPERS

for

the meeting of the \_\_\_\_\_ UNIVERSITY \_\_\_\_\_

Date 9th October, 1966

Time 5 P.M.

Place RAJA RAMMOHUNPUR (SILIGURI)

Dist. Darjeeling.

UNIVERSITY OF NORTH BENGAL  
P.O. North Bengal University  
Raja Ramohunpur, Dt. Darjeeling.

The 'NINETEENTH MEETING' of the University of North Bengal will be held on Sunday, the 9th October, 1966, at 5 P.M. in the University Guest House, Raja Ramohunpur, to consider the following agenda : -

A G E N D A

1. To confirm the proceedings of the EIGHTEENTH MEETING' of the University of North Bengal held on 5th September, 1966, at Raj Bhavan, Calcutta.  
(To be placed)

Decision : -

2. To appoint one of the University members to exercise powers of the Vice-Chancellor during his tour abroad from 16.10.66 to 17.11.66 subject to the approval of the Chancellor under section 18, Clause 2 of the North Bengal University Act, 1961.  
Decision : -

3. To approve the Convocation Programme.

(To be placed)

Decision : -

P.T.O.

(11)

4. To consider any other matter with the permission  
of the Choir.

Dated, Raja Harshohampur,  
The 30th September, 1906.

For P. Bhargava  
REGISTRAR

THE UNIVERSITY OF NORTH BENGAL

AGENDA PAPERS

for

the meeting of the UNIVERSITY

Date 5th May, 1967

Time 11 A.M.

Place Raj Bhavan  
Darjeeling.



UNIVERSITY OF NORTH BENGAL  
P.O. North Bengal University  
Raja Rannanpur, Dt. Darjeeling.

The TWENTIETH MEETING of the UNIVERSITY of North Bengal will be held on Friday the 5th May, 1967 at 11 A.M. at Raj Bhavan, Darjeeling, to consider the following agenda :-

A G E N D A

1. To confirm the proceedings of the meeting of the University of North Bengal held on September 5, 1966 at Raj Bhavan, Calcutta. (Annexure-I)

Decision : *Confirmed*

2. To confirm the proceedings of the meeting of the University of North Bengal held on 9th October, 1966 at the University Health Centre, Raja - Rannanpur. (Annexure-II)

Decision :

*Confirmed*

3. To consider the Budget Estimates for the year 1967-68 as framed by the Executive Council and the Revised Estimate for the year 1966-67 with delegation of powers to the Finance Committee/Vice-Chancellor to sanction re-appropriation of funds from one head of accounts to another, as proposed by the Executive Council in its meeting held on 4th May, 1967.

Decision :

(To be placed)

*Report on R. U. ...  
made by ...  
2.5.67*

INDIAN POSTS AND TELEGRAPHS DEPARTMENT

Class  1 1950

No. 62 C. 10

Post Office Calcutta 3

TO Requester NDA

55/84 regret inability to leave Calcutta

Please Indians at university

my opinion that the budget may be

decreased increasing current

unpendence while all need

Proposals should be reviewed

light education

Stamp: 10 35

(11)

4. To report Ph.D. rules as approved by the Executive Council. (Annexure-III)

Decision :

*MOS*

5. To report that certain modifications in respect of Rules relating to B.A./B.Sc./B.Com. Examinations under old North Bengal University Rules have been approved by the Executive Council (Annexure-IV)

Decision :

*MOS*

6. To report that the new Ordinances and the syllabuses for the B.A./B.Sc./B.Com. Courses of the University of North Bengal prepared in the light of resolution No.15 of the meeting of the University of North Bengal held on 8.9.66 had been introduced in the Colleges affiliated to the University. (Annexure-V)

Decision :

*MOS*  
*Review along with*  
*refer to board*  
*again with*  
*Govt. after*  
*(MOS)*

7. To report that the University has accepted a gift of 221 books for the U.S.L.G., Calcutta.

Decision :

*They shall be*  
*donated*

8. Any other matter with the permission of the Chair.

*Elk ch*  
*2000*

Dated, Bija Samskarpur,  
The 24th April, 1967.

Registrar.

Proceedings of the EIGHTEENTH MEETING  
of the UNIVERSITY held on 5.9.66  
at 10 A.M. at RAJ BHAVAN,  
Calcutta.

Members present :-

1. Shrimati Padmaja Maitra, Chancellor (In the Chair)
2. Prof. A.C. Roy, Vice-Chancellor
3. Dr. B. Datta, Secretary, Department of Education,  
Govt. of West Bengal.
4. Shri J.L. Kundu, Secretary, Department of Finance,  
Govt. of West Bengal.
5. Dr. S.N. Sen, Dean of the Faculty of Science,  
North Bengal University.
6. Dr. S.P. Sen Gupta, Dean of the Faculty of Arts,  
North Bengal University.
7. Shri H.C. Bose, Dean of the Faculty of Engineering & Technology,  
North Bengal University.
8. Dr. N.R. Kar, Principal, Darjeeling Govt. College, Darjeeling.
9. Shri U.R. Burman, Principal, Victoria College, Coochbehar.
10. Shri R.C. Nath, Principal, Dinhatra College, Dinhatra.
11. Shri S.P. Pal, Lecturer, North Bengal University.
12. Dr. H.N. Lahiri, Ananda Chandra College, Jalpaiguri.
13. Shri A.N. Bhattacharyya, Malda College, Malda.
14. Shri L.P. Ray, M.P. Jalpaiguri.
15. Shri A. Bhattacharjee, Advocate, Siliguri.
16. Shri J.N. Mallik, President, West Bengal Board of Secondary  
Education.
17. Dr. (Mrs.) S. Laxi, Member of the Social Welfare Board,  
West Bengal.

1. The proceedings of the Seventeenth Meeting of the University of North Bengal held on 16.5.66 at Raj Bhavan, Darjeeling, were confirmed.
2. The Vice-Chancellor presented the 'Progress Report' of the University before the House and the House recorded it.
3. The report that the date of the Second Convocation of the University has been fixed to be held on October 10, 1966 and that Mrs. Indira Gandhi, the Prime Minister, has kindly consented to deliver the Convocation address, was recorded.

P.T.O.

(11)

4. The meeting discussed the proposal for reconstituting the Statute Committee and after some discussions reconstituted Statute Committee consisting of the following members :-

- i) The Vice-Chancellor, Ex-officio,
- ii) The Secretary, Ministry of Education,  
Govt. of West Bengal (Ex-Officio).
- iii) The Secretary, Ministry of Finance,  
Govt. of West Bengal (Ex-Officio).
- iv) The President, West Bengal Board of Secondary Education,  
(Ex-Officio).
- v) Mr. A. Bhattacharjee, Member of the Executive Council  
and the University.
- vi) University Registrar.

5. The meeting approved the constitution of a Statute sub-Committee consisting of the following members as recommended by the Executive Council for reconciling discrepancies in the printed copy of the Statutes and the Statutes approved by the University :

- i) The Vice-Chancellor,
- ii) Mr. A. Bhattacharjee, Member of the Executive Council  
and the University.
- iii) The Registrar.

6. The recommendation of the Executive Council for constituting a Council of Principals of affiliated Colleges was discussed. The House decided to make statutory provision for such a Council. The Chancellor desired that the matter should be expedited.

7. The meeting appointed a Committee consisting of the following for making all arrangements in connection with Second Convocation to be held on October 10, 1966.

- i) The Vice-Chancellor,
- ii) The Dean of the Faculty of Science,
- iii) The Dean of the Faculty of Arts,
- iv) The Dean of the Faculty of Engineering & Technology,
- v) Shri A. Bhattacharjee, Member of the Executive Council  
and the University,
- vi) The Registrar,
- vii) The Finance Officer,
- viii) The Controller of Examinations,
- ix) The Inspector of Colleges,
- x) Shri S.P. Ray, Member of the University.

8. The House approved the action of the Executive Council in filling the posts of Registrar and Finance Officer. The University decided that Shri B.K. Baisak, M.A. (Cal.), M.Sc. (Lon.) and Shri S.K. Ghose, B.Sc., be appointed respectively as the Registrar and Finance Officer of the University on an initial pay of Rs.1,000/- in the time scale of Rs.1,000-50-1,500/- as recommended by a Selection Committee constituted for the purpose.

P.T.O.

(111)

9. The report that the proposal for leasing out a plot of University land to the Indian Oil Company has been dropped by the Executive Council was noted.

10. In appreciation of the offer of Rs.3,000/- from East India Pharmaceutical Works Ltd., Calcutta, for instituting one Research Fellowship in the department of Chemistry under the supervision of Dr.H.N.Khastgir, Head of the department of Chemistry, the House decided to adopt the following resolution and desired to communicate it to the donor.

" The University expressed deep appreciation and accepted with thanks a cheque for the sum of Rs.3,000/- from East India Pharmaceutical Works Ltd., Calcutta, for instituting one E.I.P.W. Research Fellowship in Chemistry".

11. The House approved the proposals for opening up of a Vice-Chancellor's Establishment at Calcutta and an Office-cum-Guest House at Darjeeling, the details will be worked out by the Executive Council.

12. (a) The decision of the Executive Council about the award of Research Fellowship of Rs.250/- P.M. each to the undermentioned candidates was noted :-

<u>Name</u>	<u>Department</u>
1) Shri Debabrata Goswami	Botany
11) Shri Dipak Chatterjee	Zoology

(b) With regard to the decision of the Executive Council for the award of one E.I.P.W. Research Fellowship of Rs.200/- P.M. to Shri Debaranjan Misra, the meeting decided to award Rs.250/- P.M. instead of Rs.200/- as in the case of others and directed that the short fall should be met from contingent expenditure of the department of Chemistry upto Rs.600/- per annum.

13. The House while approving the recommendation of the Executive Council in suggesting the name of Mr.H.K.Datta to the Railway Authorities for undertaking the construction work of a 'Flag Station' on a plot of University land near the Campus decided to adopt the following resolution :-

" Resolved that the Govt. of West Bengal be requested to acquire and hand over for the purpose of the University a certain portion of land on the southern side of the National Highway through which an approach road to the 'Flag Station' is to be constructed".

P.T.O.

(1r)

14. The report that Dinabhat College has been granted temporary affiliation for conducting courses in Pre-University and First Year Degree in Science on the conditions as laid down by the Inspection Board was noted.
  15. The report that the system of B.A./B.Sc./A.Com. Examinations in two parts (similar to the Calcutta University) has been introduced in preference to such Examinations in three parts, as suggested by the Principals of affiliated Colleges and recommended and approved by the Academic and the Executive Councils respectively was recorded.
  16. The House approved the action of the Executive Council in suspending the existing Ph.D. Rules as some discrepancies were noticed between the Rules approved by the University and the printed copy and authorised the Vice-Chancellor to follow the Ph. D. Rules of the Calcutta University till finalisation of Ph.D./ D.Litt./ D.Sc. Rules of the University of North Bengal by a Committee consisting of :-
    - i) The Vice-Chancellor,
    - ii) The Dean of the Faculty of Science,
    - iii) The Dean of the Faculty of Arts,
    - iv) The Dean of the Faculty of Engineering & Technology,
    - v) Dr. H.R. Khastgir,
    - vi) Dr. D.P. Chakraborty,
    - vii) Mr. U.R. Barman,
    - viii) The Registrar.
- The Chancellor remarked that discrepancies were unwelcome and these should be looked into in future.
17. The House approved the decision of the Executive Council for instituting the award of diploma mentioning 'External' to private candidates.
  18. The House approved the use of an acre of University land by the West Bengal Board of Secondary Education on such terms and conditions as mentioned in their letter and with the stipulation that the buildings to be constructed for the West Bengal Board of Secondary Education should be designed in keeping with the general architectural pattern of the University Campus, and to be approved by the Vice-Chancellor.

P.T.O.

THE UNIVERSITY OF NORTH BENGAL

AGENDA PAPERS

for

the meeting of the UNIVERSITY

Date 25TH, NOVEMBER, 1967

Time 4-30 P.M.

Place RAJARAMMOHUPUR



Contd.....25

7. Bharater Chitrakala - Asoka Mitra.
8. Indian Printing - Percy Brown.
9. European Shilpakala- Ashit Halder.
10. Bharater Shilpakala - Ashit Halder.

GENERAL SCIENCE

1. Sudd : Hand book for Science Teachers in Secondary Modern Schools, John Murray, London, 1965.
2. Richardson & Cahoon : Methods and Materials for teaching general and Physical Sciences, McGraw Hill.
3. Sanders H.E. - Teaching of General Science in Tropical Secondary Schools O.U.P. London, 1955.
4. Sharma and Sharma-Teaching of Science, Dhanpat Rai & Sons, Delhi.
5. General Science Syllabus for classes I to VIII NCERT.
6. General Science - Handbook of activities for classes VII to VIII NCERT.
7. General Science in Higher Secondary Schools, NCERT.
8. Science Masters' Association - The Teaching of General Science (b) Physical Science.
9. Rethinking in Science Education - N.S.S.E. 10th Year Book, Part I 1969.
10. Teachers' Manual for Student Laboratory Guide - Revised edition NCERT.
11. UNESCO. Source Book for Science Teaching, Paris, 1966.
12. Vessel- Elementary School Science Teaching.

2

D. G. G. '67.

Contd.....23.

MODERN INDIAN LANGUAGES.

1. Palmer - Principles of Language teaching.
2. Ryburn - Suggestion for the teaching of the mother tongue in India
3. Memorandum on Modern Language teaching - Oxford Univ-Press.
4. Teaching the mother tongue -Gursey.

Bengali :

1. Bengla Bhasar Shiksha Paddhati : Kalyani Karlskar.
2. Matri Bhasa Shikshan Paddhati - Bircandra Mohan Acharya.
3. Bengla Paramor Putan Paddhati - Sudhir Ch. Roy.

CONTENTS & METHODS OF TEACHING ENGLISH

For methods only :-

1. Thompson & Wyatt - Teaching of English.
2. Champion - The teaching of English.
3. Gatenby - Teaching English as a foreign language.
4. Ryburn - Teaching of English.
5. French F. C. - The teaching of English abroad (Parts I to III)  
(O.U.P., London)
6. V.K.Cokke - English in India- its present & future (Asia Publishing)
7. Maurice-The art of teaching English as a living language  
(Macmillan & Co.)
8. Palmer-Principles of Language teaching.
9. Menon-Methods of teaching English.

SOCIAL STUDIES

1. Binning & Binring, - Teaching the Social Studies in Sec. Schools  
(MacGraw Hill)
2. Moffatt - Social studies in structures (Prattice Hall)
3. Mesith- Social studies in the school (O.U.P.)
4. Wesley - Teaching of Social studies in Elementary school.

CONTENTS AND METHODS OF TEACHING HISTORY

For methods only :-

1. H. Johnson - Teaching of History.
2. M.W. Keatinge - Studies in the teaching of History.
3. E.L. Hasluck - The teaching of History.
4. P.W. Naitland & others - Essays on the teaching of History.

Contd.....24

Contd.....24

5. E.R.Worts - The teaching of History.
6. Association of Asst. masters of Cambridge-Memorandum on the Teaching of History.
7. Burston & Green - Hand Book for History teachers.
8. K.D.Chugh - Creative teaching of History.
9. C.F.Hill - Suggestions on the teaching of History.
10. V.D. Ghate - The Teaching of History.
11. K.P.Choudhuri - Audio - Visual aids in Teaching Indian History.

#### GEOGRAPHY

1. Bernard - Principles and Practice of Geography Teaching.
2. Cans & Honeybone-Handbook for Geography Teachers.
3. Fairgrieve- Geography in Schools.
4. Monee- The Teaching of Geography.
5. Searle - A Hand book of Suggestions on the teaching of Geography (UNESCO)
6. Stamp & Stamp- How to teach Geography in the School of India.
7. Verne- Geography in Schools.
8. Gopill - The teaching of Geography (Macmillan & Co)

#### MATHEMATICS

1. Young - The teaching of Mathematics.
2. Butler & Lynwood - The teaching of Secondary Mathematics.
3. Davies - The teaching of Mathematics.
4. The Incorporated Associations of Assistant Masters of Cambridge - The Teaching of Mathematics.
5. F.B.Ballard- The teaching of arithmetic.
6. Algebra for Secondary Schools- N.C.E.R.T.
7. Land F.W. - New approaches of Mathematics Teaching.
8. Roy Dubish - The Teaching of Mathematics.

#### CONTENT AND METHODS OF TEACHING ART AND CRAFT

1. Child art groups up- Kenneth Holmes & H. Collinson.
2. Indian Child art Gay Hellier.
3. Modern art Education in the Primary School-Nex Dimmerk.
4. Child art - W.Viol.
5. Miniature History of European Art - S.N.Wilenski.
6. History of fine art in India - G. G. Goylene - U. A. Smith.

Contd.....23

4. Ross - Measurement in Today's School.
5. Vernon P.E - Measurement of abilities.
6. Vernon P.E - The structure of Human Abilities.
7. Vernon P.E - Personality test and its assessment.
8. Anastasi - Psychological testing.

ART EDUCATION

1. Francesco D. E. - Art Education its means and ends.
2. Herbert Reid - Education through art.
3. Relevant publications of Lilit Kale Academy (Govt. of India).
4. European Shilpekala - Asit Halder.
5. Asit Halder - Bharater Shilpekala.
6. Shobindranath Thakur - Bharat Shilper Sangraha.
7. Viola W - Child Art.
8. Milenski R. H. - Miniature History of European Art.
9. Smith, V. A. - History of fine art in India & Ceylon.

EDUCATION FOR THE HANDICAPPED CHILDREN

1. Sir Cyril Burt - The Backward Child.
2. Burt C. - Causes & treatment of Backwardness.
3. Fernald M. Grace - Remedial Techniques in Basic School Subject.
4. Schnell F.J. & Schnell H.F. - Diagnostic & Attainment Testing.
5. Clough M.E. - Teaching the slow learner in the Primary School - Vol-I
6. " - Teaching the slow learner in the special school - Vol-II
7. Ellis P. R. - Handbook of mental deficiency.
8. Highfield M.E. - The young school failure.

SCHOOL LIBRARY ORGANIZATION

1. Vignathesan C. G. - Introduction to Public Library Organisation.
2. Do - The High School Library.
3. Sayer - Manual of classification.
4. Lock - Manual of Library Economy.

Contd....23

Contd..... 21.

Part V

MENTAL HYGIENE

1. Panton P. - Mental Hygiene in School Practice (CUP)
2. Klein D.B - Mental Hygiene.
3. Mendel Sherman - Mental Hygiene.
4. Wall W.D - The education of child (Methuen)
5. Bessett C - Mental Hygiene with Community (Macmillan)
6. Burbury, Balint & Yapp-Child Guidance
7. Wall W. D - Education and Mental Health.
8. Bissner - The school Psychologist.

EDUCATIONAL & VOCATIONAL GUIDANCE

1. Jones A. J - Principles of guidance.
2. Myers G.B - Principles and techniques of vocational guidance.
3. Super Donald E - Appraising Vocational fitness (Harper)
4. Vernon P.R - Secondary School selection (Methuen)
5. Dale R.R. - From School to University (Kegan Paul)
6. White and Harris - The school Psychologist
7. Mahanta D - Allocation of pupils in Secondary Education (Kamal Book Dept).
8. Govt. of India - A Manual of Educational & vocational guidance.

COMPARATIVE EDUCATION

1. J.L.Kendal - New Era in Education.
2. E.Hans - Comparative Education.
3. Vernon Mellinson - Comparative Education.
4. Meyer - The Development of Education in the 20th century.
5. Baller & Morphal - Comparative Educational Administration.
6. L. Smith - Education in Great Britain.
7. Beatrice King - Russia goes to schools.
8. Education in the Soviet Union - Ministry of Edn., Govt. of India Publication.
9. Karyon - Public Education in America Society.
10. World Survey of Education (Secondary) - UNESCO

Part VI

EDUCATIONAL MEASUREMENT AND EVALUATION

1. Garrett H.E - Statistics in Psychology and Education.
2. Guilford - Fundamental Statistics in Psychology and Education.
3. Greene, Jorgerson & Gerberich - Measurement and Evaluation in Secondary Schools.

Contd..... 22

Contd.....20

6. Ground work of Educational Psychology - J.S.Poss.
7. Statistics in Psychology and Education - Garret H.E
8. Psychology and Mental Health - Headfield J.A.
9. Intelligence and intelligence tests - Knight S.
10. Evolution and growth of Human Behaviour- Mero M.L.
11. The Psychological Basis of Education - Paul B.A.
12. Educational Psychology- Trinner C.S.(19)
13. Educational Psychology- Saurey & Telford.

PART III

History of Indian Education.

1. R.K.Meekherji - Ancient Indian Education.
2. F.E.Keay - A History of Education of India & Pakistan.
3. Dr. B.M.Dew - Promotion of Learning in India during Mahomedan rules.
4. Nurullah & Malik - A students' History of Education in India.
5. S.M.Meekherjee- History of Education in India.
6. Srivastava-Development of modern Indian Education.
7. T.D.Siquerieh - Modern Indian Education.
8. K.O.Schmidain - Problems of Educational Reconstructions.
9. J.P.Malk. - Educational Planning in India.
10. Report of the Indian University Commission (1949-49)
11. Report of the Secondary Education Commission (1952-53)
12. Report of the Education Commission (1964-66)
13. J.L.Kandol - The New Era in Education.

GENERAL METHODS

PART IV

1. Organisation of Schools - Nyburn
2. The Art of Teaching - Gilbert Highet.
3. Instruction in Indian Secondary Schools - E.A. Memon
4. The Principles of Teaching methods - A. Pinsonet
5. The High School Library - C.G.Sivaraman.
6. Hygiene and Health Education for Training Colleges -M.B.Davies
7. Successful teaching - Nurcell
8. Principles & Methods of Secondary Education - Lee.
9. Measurement and Evaluation in Elementary Education - G.P.Soni
10. Modern Development in Educational Practice - Sir John Adams.

Contd...21.

Contd.....19.

B. Method :

Meaning and scope of social studies

Aims and objectives of social studies instruction in secondary schools.  
Critical evaluation of the present social studies syllabus in West Bengal.

Techniques and Methods of teaching social studies - building units of study, panel discussion and debating methods, text book method Field trips, excursions, supervised study, group method, etc.

Community study and its importances, methods of community survey.

Social studies laboratory- equipment and arrangements.

Audio-visual materials in the teaching of social studies (maps, charts graphs, diagrams, pictures, etc)

Lesson plans and notes of lessons.

Qualifications and professional preparation of social studies teacher  
Evaluation of the subject; need for special techniques.

Paper I

Books for reference :-

1. Kump P - Education; its date and first principles.
2. Raymont - Modern Education; its aims and methods.
3. Mukherjee S.H. - Education in India - Today & tomorrow.
4. Mukherjee K.K. - New Education and its aspects.
5. Ross J.S. - Ground work of Educational Theory.
6. Dewey - School and Society.
7. Keatinge - Studies in Education
8. Vishet- Purpose in the curriculum.
9. C.M. Fleming-Basic curriculum.
10. Report of the Secondary Education Commission (1962-63).
11. Report of the Indian Education Commission (1964-66)
12. Kahir B. - Indian Philosophy of Education.
13. Selton- Principles and methods of teaching.

Paper II

1. Educational Psychology - Gage, Jerald McConnell & Chellisen.
2. Psychology in Education - Stroud J. B.
3. Psychology in Education - Sorenson H.
4. Educational Psychology and children-Lovall
5. Adolescence- Fleming C.M.

Contd.....20

Contd..... 18.

GENERAL SCIENCE  
(PRACTICAL)

- (1) MODELS and charts illustrating different topics on earth. Specimen of rocks and soil.
- (2) Experiments on water composition. Preparation and study of oxygen, hydrogen, chlorine. Use of soaps in different kinds of water.
- (3) Experiments on air composition by burning candle, phosphorus.
- (4) Charts and specimens of different types of leaves, flowers and fruits as well as of toad/frog and common fish, earth worm, cockroach :- Dissection thereof. Charts, on blood circulation-Demonstration of first-aid in case of bleeding, including use of tourniquet. Charts on digestive system. Microscopical study of the unicellular animals.
- (5) Verifying Archimedes(Principle). Determining the specific gravity of solids and liquids. Verifying the laws of pendulum. Reading a barometer with corrections. Popular experiments on laws of motion and inclined plane, lever, pulleys.
- (6) Construction of a pinhole camera and periscope, images by mirrors. Determination of the focal lengths of concave and convex mirror. Refraction through glass and water. Demonstration of principal parts of a telescope, simple and compound microscope. Model of an eye Use of prism to show formation spectrum.
- (7) Ball and ring experiment. Determining the fixed point of thermometer. Melting and boiling points of different substances, preparation of ice by rapid evaporation of ether. Conduction Experiments; convection of liquid and gases.
- (8) Vibrating tuning fork, sonometer; determining the velocity of sound in air by resonance. Model of the ear.
- (9) Comparing the magnetic moments of two bar magnets by using a magnetometer Mapping lines of force of bar magnet.
- (10) Setting up simple circuits with (a) one bulb and one switch (b) two bulbs using two independent switches. Working of simple voltaic cell Construction of electromagnetic, assembling electric bell, electrolysis. Measuring resistance by using (a) a metrebridge (b) post office box. Simple experiment to show action of magnet on current and vice versa. Experiment on electromagnetic induction. Model of telegraph, telephone, radio receiver. Verification of Ohm's Law.
- (11) Separating (1) lime and sand (2) coarser and sand etc. Studying the properties of hydrochloric acid, sulphuric acid, nitric acid, carbonic acid, ammonia, caustic potash, caustic soda, barium hydroxide and some common salts. Dry tests for acid and basic radicals. Action of water on quick-lime, action of carbon dioxide on lime water. Charts on basic elements.
- (12) Model and charts of stars, planets, satellites; solar and lunar eclipses space-rockets.

CONTENTS AND METHODS OF TEACHING  
PRACTICAL STUDIES

A Contents:

A thorough knowledge of topics included in the secondary school syllabus will be required.

Contd....19



Contd., 17.

Material objects:

Properties of solid, liquid and gas: Force, mass weight, friction and inertia. Laws of motion. Use of inclined plane, lever pulley, elasticity pendulum. Buoyancy of liquid, Archimedes' Principle, Specific gravity. Pressure of air, Barometer.

Light: Rectilinear propagation of light, shadows. How light travels; Velocity of light-Light from the sun. Reflection of light at plane and spherical mirrors, Real and virtual images. Refraction: convex lens, Focus and focal length. The eye. Optical instruments. The prism, dispersion of colours, rainbow.

Heat: Main sources of heat: Effects of heat: Land and sea breezes. Heat and Temperature: thermometers (maximum & minimum and clinical). Heat and change of state (melting, freezing etc). How heat travels: conduction, convection, radiation.

Sound: Production of sound: Vibration, frequency, phase. Transmission of sound. Reflection, echoes. Velocity of sound. The human ear. Laws of sonometer.

Electricity: its Nature; static electricity; Electron and unit of negative charge. Electrical attraction and repulsion, properties of conductors and insulators. Electric current and its effects: voltaic cell, Daniell cell, Leclanche cell, idea of electric potential, Effects of electric current (Magnetic, heating, chemical) Electric bell. Idea of intensity, idea of resistance, Ohm's Law. Electricity and magnetism. Electromagnetic induction. Use of electricity for work (motors, heating light etc) and for communication (telegraph, telephone etc) and in radio-receiver, talkies, television.

Magnetism: lodestone, artificial magnets. Properties of magnets, Methods of magnetisation, polarity, magnetic needle. The Navigator compass.

Chemistry:

Chemical reactions: homogeneous and heterogeneous systems: emulsions; suspensions; solutions, chemical compounds. Characteristics of chemical changes. molecules and atoms, valency, combustion, oxidation, reduction. Common laboratory processes: filtration, distillation, sublimation, crystallisation.

Acids, bases and salts: Chemical composition and principal uses of sodium carbonate, caustic soda, hydrochloric acid, nitric acid sulphuric acid, etc. and fluorine, bromine and iodine.

Nitrogen cycle and nitrogen compounds in agriculture; fertilisers fixation of atmospheric nitrogen. Lime and its products, Gase and its principal distilling products.

Study of metals and alloys of common use, like Copper, Iron aluminium, Zinc, Steel, Brass, Bell-metal, Magnesium, mercury lead, etc. Study of a few useful substances like: Alun, cement, varnishes, soda-water, baking powder.

Elements-Basic elements, Number and nature of basic elements.

Energy: Sources of energy: Types of energy: transformation of energy: Atomic energy.

The Sky and the space: the sun and the stars, planets and satellites, solar and lunar eclipses.

Space: Elementary idea of conquest of space.

Contd., 18

Contd.....16  
CONTENTS AND METHODS OF TEACHING  
GENERAL SCIENCE

- 1.5. Methods of teaching science; Lecture; demonstration method; heuristic method; problem-solving method; project method; the historical and biographical approach. Investigation and Experiment.
6. The science laboratory; its planning and equipment; its organization and management; laboratory exercises and records; care and use of apparatus; accidents and first aid treatments; Aquarium, Terrarium, School Botanical garden.
7. Teaching aids; science textbooks and libraries; excursions; exhibitions; science clubs and societies; museums and films. Home-made apparatus. Laboratory manual.
8. Evaluation with special reference to aims and objects of general science. Methods of testing; oral and written tests; essay type and objective tests; practical examination.

GENERAL SCIENCE  
(THEORETICAL)

Surroundings:

The earth, rocks and soil - dimensions of the earth, latitude and longitude, origin and interior of the earth, the crust, Earth and the Sun, rotation and revolution and their effects. General notion of gravitation, Newton's Laws of attraction.

Water: Composition of water. Hard and soft water - removal of hardness. Purification of water.

Air: Composition of air. Atmosphere. Height and atmospheric changes.

Plants and animals: Matter and life: Plants and animals; Inter-dependence of plants and animals; Type of plants and animals.  
(a) Evolution (b) Heredity (c) Adaptation.

Structure and life history of amoeba, earth worm, bee, mosquito, butterfly, moth, cockroach, spider, snails, Spirogyra (algae), yeast, fern, etc. Morphology of the cells, cell division, tissues, organs. Internal and external structure of toad/frog, common fish and different types of leaves and flowers; study of the different members of a flowering plant and their functions.

Food as source of energy for plants and animals; food absorption, digestion and nutrition.

Human body, skeleton, skull, skin, muscles, glands, nervous system and the brain. Human blood, the blood circulation; heart, arteries, capillaries, veins, red and white corpuscles, pulse. Digestive system: mouth, teeth, tongue, gullet, stomach, small intestine, pancreas, liver, action of enzymes.

Common Diseases: main symptoms, causes, treatment and prevention in each case: (a) Air borne diseases; common cold, influenza, small pox, Tuberculosis. (b) Water borne diseases; Cholera, typhoid, dysentery. (c) Insect borne diseases; Malaria, Plague. (d) Diseases by contacts: Ring worm scabies. (e) Elementary idea of sulphur drugs and antibiotics.

Contd.....17

Contd... .. 15.

Content :

6. (a) A brief study of the main characteristics of the following types of paintings and sculptures:-

Paintings : (i) Cave paintings (ii) Egyptian (iii) Greek and Roman (iv) Ajanta (v) Rajput (vi) Mughal (vii) Bengal (Abanindranath, Rabindranath, Jamini Roy, Pandit Lal) (ix) European Renaissance Paintings (x) Impressionist, Post- Impressionist, Expressionist, Picasso, Matisse, Braque.

Sculptures : (i) Ellora (ii) Mahabalipuram (iii) Konarak (iv) Khajuraho (v) Madurai (vi) Modern movements in Sculptures.

(b) Fresco, Murals, Mosaic (Short comparative notes.)

7. Practical work :-

(a) Representational drawing and paintings:-

- From nature and memory with Pencil, Water-colours, Tempera, Wash, Pastel and oil.
- Figure study and compositions.
- Decorative designs with colours, 'Alpena', lettering.
- Simple visual perspective.

(b) Modelling :

Clay modelling of simple objects- casting and moulding (plaster of paris), low relief and high relief.

(c) Craft work :

(i) Leather work, use of leather in fashioned objects, Basic work on leather. (ii) Pottery decoration. (iii) Linocut and prints. (iv) Paper work: Decorative inventions with coloured papers; Papier-mache (v) Toy-making.

CONTENTS AND METHODS OF TEACHING  
GENERAL SCIENCE

1. Meaning and scope of science; its impact on modern life its claim to be a core subject in school curriculum.
2. General Science and its concept; the aims of teaching general science (socio-cultural, practical/objectives of teaching general science (knowledge, skill, interests attitudes).
3. Principles of Planning General science syllabus for the primary and secondary school stages; knowledge of environment Development of interests in Science and scientific activities.
4. Scientific method; Inductive and deductive procedures; analysis and synthesis; observation, hypothesis; conclusion, testing the validity of scientific theories.

Contd.....16.

G.G./

Contd.....14.

### E.Methods:

Aims and values of teaching mathematics at the secondary stage:  
(Utilitarian, Disciplinary and cultural)

Mathematics for citizenship.

Curriculum of secondary school mathematics. Relation between Arithmetic, Algebra and Geometry, Relation of mathematics with other subjects.

General Methods of teaching mathematics- Synthetic, analytic, Inductive Deductive, Heuristic, the Laboratory and the Project methods. Contribution of the history of mathematics to the teaching of the subject.

Proceedings for teaching arithmetic: concept of number, concept of units in different systems of measurements, the first four rules, vulgar and decimal fraction including recurring decimals; extraction of square root, unitary method, ratio and proportion.

Mental arithmetic- its utility in the general scheme of lesson.

Origin and development of geometry. Euclidian and non-Euclidian Geometry.

Early teaching of geometry- intuition, observation and experiences. Geometrical concepts, practical exercises. Utilisation of experimental, analytic and synthetic methods. Standard theorems and sides.

Scope and functions of algebra. Different methods of introducing algebra. Proceeding for a teaching directed number, formulae, factors, fractions, equations, indices, surds, involutions, and evolutions, A.P., G.P. variation Logarithms, Problems, graphs, quadratic equation, irrational numbers, permutation and combinations, Binomial theorem, indefinite geometric series, exponential and logarithmic series. Application of algebra to arithmetic and geometry.

Method of teaching elementary statistics (averages, Deviations, frequency graphs) Relation between statistical operations and mathematical operations.

Methods of teaching solid geometry. Methods of teaching mensuration.

Methods of teaching fundamental principles of trigonometry and coordinate geometry.

Evaluation in mathematics.

### CONTENTS AND METHODS OF TEACHING ART AND CRAFTS

1. The value of art and its functions in school education.
2. Aims and objects of teaching art and crafts in schools-art and crafts at different stages, infant, junior and senior.
3. Child Art - its characteristics - art and the exceptional children.
4. The Role of Art teacher - areas of activities - natural environment participation in seasonal festivals-excursion to the places of art.
5. (a) Method of teaching Art and Crafts in Infant, Junior and Senior classes.  
(b) Notes and Lessons.

Q.8/

Contd.....15.

Contd..... 13.

\*Factors of climate: pressure, isobars, winds-permanent, periodical and local; Humidity and rainfall types- causes of rainfall. Cyclones and anticyclones.

(B) Regional, Economic and human geography:

Natural regions of the world-human activities in these regions. Economic conditions and modes of life in typical areas of world including study of selected tribal life in India.

\*Outlines of the geography of the continents: physical features, climate, natural vegetation, agriculture, minerals, industries and transport. Imports and exports.

\*Detailed study of India: Study of Japan, and United States of America with emphasis on agriculture and industries of these two countries. (The entire approach to the study of geography will be regional - countries are to be studied on the basis of major natural regions).

Methods of teaching geography. -----

\*Modern concepts of teaching geography: aims of teaching geography in primary and secondary schools; Teaching methods of Physical Geography. Geography in education: Geography room. Illustrative materials in physical geography. Maps and atlases -

\*Methods of teaching human, regional and economic geography- concrete to abstract, simple to complex, known to unknown; value of local study in geography teaching. Sample study. Uses of statistics in lesson plans and notes of lessons school geography. Geography and social studies. Evaluation.

#### GEOGRAPHY PRACTICAL

Local meteorological observations; Reading of the thermometer- maximum and minimum. Dry and Wet bulb thermometer-determination of Humidity, Barometer; Rain gauge. Plotting of meteorological data.

Map projection; Drawing of maps on cylindrical, conical and gnomonic projections by graphical method.

Conventional signs used in survey maps; interpretation of topographical maps of typical areas of India - plains, plateaus, coastal, desert and mountains. Section drawing of simple contour maps.

Drawing and interpretation of climatological and economic maps; Identification of rocks - granite, basalt, sand stone, limestone and marble. Identification of minerals containing iron, aluminium and copper.

Identification of cereals and fibres.

Chain surveying and plotting of data to scale.

Laboratory note book.

#### CONTENTS AND METHODS OF TEACHING MATHEMATICS

##### A. Contents:

Candidates will be required to have thorough knowledge of the contents of school mathematics, both core and elective.

d.g.

Contd.....14

Contents.....12

A good acquaintance with the main currents of world History with special emphasis upon the modern period and a specialised knowledge of Indian History.

Part II. .... Method ... ..

1. Conception of History in the past and present : aims and values of teaching History in Secondary Schools. Place of History in the school curriculum and its relation with other school subjects. Intelligent understanding of the society - national integration and international outlook.
2. Principles of construction of History syllabus: the problems of grading and organisation of the contents on the basis of chronology, topics, and regions, National History and World History - importance of local History, its treatment, History text books.
- 3 (a) Methods of teaching History at different stages - biographical, narrative, historical and source methods - development of time and space sense - use of time-lines, time-graphs, maps and other devices - Activity methods - dramatisation, project, workshop etc.  
(b) Importance of collateral studies, correlating history with other subjects, use of libraries and museums- Special room for History teaching - its importance and requisites.  
(c) Techniques of concretising contents of history : use of audio - visual aids and other appliances - charts, plans, models, pictures, epidiascopes and lantern slides- use of other modern media.
4. Planning of lessons and preparation of lesson notes.
5. Evaluation - special devices of evaluation students' activities - internal and external assessment - preparation of objective tests.

CONTENTS AND METHODS OF TEACHING  
**GEOGRAPHY**

Contents.

(A) Physical bases of Geography :

- \*Earth : Its origin and place in the solar system ; shape and size ; different motions and their effects ; latitude and longitude and their determination. Latitudes and the light zones of the earth ; heat zones ; Longitude and time ; International date line.
- \*Lithosphere: Crust of the earth ; rocks and their classifications ; soil formation ; types of land forms- mountains, plateaus and plains ; types of mountains and plains. Earthquakes, volcanoes - causes and distribution ; different agents of erosion, transportation and deposition. Work of rivers ; developments of river systems.
- \*Hydrosphere: Topography of ocean floors, types of deposits ; temperature and salinity. Movement of the ocean water-currents and tides ; (including the theory of tides) Lakes - origin and usefulness.

G.G

Contents.....13

