

1.1.2 Revision of Syllabus

SIKSHA BHAVANA (INSTITUTE OF SCIENCE)
M.Sc. in Biotechnology
B.Sc. (H) in Botany
B. Sc. (H) in Chemistry
B.Sc. (H) in Computer Science
Ph. D. in Computer Science
UG Environmental Science
M.Sc. in Environmental Science
Five-Year Integrated M. Sc.
M.A./M.Sc. in Mathematics
M.A./M.Sc. in Mathematics
B. Sc. (H) in Mathematics
B. Sc. (H) in Physics
M. Sc. in Physics
Ph.D. (Physics)
B. Sc. (H) in Statistics
M. Sc. in Statistics
Ph. D. in Statistics
B. Sc. (H) in Zoology

Agenda No.1:- To confirm the minutes of the meeting of the Academic Council (Siksha-Samiti) held on **30.03.2017** as at **Appendix-I**.

Resolution: It is RESOLVED that the minutes of the Academic Council (Siksha-Samiti) dated 30.03.2017 is read and confirmed.

Agenda No.2:- To consider the Action Taken Report (ATR) on the proceedings of AC meeting held on **30.03.2017** as at **Appendix-II**.

Resolution: It is RESOLVED that the Action Taken Report (ATR) on the proceedings of AC meeting dated 30.03.2017 is read and confirmed.

Agenda No.3:- Implementation of Choice Based Credit System (CBCS) course curricula at Visva-Bharati as at **Appendix-III**.

**** Professor Sarbajit Sengupta, the Chairman of the CBCS Committee presented deliberation on the CBCS and addressed the queries raised by different members, in the Academic Council, keeping pace with the guidelines of UGC in this respect.**

Resolution: It is RESOLVED that all the syllabi and course curricula, as designed earlier and to be designed in the near future, following the UGC CBCS guidelines will be implemented strictly.

Agenda No.4:- To consider the syllabus for the Choice Based Credit System (CBCS) as proposed by the following Institute Board of the Bhavana/Vibhaga :

CBCS Syllabus

(a) Siksha-Bhavana :

- i) CBCS syllabus of Botany
- ii) CBCS syllabus of Chemistry
- iii) CBCS syllabus of Computer and System Science
- iv) CBCS syllabus of Mathematics
- v) CBCS syllabus of Physics
- vi) CBCS syllabus of Statistics
- vii) CBCS syllabus of Zoology
- viii) CBCS syllabus of Environmental Studies

(b) Vinaya-Bhavana :

- i) CBCS Syllabus of B.A./B.Sc. (Hons.) in Physical Education

(c) Kala-Bhavana :

- i) CBCS Syllabus of Graphic Art
- ii) CBCS Syllabus of Sculpture
- iii) CBCS Syllabus of Design
- iv) CBCS Syllabus of Art History
- v) CBCS Syllabus of Painting

(d) Sangit-Bhavana : Syllabus and Ordinance of the B.Mus. (Hons.) Course (1st and 2nd Semester) under CBCS for the

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- i) Department of Rabindra-Sangit Dance & Drama (RSDD)
- ii) Department of Hindustani Classical Music (HCM)
- (e) Pall Samgathana-Vibhaga :
 - i) CBCS Syllabus of Bachelor of Rural Studies (BRS)
- (f) Bhasha-Bhavana :
 - i) Generic Elective (GE) courses in Tamil as at **Appendix-IV**.

Resolution: It is RESOLVED that the above-mentioned syllabi and course curricula, as proposed by the respective Institute Boards, are approved.

Agenda No.5:- To consider the proposal of the different Institute Boards of the Bhavana/Vibhaga regarding :

- (a) Revised M.A. (Education) Curriculum with 96 credit points;
- (b) Revised M.Ed. Curriculum with the recommendation to increase the existing 80 to 96 credit points;
- (c) Revised Curriculum of both M.A. and M.Ed. for implementing from the academic session 2017-18;
- (d) Syllabus of Ph.D. course work for the Department of Statistics;
- (e) Minor changes in the syllabus and Ordinance of the "Centre for ESRAJ", Sangit-Bhavana;
- (f) Syllabus of the M.Mus. (Rabindra Nitya) programme;
- (g) Syllabus of the Ph.D. course work, Rabindra-Sangit (Elective Course No. 2);
- (h) Syllabi of Certificate and Diploma Courses in Assamese (modified and partially reduced);
- (i) Syllabi of Certificate and Diploma Courses in Tamil (revised);
- (j) Proposal for M.Phil. and Ph.D. Courses in Tamil;
- (k) Syllabus of B.A. (Hons.) in Odia;
- (l) Syllabus of Master in Rural Studies (MRS) at PCK. as at **Appendix-V**.

Resolution: It is RESOLVED that the above-mentioned syllabi and course curricula (including the credit points), as proposed by the respective Institute Boards, are approved.

A committee will be formed to look into the ordinance of the MA in Education & medium of instruction whether English will be mandatory or tri language could be opted for the examination.

Agenda No.6:- To consider the MHRD's initiative of providing quality higher education through, Massive Open Online Courses (MOOCs). as at **Appendix- VI**.

**** Shri Santa Shankar Dasgupta, In-charge, Computer Centre, made a detailed electronic presentation before the members of AC where he elaborately discussed and showed the pros and cons of MOOCs.**

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as at **Appendix-XXIV**.

Resolution: It is **RESOLVED** that a committee will be formed to review the entire system.

Agenda No.25: To consider the proposal of the Adhyaksha, Siksha-Bhavana for

- i. Revised Syllabi of M.Sc.(Mathematics)
- ii. Revised Syllabus of M.Sc.(Biotechnology)

as at **Appendix-XXV**.

Resolution: It is **RESOLVED** that the Proposal is **accepted**.

Agenda No.26-: To consider the letter Vide D.O.No.F.1-1/2016(secy) Date-19 May, 2016 of Secretary UGC for awarding degree in time to the students. as at **Appendix-XXVI**.

Resolution: It is **RESOLVED** that the examination section will prepare the degree in proper time duly signed by the Competent Authority and an intimation be sent to the secretary UGC that the University is following the directions of the UGC.

B. Items for ratification:

Agenda No.27-: To consider the action of the Upacharya regarding approval of syllabus of M.A. in Education under Vinaya-Bhavana duly endorsed by the institute board of Vinaya-Bhavana. as at **Appendix-XXVII**.

Resolution: It is **RESOLVED** that the decision is ratified.

Agenda No.28: To consider the proposal of Adhyaksha Patha-Bhavana, regarding redesigning the question patterns in different subjects for class X and XII Final Examinations (Viz. School Certificate and Pre-degree). as at **Appendix-XXVIII**.

Resolution: It is **RESOLVED** that the decision is ratified.

Agenda No.29: To ratify the notification of Joint Registrar (Examinations) with regard to imposing penalty to 21 no. of Students of the University for having adopted unfair means in different Examinations of Visva-Bharati, as at **Appendix-XXIX**.

Resolution: It is **RESOLVED** that the decision is ratified.

Agenda No.30: Proposal for appearing Suresh Sariket as a back candidates in the Tagore Studies Examinations at Undergraduate level. It is also stated that the candidate has lost his all chances (Including Special Chance) in BFA Hons. Sem-II Examination 2016. as at **Appendix-XXX**.

Resolution: It is **RESOLVED** that the decision is ratified.

Agenda No.31: To consider permission to enroll the names of 35 no. of students as back candidates for the 4th and final chance as a special case on payment of requisite fees according to the existing ordinance. as at **Appendix-XXXI**.

Resolution: It is **RESOLVED** that the decision of the Upacharya is ratified.

- i) M.Sc. (Semester I to IV) and B.Sc. (Semester IV & V) in Mathematics;
- ii) Elective Paper of the Ph.D. Course Work in Physics;
- iii) M.Sc. in Environmental Science
- iv) Ph.D. Course Work in Statistics as at **Appendix- XXI.**

Resolution: The Academic Council considered and noted modification of Syllabus, duly endorsed by the Institute Board of Siksha-Bhavana, of different Departments under Siksha-Bhavana

- i) M.Sc. (Semester I to IV) and B.Sc. (Semester IV & V) in Mathematics;
- ii) Elective Paper of the Ph.D. Course Work in Physics;
- iii) M.Sc. in Environmental Science; and
- iv) Ph.D. Course Work in Statistics as at **Appendix- XXI.**

Agenda No.22: Organizing 1-year course (52 days) Diploma in Agriculture Extension Service for the Input Dealers (DAESI) at Rathindra Krishi Vigyan Kendra, PSB, Sriniketan as at **Appendix- XXII.**

Resolution: The Academic Council considered and noted for organizing 1-year course (52 days) Diploma in Agriculture Extension Service for the Input Dealers (DAESI) at Rathindra Krishi Vigyan Kendra, PSB, Sriniketan as at **Appendix- XXII.**

Agenda No.23: Permission to enroll the names of 98 nos. students as back candidates for 4th and final chance as a special case on payment of requisite fees and 9 nos. students have not given permission due to lost all chances according to the existing ordinance as at **Appendix- XXIII.**

Resolution: The Academic Council considered and noted the permission to enroll the names of 98 nos. students as back candidates for 4th and final chance as a special case on payment of requisite fees and 9 nos. students have not given permission due to lost all chances according to the existing ordinance as at **Appendix- XXIII.**

Agenda No.24: Recommendation of the standing Disciplinary Committee regarding penalization of some students adopting unfair means in the University examinations as at **Appendix- XIV.**

Resolution: The Academic Council considered and noted recommendations of the standing Disciplinary Committee regarding penalization of some students adopting unfair means in the University examinations as at **Appendix- XIV.**

Agenda No.25: Recommendation of the Committee, constituted by the Upacharya regarding Credit structure for M.Phil. & Ph.D. Course-Work programme as at **Appendix- XXV.**

Resolution: The Academic Council considered and noted recommendations of the Committee, constituted by the Upacharya regarding Credit structure for M.Phil. & Ph.D. Course-Work Programme as at **Appendix- XXV.**

Agenda No.26: 4th Amendment of the UGC for Minimum Qualifications to appoint of Teachers and other Academic Staff in Universities and Colleges and Measures for Maintains of Standers in Higher Education as at **Appendix- XXVI.**

Resolution: The Academic Council considered and noted the 4th Amendment of the UGC for Minimum Qualifications to appoint of Teachers and other Academic Staff in Universities and

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Resolution: It was **RESOLVED** that the proposal of the Head, Department of Rural Studies (PCK) with regard to modification of Syllabus of Bachelor of Rural Studies (BRS) at the Department of Rural Studies (PCK) under Palli Samgathana Vibhaga as at **Appendix-IX** be accepted.

Agenda No.10-: Introduction of M.Sc. in Yoga alongwith Ordinance and Syllabus, duly endorsed by the B.O.S concerned and Institute Board of Vinaya-Bhavana, at the Department of Yogic Art and Science under Vinaya-Bhavana as at **Appendix- X**

Resolution: It was **RESOLVED** that the proposal of the Head, Department of Yogic Art and Science with regard to introduction of M.Sc. in Yoga alongwith Ordinance and Syllabus at the Department of Yogic Art and Science under Vinaya-Bhavana as at **Appendix-X** be accepted.

Agenda No.11-: Change of code of M.A. (Semester-IV) in Economics Dissertation paper from Compulsory Paper-20 (C-20) to Compulsory Paper-12 (C-12) as at **Appendix-XII**

Resolution: It was **RESOLVED** that the proposal of the Head, Department of Economics and Politics with regard to change of code of the M.A. (Semester-IV) in Economics Dissertation paper from Compulsory Paper-20 (C-20) to Compulsory Paper-12 (C-12) as at **Appendix-XI** be accepted.

Agenda No.12-: (A) Introduction/Revision of syllabi of the Department of Physics and ISERC under Siksha-Bhavana given hereunder:

- (i) Minor modification in the course structure of M.Sc. in Physics;
- (ii) Introduction of two Discipline Specific Elective Papers for the Department of Physics namely; (a) An introductory course on the Transport Theory of Classical Gases and (b) Material Science: Evolution & Applications.
- (iii) Introduction of new Elective Paper 'MPE-366 : Introduction to Molecule Based Magnetism' for M.Sc. third semester students in Physics alongwith Syllabus, duly endorsed by the BoS in Physics and Institute Board of Siksha-Bhavana.
- (iv) Intoduction of a new Elective Paper 'Unit 102 J: Thermogravimetry & Solid State Reaction Kinetics' for Ph.D. Course work in Physics alongwith syllabus, duly endorsed by the BoS in Physics and Institute Board of Siksha-Bhavana.
- (v) Modification of structure of Five-Year Integrated M.Sc Course in order to maintain uniformity with the structure followed by the University regarding foundation courses, duly endorsed by the Institute Board of Siksha-Bhavana.

(B) Introduction of six months Certificate Course (One Semester) under skilled development programme in biotechnology at the Department of Biotechnology under Siksha-Bhavana.

(C) Formulation of specific guideline/ordinance for offering Professor Emeritus to the superannuated teachers of Visva-Bharati as at **Appendix- XII**

Resolution:

After detailed discussion, it was **RESOLVED** that the proposals regarding

(A) Introduction/Revision of syllabi of the Department of Physics and ISERC under Siksha-Bhavana given hereunder:

(i) Minor modification in the course structure of M.Sc. in Physics;

(ii) Introduction of two Discipline Specific Elective Papers for the Department of Physics namely; (a) An introductory course on the Transport Theory of Classical Gases and (b) Material Science: Evolution & Applications.

(iii) Introduction of new Elective Paper 'MPE-366 : Introduction to Molecule Based Magnetism' for M.Sc. third semester students in Physics alongwith Syllabus, duly endorsed by the BoS in Physics and Institute Board of Siksha-Bhavana.

(iv) Introduction of a new Elective Paper 'Unit 102 J: Thermogravimetry & Solid State Reaction Kinetics' for Ph.D. Course work in Physics alongwith syllabus, duly endorsed by the BoS in Physics and Institute Board of Siksha-Bhavana.

(v) Modification of structure of Five-Year Integrated M.Sc Course in order to maintain uniformity with the structure followed by the University regarding foundation courses, duly endorsed by the Institute Board of Siksha-Bhavana; and

(B) Introduction of six months Certificate Course under skilled development programme in biotechnology at the Department of Biotechnology under Siksha-Bhavana as at **Appendix-XII** be accepted.

(C) It was **RESOLVED** that a Committee be constituted to formulate specific guidelines/ordinance for offering 'Professor Emeritus' to the superannuated teachers of the University. The tenure of the offer shall be a maximum of five years or the incumbent completes 70 years of age, whichever is earlier.

Agenda No.13-: i) Introduction of MFA course in Interdisciplinary Arts from the Centre for Interdisciplinary Arts at Kala-Bhavana,

Item No.45:- It is **RESOLVED** that Resolution of the MOU Committee dated 07.08.2015 for two proposed MoUs, i.e., -

- (i) Between Visva-Bharati and NIIT, Durgapur; and
 - (ii) Between DEOMEL, Bhasha-Bhavana, Visva-Bharati and The Faculty of Arts, University of Szeged, Hungary
- as at **Appendix- XXXXVII** is approved.

Item No.46 : No issue was raised under Miscellaneous Item.

Supplementary Agenda:

Item No. 47:- Ordinance and draft syllabi/revised syllabi of the following departments duly recommended by the Institute Board (dt. 15.02.2016) of Siksha-Bhavana -

- i) Ordinance and detailed revised syllabi of M.Sc., B.Sc.(Hons.) and B.A./B.Sc.(Allied) courses in statistics;
- ii) Ordinance and detailed revised syllabus of Five-Year Integrated M.Sc. course;
- iii) Syllabus of one optional paper in B.Sc. Semester-V course in Physics (Hons.); and
- iv) Syllabus of a special paper in the Ph.D. course work in Computer and System Sciences as recommended by the BOS in CSS, for Post-facto approval of the Academic Council

as at **Appendix- XXXXVIII**.

Resolution: It is **RESOLVED** that the Ordinance and draft syllabi/revised syllabi of the following departments Siksha-Bhavana

- i) Ordinance and detailed revised syllabi of M.Sc., B.Sc.(Hons.) and B.A./B.Sc.(Allied) courses in statistics;
 - ii) Ordinance and detailed revised syllabus of Five-Year Integrated M.Sc. course;
 - iii) Syllabus of one optional paper in B.Sc. Semester-V course in Physics (Hons.); and
 - iv) Syllabus of a special paper in the Ph.D. course work in Computer and System Sciences as recommended by the BOS in CSS, for Post-facto approval of the Academic Council
- is approved.

Item No. 48:- The proposal of Adhyaksha, Vidya-Bhavana regarding –

- i) New and Revised syllabus (M.A. Course of the Department of History);
- ii) Introduction of Special paper (Tourism Geography) in M.A. in the Department of Geography;
- iii) Syllabus for Integrated M.Phil & Ph.D. Programme (Gender and Development) in the Centre for Women's Studies

as at **Appendix- XXXXIX**.

Resolution: It is **RESOLVED** that the proposal of Adhyaksha, Vidya-Bhavana regarding –

- i) New and Revised syllabus (M.A. Course of the Department of History);

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- i) Department of Rabindra-Sangit Dance & Drama (RSDD)
- ii) Department of Hindustani Classical Music (HCM)
- (c) Pall Samgathana-Vibhaga :
 - i) CBCS Syllabus of Bachelor of Rural Studies (BRS)
- (f) Bhasha-Bhavana :
 - i) Generic Elective (GE) courses in Tamil as at **Appendix-IV**.

Resolution: It is RESOLVED that the above-mentioned syllabi and course curricula, as proposed by the respective Institute Boards, are approved.

Agenda No.5:- To consider the proposal of the different Institute Boards of the Bhavana/Vibhaga regarding :

- (a) Revised M.A. (Education) Curriculum with 96 credit points;
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- (d) Syllabus of Ph.D. course work for the Department of Statistics;
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- (f) Syllabus of the M.Mus. (Rabindra Nitya) programme;
- (g) Syllabus of the Ph.D. course work, Rabindra-Sangit (Elective Course No. 2);
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- (i) Syllabi of Certificate and Diploma Courses in Tamil (revised);
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- (k) Syllabus of B.A. (Hons.) in Odia;
- (l) Syllabus of Master in Rural Studies (MRS) at PCK. as at **Appendix-V**.

Resolution: It is RESOLVED that the above-mentioned syllabi and course curricula (including the credit points), as proposed by the respective Institute Boards, are approved.

A committee will be formed to look into the ordinance of the MA in Education & medium of instruction whether English will be mandatory or tri language could be opted for the examination.

Agenda No.6:- To consider the MHRD's initiative of providing quality higher education through, Massive Open Online Courses (MOOCs). as at **Appendix- VI**.

**** Shri Santa Shankar Dasgupta, In-charge, Computer Centre, made a detailed electronic presentation before the members of AC where he elaborately discussed and showed the pros and cons of MOOCs.**

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