Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category A by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with A+ Grade by NAAC. Recognised by UGC Under Section 12 B

Coimbatore - 641 043, Tamil Nadu, India

Minutes of the 40th Academic Council Meeting held on 21.09.2020 at 2.00 p.m.

Members Present:

Dr. (Mrs.) Premavathy Vijayan
Vice Chancellor
Chairperson

1. **Dr. K.S.Pushpa**
    Professor, Dept of Home Science,
    Gandhigram Rural Institute
    Gandhigram- 624 302
    Dindigul District

2. **Dr.E.Ramganesh**
    Professor, Head & Chair – School of Education
    Department of Education Technology
    Bharathidasan University, Palkalaiperur
    Thiruchirappalli - 620 024.

3. **Dr. A.Parvathi**
    Former Dean, Faculty of Science,
    Avinashilingam Institute for Home Science and Higher Education for Women
    Coimbatore – 641043.

4. **Sri CA.K. Jalapathi**,
    Chartered Accountant
    CA Anbarasu & Jalapathi Associates
    Coimbatore – 641 011.

5. **Mr.K.N. Visveswaran**
   Chief Mentor, Hexavarsity
   Hexaware Technologies Ltd.
   H-5, SIPCOT IT PARK,
   Navalur (Po)
   Siruseri - 603 103
   Kancheepuram District

Resource Management

1. **Dr.(Mrs.) M.R. Thilakam**
   Professor & HOD

2. **Dr.(Mrs.) S.Visalakshi Rajeswari**
   Professor

3. **Dr.(Mrs.) R. Jeyagowri**
   Professor

4. **Dr.(Mrs.) B. Loganayaki**
   Assistant Professor (SS)

5. **Dr.(Mrs.) D. Sumathi**
   Assistant Professor

Food Service Management & Dietetics

6. **Dr.(Mrs.) S. Uma Mageshwari**
   Professor & HOD

7. **Dr. (Mrs.) PL. Sridevi Sivakami**
   Associate Professor

8. **Dr.(Mrs.) V. Premala Priyadharsini**
   Professor

9. **Dr.(Mrs.) R. Radha**
   Assistant Professor (SS)

10. **Dr.(Mrs.) S. Karthiga**
    Assistant Professor

Food Science and Nutrition

11. **Dr. (Mrs.) A. Thirumani Devi**
    Professor & HOD

12. **Dr. (Mrs.) M. Sylvia Subapriya**
    Professor

13. **Dr. (Mrs.) C.A. Kalpana**
    Associate Professor

14. **Dr. (Mrs.) S.Thilakavathy**
    Assistant Professor (SS)

Textiles & Clothing

15. **Dr. (Mrs.) N. Vasugi**
    Dean and Professor

16. **Dr.(Mrs.) S.Amsamani**
    Professor

17. **Dr.(Mrs.) G. Bagyalakshmi**
    Associate Professor & HOD

18. **Dr. (Mrs.) R. Prabha**
    Assistant Professor (SG)

19. **Dr. (Mrs.) K. Kalaiarasi**
    Assistant Professor (SG)

Human Development

20. **Dr.(Mrs.) K. Arockia Maraichelvi**
    Associate Professor & HOD

21. **Dr. (Mrs.) M. Priya**
    Assistant Professor

22. **Dr.(Mrs) D. Ramya Bhaskar**
    Assistant Professor

Home Science Extension Education

23. **Dr. (Mrs.) S. Rajalakshmi**
    Associate Professor & HOD

24. **Dr. (Ms) T. Radha**
    Assistant Professor

25. **Dr. (Mrs.) R. Jansi Rani**
    Assistant Professor (SS)

Mathematics

26. **Dr. (Mrs.) K. Udaya Chandrika**
    Dean & Professor

27. **Dr. (Mrs.) P. Jeyalakshmi**
    Professor & HOD

28. **Dr. (Mrs.) A.R. Sudamani Ramasamy**
    Professor

29. **Dr. (Mrs.) K. Sivakamasundari**
    Professor

30. **Dr. (Mrs.) N. Balamani**
    Assistant Professor (SS)

Physics

31. **Dr. (Mrs.) J. Shanthi**
    Professor

32. **Dr. (Mrs.) N.S. Rajeswari**
    Assistant Professor (SG) & HOD i/c

33. **Mrs. S. Anitha**
    Assistant Professor

34. **Dr.(Mrs.) V.Sasirekha**
    Assistant Professor (SS)

Chemistry

35. **Dr. (Mrs.) R.Rajalakshmi**
    Professor

36. **Dr. (Mrs.) N. Renugadevi**
    Professor

37. **Dr. (Mrs.) Shubashini K. Sripathi**
    Professor & HOD

38. **Dr. (Mrs.) R. Saratha**
    Professor

39. **Dr.(Mrs.) P.Lalitha**
    Associate Professor

40. **Dr. (Mrs.) J. Thamarai Selvi**
    Associate Professor

41. **Dr.(Mrs.) M. Gowri**
    Assistant Professor (SS)

42. **Dr. (Ms.) V. Sharulatha**
    Assistant Professor (SS)

Computer Science

43. **Dr. (Mrs.) G. Padmavathi**
    Professor

44. **Dr. (Mrs.) V. Radha**
    Professor

45. **Dr. (Mrs.) S.N. Geethalakshmi**
    Professor

46. **Dr. (Mrs.)Vasantha Kalyani David**
    Professor & HOD

47. **Dr. (Mrs.) B. Kalpana**
    Professor

48. Dr. (Mrs.) I. Elizabeth Shanthi
Professor

49. Dr. (Mrs.) P. Subashini
Professor

50. Dr.(Mrs.) N. Valliammal
Assistant Professor (SS)

51. Dr. (Mrs.) V.Srividhya
Assistant Professor (SG)

Information Technology

52. Dr.(Mrs.) D. Shanmugapriya
Assistant Professor & HOD

Botany

53. Dr.(Mrs.) A. Vijayalakshmi
Dean & Professor

54. Dr. (Mrs.) M.K. Nisha
Assistant Professor and HOD i/c

55. Dr. (Mrs.) R.Karthiyayini
Assistant Professor

56. Dr. (Mrs.) S.Amutha
Assistant Professor

Zoology

57. Dr. (Mrs.) N. Krishnaveni
Professor & HOD

58. Dr. (Ms.) K.Manimegalai
Professor

59. Dr.(Mrs.) K.S. Santhy
Professor

60. Dr.(Mrs.) M. Poonkothai
Assistant Professor (SG)

61. Dr.(Mrs.) G.Maheswari
Assistant Professor (SS)

Biochemistry, Biotechnology & Bioinformatics

62. Dr. (Mrs.) Anitha Subash
Professor & HOD

63. Dr. (Mrs.) S. Gayathri Devi
Professor

64. Dr.(Mrs.) T.Angayarkanni
Associate Professor

65. Dr. (Mrs.) Kalaiselvi Senthil
Assistant Professor (SG)

66. Dr.(Mrs.) S. Sumathi
Assistant Professor (SG)

Physician Assistant

67. Mrs. S. Poornima Andal
Assistant Professor & HOD i/c

Economics

68. Dr. (Mrs.) K.T. Geetha
Dean & Professor

69. Dr. (Mrs.) Sherly Thomas
Professor

70. Dr. (Mrs.) M. Manonmani
Professor & HOD

71. Dr. (Mrs.) R. Ponmani
Professor

72. **Dr. (Mrs.) S. Gandhimathi**
    Professor

73. **Dr. (Mrs.) C. Parvathi**
    Associate Professor

74. **Dr. (Ms) V. Malarvizhi**
    Assistant Professor (SG)

75. **Dr.(Mrs.) M. Shanthi**
    Assistant Professor

Tamil

76. **Dr. (Mrs.) C. Priyadharshini**
    Assistant Professor (SS)

77. **Dr. (Ms.) G. Galavathi**
    Assistant Professor (SG) & HOD (i/c)

78. **Dr.(Mrs.) S.Bharani**
    Assistant Professor (SS)

Hindi

79. **Dr. (Mrs.) Shobhana Kokkadan**
    Professor

80. **Dr.(Mrs.) Shashi Prabha Jain**
    Professor

81. **Dr.(Mrs.) G. Shanthi**
    Assistant Professor (SG) & HOD i/c

French

82. **Dr.(Mrs.) G.Jeevaratnam**
    Assistant Professor (SG)

English

83. **Dr. (Mrs.) S.Kalamani**
    Professor

84. **Mrs. A. Vijayarani**
    Associate Professor

85. **Dr. (Mrs.) S. Christina Rebecca**
    Professor

86. **Dr. (Mrs.) Chitra Sivasubramaniam**
    Associate Professor & HOD

87. **Dr.(Mrs.) A.Jayasree**
    Assistant Professor (SS)

88. **Dr. (Mrs.) Raichel M.Sylus**
    Assistant Professor (SG)

Music

89. **Dr. (Mrs.) V. Janaka Maya Devi**
    Professor

90. **Dr. (Mrs.) A.V.Sajini**
    Assistant Professor & HOD i/c

Psychology

91. **Dr. (Mrs.) S. Gayatridevi**
    Associate Professor & HOD

92. **Dr. (Mrs.) N.V. Amudhadevi**
    Assistant Professor

Visual Communication

93. **Dr.(Mrs.) E. Indira**
    Assistant Professor (SS) & HOD i/c

94. **Dr.(Mrs.) V.Jayashree**
    Assistant Professor

95. **Mrs. V. Ezhilarasi**
    Assistant Professor

Department of Business Administration

   96. **Dr.(Mrs.) P. Chitramani**
      Dean & Professor

   97. **Dr.(Mrs.) A. Pankajam**
      Associate Professor & HOD

   98. **Dr.(Mrs.) J. Arthi**
      Associate Professor

   99. **Dr. (Ms.) K. Ramya**
      Assistant Professor (SS)

   100. **Dr.(Mrs.) T. Amutha**
      Assistant Professor (SS)

Commerce

   101. **Dr.(Mrs.) D. Geetha**
      Professor and HOD

   102. **Dr. (Mrs.) P. Santhi**
      Professor

   103. **Dr. (Mrs.) K. Kanniammal**
      Professor

   104. **Dr. (Mrs.) D. Vennila**
      Assistant Professor (SS)

   105. **Dr. (Mrs.) K. Vidhyakala**
      Assistant Professor (SS)

Tourism Management

   106. **Dr. (Mrs.) V.T. Bindu**
      Assistant Professor (SS) & HOD i/c

Education

   107. **Dr. (Mrs.) N. Vasuki**
      Professor

108. Dr.(Mrs.) M.Chandravathana
Associate Professor

109. Dr.(Mrs.) H. Indu
Associate Professor

110. Mrs .S.S Manimozhi
Assistant Professor (SG) & HOD i/c

111. Mrs. S. Andal
Assistant Professor (SS)

Special Education

112. Dr.(Mrs.) T. Geetha
Dean & Professor

113. Dr. (Mrs.) G. Victoria Naomi
Professor & HOD

114. Dr. (Mrs.) V.Mrunalini
Assistant Professor (SS)

115. Dr.(Mrs.) K.Sambath Rani
Assistant Professor (SG)

Physical Education

116. Dr. (Mrs.) T. Shanmugavalli
Associate Professor

117. Dr. (Mrs.) R. Saravana Prabha
Assistant Professor (SG) & HOD i/c

118. Dr. (Mrs.) P. Vanithamani
Assistant Professor (SG)

Department of Computer Science and Engineering

119. Dr. (Mrs.) S. Sivakumari
Professor & HOD

120. Dr. (Mrs.) P. Amudha
Associate Professor

121. Dr.(Mrs.) S. Sivaranjani
Assistant Professor

122. Dr.(Mrs.) M. Aasha
Assistant Professor

Department of Biomedical Instrumentation Engineering

123. Dr. (Mrs.) Judith Justin
Professor & HOD

124. Dr. (Mrs.) R. Vanithamani
Associate Professor

125. Mrs.J. Revathi
Assistant Professor (SS)

Department of Food Processing And Preservation Technology

126. Dr. (Mrs.) A. Lovelin Jerald
Associate Professor & HOD

127. Mrs.P. HemaPrabha
Assistant Professor (SS)

Department of Printing Technology

128. Dr. (Mrs.) T.K.S. Lakshmipriya
Professor & HOD

129. Dr.(Mrs.) A. Arulmozhi
Associate Professor

Department of Electronics & Communication Engineering

130. Dr.(Mrs.) B. Sargunam
Associate Professor & HOD

131. Mrs. R. Chitra
Assistant Professor (SS)

132. **Dr.(Mrs.) D.Veeravanitha**
Assistant Professor

Department of Science and Humanities

133. **Dr. (Mrs.) A. Ayisha Begam**
Associate Professor

134. **Dr. (Mrs.) S. Malarvizhi**
Associate Professor & HOD

135. **Dr.(Mrs.) T. Poongodi**
Assistant Professor (SG)

136. **Dr. (Mrs.) S.Rani**
Assistant Professor (SS)

137. **Dr. (Mrs.) D. Sumitha**
Associate Professor

Department of Civil Engineering

138. **Dr. (Mrs.) S. Maragatham**
Dean & Professor

139. **Dr. (Mrs.) R. Nithya**
Associate Professor & HOD

140. **Mrs. S. Shanthi**
Assistant Professor

141. **Dr.(Mrs.) G.P.Jeyanthi**
Director , Research and Consultancy

142. **Dr.(Mrs.) K. Manimozhi**
Controller of Examinations i/c

143. **Dr.(Mrs.) S. Kowsalya**
Registrar
Secretary

Dr.(Mrs.)Premavathy Vijayan, Vice Chancellor of the Institution informed the Academic Council members about the demise of our Chancellor **Padmashree Dr.P.R.Krishnakumar** Avl and his achievements during his life time. The Vice Chancellor asked the members to observe one minute silence prayer for the departed soul to rest in peace.

The Academic Council meeting started with Prayer by Dr.A.V.Sajini.

Welcome Address

Dr.(Mrs.) K.T.Geetha, Dean, School of Arts and Social Sciences welcomed all the Academic Council members.

Business brought forward by the Boards of Studies

1. The Boards of Studies meeting conducted by **various departments** of the Institute through online due to COVID-19 recommended the following and the **Chairperson of the Academic Council Dr. (Mrs.) Premavathy Vijayan** moved the same:

    a. The revised Conceptual Framework for all the Postgraduate Programmes applicable for the students admitted from the academic year 2020 - 2021 & onwards as given in Annexure 1.1 were approved.

    b. Introduction of the following aspects applicable for M.Phil. and Ph.D. scholars admitted from the academic year 2020-2021 & onwards, as given in Annexure 1.2 were approved:

        i. Compulsory two credit course Publication Ethics and Publication Misconducts entitled **20MPRP04 / 20PHRP04 Research and Publication Ethics (RPE).**

        ii. The Credit system for M.Phil. and Ph.D.

    c. i. Separate subject codes for the existing **Co-curricular courses** applicable for **Bachelor of Engineering** students admitted from the academic year 2018-19 and 2019-2020, since the Part IV components are **Non-credit Mandatory Courses (NCMC)** for B.E as given in Annexure 1.3 were ratified.

    ii. Separate subject codes for the existing **Co-curricular courses** applicable for **Bachelor of Engineering** students admitted from the academic year 2020-2021 & onwards, since the Part IV components are **Non-credit Mandatory Courses (NCMC)** for B.E as given in Annexure 1.3 were approved.

d.   The list of **Professional Certification Courses** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 1.4 was approved.

e.   The revised code number of **19BAES01 – Environmental Studies** offered during 2nd semester applicable for Undergraduate students admitted from the academic year 2019-2020 & onwards as given in Annexure 1.5 was ratified.

Dr. K. Udaya Chandrika, Dean, School of Physical Sciences and Computational Sciences seconded the motion.

2.   The Board of Studies in **Resource Management** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Resource Management **Dr.(Mrs.)M.R.Thilakam** moved the same:

a.   The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Interior Design and Resource Management** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 2.1 was approved.

b.   The revised Syllabi of **M.Sc. Interior Design and Resource Management** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 2.1 was approved.

c.   The revised code number of Interdisciplinary Course **20MIRI01- Interior Design Perspectives** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Interior Design and Resource Management admitted from the academic year 2020-2021 & onwards as given in Annexure 2.2 was approved.

d.   The revised code number of Multidisciplinary Course **20MIRM01 – Green Consumerism** during 3rd semester applicable for all Postgraduate students except **M.Sc. Interior Design and Resource Management** admitted from the academic year 2020-2021 & onwards as given in Annexure 2.3 was approved.

e.   i) The following Specialization papers applicable for Ph.D. scholars admitted in July 2019 as given in Annexure 2.4 were ratified:

19PHRM03A – **Designing Space for Living** (Full time)
19PHRM03B - **Ergonomics in Work Space Design** (Part time)
19PHRM03C - **Work Life Balance of Employed Women** (Part time)
19PHRM03D - **Ergonomics and its Applicability in Work Space Design**
          (Part time)
19PHRM03E - **Space Management in Residential Apartments** (Part time)
19PHRM03F - **Housing and Environmental Planning** (Part time) and
19PHRM03G - **Entrepreneurial Skills among Women** (Part time).

ii) The following Specialization papers applicable for Ph.D. Part time scholars admitted in January 2020 as given in Annexure 2.4 were ratified:

19PHRM03H - Designing Life Space and
19PHRM03I - Ergonomic Concerns in Home and Farm Activities.

f. Introduction of Co-curricular Course on **20BSCRM1 - Creative Arts and Crafts** for the Undergraduate students from the academic year 2020-2021 & onwards as given in Annexure 2.5 was approved.

Dr. A. Parvathi, Former Dean, Faculty of Science seconded the motion.

The motion was passed unanimously.

3. The Board of Studies in **Food Service Management and Dietetics** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Food Service Management and Dietetics **Dr.(Mrs.) S. Uma Mageshwari** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Food Service Management and Dietetics** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 3.1 was approved.

b. The revised Syllabi of **M.Sc. Food Service Management and Dietetics** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 3.1 was approved.

c. The revised code number of Interdisciplinary Course **20MFDI01 – Food and Health Science** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Food Service Management and Dietetics admitted from the academic year 2020-2021 & onwards as given in Annexure 3.2 was approved.

d. The revised code number of Multidisciplinary Course **20MFDM01- Women Health and Wellbeing** during 3rd semester applicable for all Postgraduate students except M.Sc. Food Service Management and Dietetics admitted from the academic year 2020-2021 & onwards as given in Annexure 3.3 was approved.

e. Introduction of Professional Certification Course **20MFDPC1 – Employability Development Programme** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 3.4 was approved.

f. i) The following Specialization papers applicable for Ph.D. scholars admitted in July 2019 as given in Annexure 3.5 were ratified.

19PHFD03A – **Product Development and Value Addition in Cereal Products**
(Full time) and
19PHFD03B – **Micro Greens** (Part time).

ii) The Specialization paper **19MPFD03A** - **Millets in Health** applicable for M.Phil. scholar admitted in July 2019 as given in Annexure 3.6 was ratified.

Dr.A. Pankajam, Associate Professor and HOD, Department of Business Administration seconded the motion.

The motion was passed unanimously.

4. The Board of Studies in **Food Science and Nutrition** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Food Science and Nutrition **Dr. (Mrs.)A.Thirumani Devi** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Food Science and Nutrition** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 4.1 was approved.

b. The revised Syllabi of **M.Sc. Food Science and Nutrition** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 4.1 was approved.

c. The revised code number of Interdisciplinary Course **20MFNI01 – Nutritional Management for lifestyle diseases** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Food Science and Nutrition admitted from the academic year 2020-2021 & onwards as given in Annexure 4.2 was approved.

d. The revised code number of Multidisciplinary Course **20MFNM01 – Wellness and Fitness** during 3rd semester applicable for all Postgraduate students except M.Sc. Food Science and Nutrition admitted from the academic year 2020-2021 & onwards as given in Annexure 4.3 was approved.

e. The revised Scheme of Instruction and Examination and the Syllabi of **PG Diploma in Public Health Nutrition** applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 4.4 were approved.

f. (i) The following Specialization papers applicable for Ph.D. scholars admitted in July 2019 as given in Annexure 4.5 were ratified:

19PHFN03A – **Nutrition Intervention for Bone Mineral Density** (Full time)
19PHFN03B – **Nutritional Intervention for Attention Deficit Hyperactivity Disorder (ADHD)** (Full time)
19PHFN03C – **Nutritional Interventions for Khasi and Garo Tribal Adolescent girls** (Full time)
19PHFN03D – **Anaemia in Hypothyroidism** (Part time)
19PHFN03E – **Formulation of Recipes with Cardiospermum helicacabum and Effect of Supplementation on Osteoporosis** (Part time) and
19PHFN03F – **Intervention on Micronutrient Deficiencies** (Part time).

(ii) The following Specialization papers applicable for Ph.D. Full time scholars admitted in January 2020 as given in Annexure 4.5 were ratified:

19PHFN03G – **Personalized Nutrition Education for Triple Burden of Malnutrition** and
19PHFN03H – **Millets and Lifestyle Disorders.**

g. The inclusion of BA /B.Sc. Hons. Home Science/ Community Science/Nutrition / B.Sc. Home Science / Food Science & Nutrition / Foods & Nutrition / Human Nutrition & Nutraceuticals / Public Health Nutrition / Food Science and Technology / Food Processing & Quality Control as eligibility criteria for admission to the Postgraduate Programmes in Food Science and Nutrition from the academic year 2020-2021 & onwards was ratified.

Dr.N.Vasugi, Dean and Professor**,** School of Home Science seconded the motion.

The motion was passed unanimously.

5. The Board of Studies in **Textiles and Clothing** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Textiles and Clothing **Dr.(Mrs.) G. Bagyalakshmi** moved the same:

a. The revised Schemes of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Textiles and Fashion Apparel** and **M.Sc. Biotextiles** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexures 5.1 and 5.2 were approved.

b. The revised Syllabi of **M.Sc. Textiles and Fashion Apparel** and **M.Sc. Biotextiles** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexures 5.1 and 5.2 were approved.

c. The revised contents of Interdisciplinary Course **20MTFI01- Fundamentals of Textiles** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Textiles and Fashion Apparel and M.Sc. Biotextiles admitted from the academic year 2020-2021 & onwards as given in Annexure 5.3 was approved.

d. Introduction of Multidisciplinary Course **20MTFM01 - Eco Friendly Textiles** during 3rd semester applicable for all Postgraduate students except M.Sc. Textiles and Fashion Apparel and M.Sc. Biotextiles admitted from the academic year 2020-2021 & onwards as given in Annexure 5.4 was approved.

e. i) The revised code number of the following Professional Certification Courses applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 5.5 were approved:

   20MTFPC1 - Medical Textiles in collaboration with SITRA
   20MTFPC2 - Designing and Constructing Leather Goods in collaboration with
            Footwear Design and Development Institute, Kancheepuram, Tamilnadu.
   20MTFPC3 - Physical and Chemical Testing Method of Textile Materials in
            collaboration with CSTRI, Bangalore and
   20MTFPC4 - Silk Dyeing, Printing and Finishing in collaboration with
            CSTRI, Bangalore.

   ii) Introduction of the following Professional Certification Courses applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 5.5 were approved:

   20MTFPC5 - Designing on Dobby and Jacquard offered by CSTRI, Bangalore
   20MTFPC6 - Advanced Industrial Pattern Making in collaboration with
            C - Cube Technologies Pvt. Ltd., Coimbatore and
   20MTFPC7 - Advanced Computerized Textile Designing in collaboration with
            C - Cube Technologies Pvt. Ltd., Coimbatore.

f. i) The following Specialization papers applicable for Ph.D. Part time scholars admitted in July,2019 as given in Annexure 5.6 were ratified:

   19PHTC03A – Natural Fibers for Technical Textiles
   19PHTC03B – Advances in Natural Dyeing Methods
   19PHTC03C – Non-Conventional Fibers and their Application in Home Textiles
   19PHTC03D – Eco-Friendly fibers and their Application
   19PHTC03E – Natural Colourants for Textile Dyeing and
   19PHTC03F – Ayurvedic Textiles.

ii) The following Specialization papers applicable for Ph.D. Full time scholars admitted in January, 2020 as given in Annexure 5.6 were ratified:

19PHTC03G – Non conventional Fibers and their Application and
19PHTC03H – Functional Finishes for Technical Textiles.

g. The revised Scheme of Instruction and Examination and the Syllabi of **B.Voc Textile Dyeing and Printing** applicable for the students admitted during the academic year 2019-2020 as given in Annexure 5.7 were ratified.

h. The revised Scheme of Instruction and Examination and the Syllabi of **B.Voc Textile Dyeing and Printing** applicable for the students admitted from the academic year 2020-2021 & onwards as given in Annexure 5.8 were approved.

Dr.S.Visalakshi Rajeswari, Professor, Department of Resource Management seconded the motion.

The motion was passed unanimously.

6. The Board of Studies in **Human Development** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Human Development **Dr.K.Arockia Maraichelvi** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Human Development** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 6.1 was approved.

b. The revised Syllabi of **M.Sc. Human Development** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 6.1 was approved.

c. The revised contents of Interdisciplinary Course **20MHDI01- Human Development and Cultural Heritage** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Human Development admitted from the academic year 2020-2021 & onwards as given in Annexure 6.2 was approved.

d. The revised contents of Multidisciplinary Course **20MHDM01 – Perspectives in Marriage and Parenthood** during 3rd semester applicable for all Postgraduate students except M.Sc. Human Development admitted from the academic year 2020-2021 & onwards as given in Annexure 6.3 was approved.

e. Introduction of Professional Certification Course **20MHDPC1 - Emotional Intelligence** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 6.4 was approved.

f. i) The following Specialization papers applicable for Ph.D. Full time scholars admitted during July, 2019 as given in Annexure 6.5 were ratified:

19PHHD03A – Early Childhood Care and Education and
19PHHD03B – Pregnancy and Prenatal Development.

ii) The following Specialization papers applicable for M.Phil. scholars admitted in July, 2019 as given in Annexure 6.6 were ratified:

19MPHD03A – Early Childhood Care and Education
19MPHD03B – Adolescent Development and Behaviour and
19MPHD03C - Middle Childhood years - Development and Challenges.

g. Introduction of the following courses applicable for Undergraduate students from the academic year 2020-2021 & onwards as given in Annexure 6.7 were approved:

Value Added Course   – 20BHDV01 – Designing Learning Materials for
                                            Early Childhood and
Co-curricular Course – 20BHDCC1 – Preschool Teaching.

Dr.E.Ramganesh, Professor, Head & Chair – School of Education, Bharathidasan University expressed his pleasure to be a part of our Institute's Academic Council. He pointed out the important attributes of Human Development as mindfulness and positive psychology which are need of the hour; Human Development department has greater role to offer programmes for the community to cope up with the pandemic situation and for the youngsters especially to reduce the incidence of depression and suicides. Professor also pointed out that emphasis given to Early Childhood Care and Education in the National Education Policy 2020 and asked the department to contribute in laying a strong foundation for children in their early years.

Dr.Premavathy Vijayan, Vice Chancellor of the Institution expressed that the Institution is running a nursery school wherein the students are given the practical training by the Human Development department.

Mr.K.N. Visveswaran, Chief Mentor, Hexavarsity, suggested the department to take a role in solving the loneliness and emotional issues of students in the Pandemic situation by offering Counselling.

Dr.K. Arockia Maraichelvi, Associate Professor and HoD, Department of Human Development accepted the Academic Council members' suggestions and informed that the department is offering the Emotional Intelligence Course to all the Postgraduate students irrespective of their majors.

Professor Dr.E.Ramganesh, also pointed out the initiatives taken by the 1st year B.E. students of NIT, Trichy to train the Rural Government school students for clearing the JE examinations and asked the Human Development department to initiate the Counselling among rural community especially to government school children in order to avoid suicide cases among the youngsters.

Dr.T. Geetha, Dean and Professor, School of Education seconded the motion.

The motion was passed unanimously.

7. The Board of Studies in **Home Science Extension Education** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Home Science Extension Education **Dr.S.Rajalakshmi** moved the same:

   a. The revised Schemes of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Extension and Communication** and **Master of Social Work** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexures 7.1 and 7.2 were approved.

   b. The revised Syllabi of **M.Sc. Extension and Communication** and **Master of Social Work** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexures 7.1 and 7.2 were approved.

   c. i) The revised code number of Interdisciplinary Course **20MEXI01 - Advertisement and Visual Publicity** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Extension and Communication admitted from the academic year 2020-2021 & onwards as given in Annexure 7.3 was approved.

   ii) Introduction of Interdisciplinary Course **20MSWI01- Basic Life skills** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than Master of Social Work admitted from the academic year 2020-2021 & onwards as given in Annexure 7.3 was approved.

   d. The revised code number of Multidisciplinary Course **20MEXM01 – Communication for Societal Development Service** during 3rd semester applicable for all Postgraduate students except M.Sc. Extension and Communication admitted from the academic year 2020-2021 & onwards as given in Annexure 7.4 was approved.

   e. i) The revised code number of Professional Certification Course **20MEXPC1 – Entrepreneurship Training and Development** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 7.5 was approved.

ii) Introduction of Professional Certification Course **20MEXPC2 – Social Marketing through Puppetry** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 7.5 was approved.

f. The revised code number of **CSS** as **20MSXCS1 / 20MECS01** applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 7.6 was approved.

g. i) The Specialization paper **19PHEX03A** – **Social Media and Communication** applicable for Ph.D. Full time scholar admitted in July, 2019 as given in Annexure 7.7 was ratified.

ii) The following Specialization papers applicable for Ph.D. scholars admitted in January, 2020 as given in Annexure 7.7 were ratified:

> **19PHEX03B – Communication and Audio Visual Aids** (Full time)
> **19PHEX03C – Women and Menstrual Hygiene Management** (Full time) and
> **19PHEX03D – Women Safety Measures and Management** (Part time)

h. Introduction of Co-curricular Course **20BRDCC1 – Folk Dances of Tamil Nadu** applicable for Undergraduate students from the academic year 2020-2021 & onwards as given in Annexure 7.8 was approved.

Dr. E. Ramganesh, Bharathidasan University suggested to modify the title of Paper 19PHEX03B – Communication and Audio Visual Aids as **Communication Technology** as the term Audio Visual Aids does not include all the modern technologies.

Dr.K.S.Pushpa, Professor, Department of Home Science, Gandhigram Rural Institute, asked to give equal weightage to the Extension papers and Communication papers for M.Sc. Extension and Communication in the next revision and also suggested to include Internet of Things (IoT) instead of Audio visual aids.

Dr.S.Rajalakshmi Chairperson of Board of Studies in Home Science Extension Education accepted the suggestions given by the Academic Council members.

Dr.(Mrs.) P. Chitramani, Dean and Professor, School of Commerce and Management seconded the motion.

The motion was passed unanimously.

8. The Board of Studies in **Women's Studies** at its meeting held through online recommended the following and **Dr.(Mrs.) N.Vasugi** , Dean, School of Home Science moved the same:

a. i) The Specialization paper **19PHWS03A – Women and Health** applicable for Ph.D. Part time scholar admitted in July 2019 as given in Annexure 8.1 was ratified.

ii) The following Specialization papers applicable for Ph.D. scholars admitted in January,2020 as given in Annexure 8.1 were ratified:

19PHWS03B – Issues and Problems of Women in India (Full time)
19PHWS03C – Approaches for Prevention, Screening and Early Detection of Cancer (Part time)
19PHWS03D – Management of Premenstrual Syndrome by Self – Restructuring (Part time)
19PHWS03E – Menopausal Challenges (Part time) and
19PHWS03F – Effectiveness of Exercises in Managing Dysmenorrhea among Adolescent Girls (Part time).

b. The following Specialization papers applicable for M.Phil. scholars admitted in July 2019 as given in Annexure 8.2 were ratified:

19MPWS03A – Women in Entrepreneurship and
19MPWS03B – Women Entrepreneurship through e-Business.

Dr.K. Manimozhi, Controller of Examinations (i/c) seconded the motion.

The motion was passed unanimously.

9. The Board of Studies in **Mathematics** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Mathematics **Dr.P.Jeyalakshmi** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Mathematics** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 9.1 was approved.

b. The revised Syllabi of **M.Sc. Mathematics** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 9.1 was approved.

c. The revised code number of Interdisciplinary Course **20MMAI01 - Mathematical Techniques** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Mathematics admitted from the academic year 2020-2021 & onwards as given in Annexure 9.2 was approved.

d. The revised code number of Multidisciplinary Course **20MMAM01 - Power Course on Quantitative Aptitude** during 3rd semester applicable for all Postgraduate students except M.Sc. Mathematics admitted from the academic year 2020-2021 & onwards as given in Annexure 9.3 was approved.

e. i) The following Specialization papers applicable for M.Phil. scholars admitted in July, 2019 as given in Annexure 9.4 were ratified:

19MPMA03A – **Queueing Systems**
19MPMA03B – **Statistical Quality Control** and
19MPMA03C – **Wavelet Analysis.**

ii) The following Specialization papers applicable for Ph.D. Full time scholars admitted in July, 2019 as given in Annexure 9.5 were ratified:

19PHMA03A – **Bipolar Soft Topological Spaces** and
19PHMA03B – **Fuzzy and Neutrosophic Topology.**

iii) The Specialization paper **19PHMA03C** – **Generalized closed sets in Topological Spaces** applicable for Ph.D. (Full time & Part time) Scholars admitted in January, 2020 as given in Annexure 9.5 was ratified.

Dr.E.Ramganesh pointed out that the skill domain is very much needed for Global Economy in the present scenario and hence Mathematical Modelling and Data Mining must be included in the Curriculum.

Mr.K.N.Visveswaran, Chief Mentor, Hexavarsity, suggested to offer these Courses as Interdisciplinary Courses with the Computer Science department.

Dr.P.Jeyalakshmi, Professor and HoD, Chairperson of Board of Studies in Mathematics accepted to include the suggested aspects in the next revision.

Dr. V. Radha, Professor,Department of Computer Science seconded the motion.

The motion was passed unanimously.

10. The Board of Studies in **Physics** at its meeting held through online recommended the following and the Chairperson (i/c) of the Board of Studies in Physics **Dr.(Mrs.) N.S.Rajeswari** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Physics** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 10.1 was approved.

b. The revised Syllabi of **M.Sc. Physics** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 10.1 was approved.

c. The revised contents of Interdisciplinary Course **20MPHI01 – LASER and its day-to-day applications** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Physics admitted from the academic year 2020-2021 & onwards as given in Annexure 10.2 was approved.

d. The revised contents of Multidisciplinary course **20MPHM01 – Physics and Life** during 3rd semester applicable for all Postgraduate students except M.Sc. Physics admitted from the academic year 2020-2021 & onwards as given in Annexure 10.3 was approved.

e. The revised title and contents of Professional Certification Course **20MPHPC1 – Fundamentals of LABVIEW** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 10.4 was approved.

f. Introduction of Co-curricular Course **20BPHCC1 – Microprocessor and its interfacing** for Undergraduate students from the academic year 2020-2021 & onwards as given in Annexure 10.5 was approved.

g. The Specialization paper **19PHPH03A – Nuclear Physics** applicable for Ph.D. Full time scholar admitted in July, 2019 as given in Annexure 10.6 was ratified.

Mr.Visveswaran said that the Microprocessor and its interfacing was almost obsolete and hence suggested to change the nomenclature in the next revision.

Dr.Vasantha Kalyani David, Professor and HOD, Department of Computer Science seconded the motion.

The motion was passed unanimously.

11. The Board of Studies in **Chemistry** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Chemistry **Dr. (Mrs.) Shubashini K.Sripathi** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Chemistry** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 11.1 was approved.

b. The revised Syllabi of **M.Sc. Chemistry** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 11.1 was approved.

c. The revised contents of Interdisciplinary Course **20MCHI01- Nanomaterials and their Applications** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Chemistry admitted from the academic year 2020-2021 & onwards as given in Annexure 11.2 was approved.

d. The revised title and contents of Multidisciplinary Course **20MCHM01- Green Strategies in Life** during 3rd semester applicable for all Postgraduate students except M.Sc. Chemistry admitted from the academic year 2020-2021& onwards as given in Annexure 11.3 was approved.

e. The revised title and contents of Professional Certification Course **20MCHPC1- Analytical and Phytochemical Techniques** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 11.4 was approved.

f. The following Specialization papers applicable for Ph.D. Full time scholars admitted in July, 2019 as given in Annexure 11.5 were ratified:

   19PHCH03A – Corrosion Science
   19PHCH03B - Organic Chemistry
   19PHCH03C - Green Methods of Extraction and Nanochemistry
   19PHCH03D - Advanced Materials Chemistry and
   19PHCH03E – Advanced Co-ordination Chemistry.

g. The following Specialization papers applicable for M.Phil. scholars admitted in July, 2019 as given in Annexure 11.6 were ratified:

   19MPCH03A- Green Methods of Extraction and Nanochemistry
   19MPCH03B- Electrochemical Energy Storage
   19MPCH03C- Phytochemical Methods and
   19MPCH03D- Organometallic Chemistry.

Dr.A.Thirumani Devi, Professor and HOD, Department of Food Science and Nutrition seconded the motion.

The motion was passed unanimously.

12. The Board of Studies in **Computer Science** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Computer Science **Dr. (Mrs.) Vasantha Kalyani David** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Computer Science** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 12.1 was approved.

b. The revised Syllabi of **M.Sc. Computer Science** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 12.1 was approved.

c. As per the AICTE guidelines, Introduction of **Master of Computer Applications** (two years programme) applicable from the academic year 2020-2021 & onwards was approved.

d. Introduction of Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Objectives and Course Outcomes for **Master of Computer Applications** (two years programme) applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 12.2 were approved.

e. The revised contents of Interdisciplinary Course **20MCSI01 - Social Computing** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Computer Science and Master of Computer Applications admitted from the academic year 2020-2021 & onwards as given in Annexure 12.3 was approved.

f. The revised contents of Multidisciplinary Course **20MCSM01 – Cyber Security and Cyber Law** during 3rd semester applicable for all Postgraduate students except M.Sc. Computer Science and Master of Computer Applications admitted from the academic year 2020-2021 & onwards as given in Annexure 12.4 was approved.

g. i) The following Specialization papers applicable for Ph.D. scholars admitted in July, 2019 and January, 2020 as given in Annexure 12.5 were ratified:

> **19PHCS03A** – **Big Data Analytics and Machine Learning** (Full time)
> **19PHCS03B** – **Data Warehousing and Mining** (Full time)
> **19PHCS03C** – **Digital Image Processing** (Full time)
> **19PHCS03D** – **Machine Learning and Data Mining** (Full time)
> **19PHCS03E** – **Data Ware Housing and Data Mining** (Part time)
> **19PHCS03F** – **Data Analytics and Machine Learning** (Full time)
> **19PHCS03G** – **Machine and Deep Learning Methods for Cyber Security**
>   (Part time and Full time)
> **19PHCS03H** – **Data and Web Mining** (Part time)
> **19PHCS03I** – **Data Mining and Warehousing** (Part time)
> **19PHCS03J** – **Learning Analytics and Machine Learning** (Part time)
> **19PHCS03K** – **Soft Computing** (Part time) and
> **19PHCS03L** – **Software Engineering** (Full time).

ii) The following Specialization papers applicable for M.Phil. scholars admitted in July, 2019 as given in Annexure 12.6 were ratified:

> **19MPCS03A – Cyber Security and Cloud Computing**
> **19MPCS03B – Data Warehousing and Mining** and
> **19MPCS03C – Machine Learning and Data Mining.**

h.   i) Introduction of UGC approved B.Voc. Degree Programme **Artificial Intelligence and Machine Learning** from the academic year 2019-2020 & onwards was ratified.

(ii) Introduction of Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **B.Voc. Artificial Intelligence and Machine Learning** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted during the academic year 2019-2020 as given in Annexure 12.7 was ratified.

(iii)Introduction of Syllabi for **B.Voc. Artificial Intelligence and Machine Learning** with the inclusion of Objectives and Course Outcomes applicable for students admitted during the academic year 2019-2020 as given in Annexure 12.7 was ratified.

i.   The revised Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Objectives and Course Outcomes for **B.Voc. Artificial Intelligence and Machine Learning** applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 12.8 were approved.

j.   Introduction of Scheme of Instruction and Examination and the Syllabi for **Post Graduate Diploma in Artificial Intelligence** as given in Annexure 12.9 were approved**.**

k.   Introduction of the Professional Certificate Course **20MCSPC1- Artificial Intelligence and Machine Learning Applications** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 12.10 was approved.

l.   Introduction of the following Courses applicable for Undergraduate students from the academic year 2020-2021 & onwards as given in Annexure 12.11 were approved:

    i.   Value added Course: **20BCSV01 - Digital Intelligence**
    ii. Co curricular Courses: **20BSCCS1** - **Digital Marketing**
                        20BSCCS2 - Artificial Intelligence in IoT
                        20BSCCS3 - Cyber Intelligence and
                        20BSCCS4 - Data Analytics.

Dr.Subhashini K.Sripathi, Professor and HOD, Department of Chemistry seconded the motion.

The motion was passed unanimously.

13. The Board of Studies in   **Information Technology** at its meeting held through online recommended   the following and the Chairperson of the Board of Studies in Information Technology **Dr.D.Shanmugapriya** moved the same:

a.   The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Information Technology** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 13.1 was approved.

b. The revised Syllabi of **M.Sc. Information Technology** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 13.1 was approved.

c. The revised code number of Interdisciplinary Course **20MITI01 – Cyber Forensics** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Information Technology admitted from the academic year 2020-2021 & onwards as given in Annexure 13.2 was approved.

d. The revised code number of Multidisciplinary Course **20MITM01 – ICT for Learning** during 3rd semester applicable for all Postgraduate students except M.Sc. Information Technology admitted from the academic year 2020-2021 & onwards as given in Annexure 13.3 was approved.

e. The inclusion of Computer Application in addition with the existing criteria (Any group with Mathematics / Business Mathematics / Computer Science/ Informatics Practices / Multimedia and Web Technology) for admission to B.Sc. Information Technology from the academic year 2020-2021 & onwards was ratified.

Dr. Judith Justin, Professor and HOD, Department of Biomedical Instrumentation Engineering seconded the motion.

The motion was passed unanimously.

14. The Board of Studies in **Botany** at its meeting held through online recommended the following and the Chairperson (i/c) of the Board of Studies in Botany **Dr.(Mrs.) M.K.Nisha** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Botany** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020 - 2021 & onwards as given in Annexure 14.1 was approved.

b. The revised Syllabi of **M.Sc. Botany** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 14.1 was approved.

c. The revised code number of Interdisciplinary Course **20MBOI01 – Microbial Technology and Herbal Drugs** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Botany admitted from the academic year 2020-2021 & onwards as given in Annexure 14.2 was approved**.**

d. The revised code number of Multidisciplinary Course **20MBOM01 – Value - Added Plant Products of Industrial Importance** during 3rd semester applicable for all Postgraduate students except M.Sc. Botany admitted from the academic year 2020-2021 & onwards as given in Annexure 14.3 was approved.

e. Introduction of Professional Certification Course **20MBOPC1 – Medicinal Plant Processing** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 14.4 was approved.

f. i) The following Specialization papers applicable for M.Phil. scholars admitted in July 2019 as given in Annexure14.5 were ratified:

    19MPBO03A – **Techniques for Sustainable Agriculture** and
    19MPBO03B – **Enzyme Technology.**

ii) The following Specialization papers applicable for Ph.D. Full time scholars admitted in July 2019 as given in Annexure 14.6 were ratified:

    19PHBO03A – **Phytochemistry** and
    19PHBO03B – **Tissue Culture, Natural Products and Microbial Technology.**

iii) The Specialization paper **19PHBO03C** – **Medicinal Plants** applicable for Ph.D. Full time scholar admitted in January 2020 as given in Annexure 14.6 was ratified.

  Dr.G.Bagyalakshmi, Associate Professor and HOD, Department of Textiles and Clothing seconded the motion.

  The motion was passed unanimously.

15. The Board of Studies in **Zoology** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Zoology **Dr.(Mrs.)N.Krishnaveni** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Zoology** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 15.1 was approved.

b. The revised Syllabi of **M.Sc. Zoology** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 15.1 was approved.

c. The revised contents of Interdisciplinary Course **20MZOI01 - Entrepreneurial Avenues in Zoology** during 2nd semester applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Zoology admitted from the academic year 2020-2021 & onwards as given in Annexure 15.2 was approved.

d. The revised code number of Multidisciplinary Course **20MZOM01 - Conservation of Fauna** during 3rd semester applicable for all Postgraduate students except M.Sc. Zoology admitted from the academic year 2020-2021 & onwards as given in Annexure 15.3 was approved.

e. The revised title and contents of Professional Certification Courses **20MZOPC1 - Radioecology** and **20MZOPC2 - Cytogenetic and Molecular Biology Techniques** applicable for Postgraduate Students from the academic year 2020-2021 & onwards as given in Annexure 15.4 were approved.

f. The following Specialization papers applicable for Ph.D. Full time scholars admitted in July 2019 as given in Annexure 15.5 were ratified:

     19PHZO03A – Entomology
     19PHZO03B – Therapeutic Strategies for Life Style Disorders
     19PHZO03C – Solid Waste Management
     19PHZO03D – Water Pollution and
     19PHZO03E - Pest Management Strategies.

g. The following Specialization papers applicable for M.Phil. scholars admitted in July 2019 as given in Annexure 15.6 were ratified:

     19MPZO03A – Entomology and
     19MPZO03B – Therapeutic Strategies for Life Style Disorders.

Dr.E.Ramganesh suggested to include one unit in Animal Biotechnology paper on 'how to develop digital alternatives?, since animal dissection is banned.

The Chairperson of the Board of Studies Dr.N.Krishnaveni, Professor and HoD, informed that the Online Dissection Models are utilised to teach the students.

Dr.S.Kowsalya, Registrar also explained on the Virtual Laboratory and the activities of Animal Ethical Committee on the research.

Dr. N.S. Rajeswari, Assistant Professor (SG) & HOD i/c, Department of Physics seconded the motion.

The motion was passed unanimously.

16. The Board of Studies in **Biochemistry, Biotechnology and Bioinformatics** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Biochemistry, Biotechnology and Bioinformatics **Dr.(Mrs.) Anitha Subash** moved the same:

a. The revised Schemes of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Biochemistry, M.Sc. Biotechnology** and **M.Sc. Bioinformatics** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexures 16.1, 16.2 and 16.3 were approved.

b. The revised Syllabi of **M.Sc. Biochemistry, M.Sc. Biotechnology** and **M.Sc. Bioinformatics** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexures 16.1, 16.2 and 16.3 were approved.

c. The revised code number of the following Interdisciplinary Courses offered during 2nd semester applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 16.4 were approved:

   i. **20MBCI01 – Natural Antioxidants in Human Health and Diseases** applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Biochemistry.

   ii. **20MBTI01 – Prospects of Biotechnology** applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Biotechnology.

   iii. **20MBII01 – Bioinformatics in Health** applicable for students from **Home Science, Biosciences and Physical Sciences and Computational Sciences** other than M.Sc. Bioinformatics**.**

d. The revised code number of the following Multidisciplinary courses offered during 3rd semester applicable for Postgraduate students admitted from the academic year 2020-2021 & onwards as given in Annexure 16.5 were approved:

   i. **20MBCM01 – Home Remedies for Common Ailments** applicable for all Postgraduate students except M.Sc. Biochemistry.

   ii. **20MBTM01 – Scientific and Technical Writing** applicable for all Postgraduate students except M.Sc. Biotechnology.

   iii. **20MBIM01 – Applications of EXCEL in Statistics** applicable for all Postgraduate students except M.Sc. Bioinformatics.

e. The revised code number of the following Professional Certification Courses applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 16.6 were approved:

        20MBCPC1 – Medical Coding and
        20MBIPC1 – R Programming.

f. i) The following Specialization papers applicable for Ph.D. Full time scholars admitted in July 2019 as given in Annexure 16.7 were ratified:

  Biochemistry
        19PHBC03A – Antimicrobial Research.

Biotechnology

        19PHBT03A – Reverse Pharmacology
        19PHBT03B – Effect of Plant Metabolites on Different Type of Cancer Cells and
        19PHBT03C - Role of Phytochemicals in Treatment and Management of Cancer.

ii) The following Specialization papers applicable for Ph.D. Part time scholars admitted in January 2020 as given in Annexure 16.7 were ratified:

Biochemistry
        19PHBC03B – Enzyme Technology for the Management of Solid Wastes and
        19PHBC03C - Biomarkers in Obesity and Diabetes.

Biotechnology
        19PHBT03D – Enzyme Technology for the Management of Solid Wastes.

iii) The following Specialization papers applicable for M.Phil. scholars admitted in July 2019 as given in Annexure 16.8 were ratified:

        19MPBC03A – Phytonanotechnology in Anticancer Study
        19MPBC03B – Biosynthesis and Characterization of Biopolymers Impregnated with Antimicrobial Substances
        19MPBC03C – Solid Waste Pollution and their Management and
        19MPBC03D – Techniques in Microbial Biochemistry

Dr.S.Uma Mageshwari, Professor and HOD, Department of Food Service Management and Dietetics seconded the motion.

The motion was passed unanimously.

17. The Board of Studies in **Physician Assistant** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Physician Assistant **Mrs.S.Poornima Andal** moved the same:

   a. The revised Part IV Component, by the Inclusion of **Medical Camp** as Extra Curricular Course, for **B.Sc. Physician Assistant** students admitted from the academic year 2018-2019 & onwards as given in Annexure 17.1 was ratified.

   Dr. M.K. Nisha, Assistant Professor and HOD i/c, Department of Botany seconded the motion.

The motion was passed unanimously.

18. The Board of Studies in **Economics** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Economics **Dr. (Mrs.) M.Manonmani** moved the same:

   a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.A. Economics** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 18.1 was approved.

   b. The revised Syllabi of **M.A. Economics** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 18.1 was approved.

   c. The revised code number of Interdisciplinary Course **20MECI01 – Analytical Tools in Research** during 2nd semester applicable for students from **Arts and Social Sciences & Commerce and Management** other than M.A. Economics admitted from the academic year 2020-2021 & onwards as given in Annexure 18.2 was approved.

   d. The revised code number of Multidisciplinary Course **20MECM01 - India's Current Affairs** during 3rd semester applicable for all Postgraduate students except M.A.Economics admitted from the academic year 2020-2021 & onwards as given in Annexure 18.3 was approved.

   e. The Specialization paper **19PHEC03A - Economics of Digitalisation** applicable for Ph.D. Part time scholar admitted during January 2020 as given in Annexure 18.4 was ratified.

   Dr.D. Geetha , Professor and HOD, Department of Commerce seconded the motion.

   The motion was passed unanimously.

19. The Board of Studies in **Tamil** at its meeting held through online recommended the following and the Chairperson (i/c) of the Board of Studies in Tamil **Dr. (Ms.) G.Galavathi** moved the same:

   a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.A. Tamil** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 19.1 was approved.

   b. The revised Syllabi of **M.A. Tamil** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 19.1 was approved.

   c. The revised code number of Interdisciplinary Course **20MTMI01- Rw;Wyhtpay;** during 2nd semester applicable for students from **Arts and Social Sciences & Commerce and Management** other than M.A.Tamil admitted from the academic year 2020-2021 & onwards as given in Annexure 19.2 was approved.

d. The revised code number of Multidisciplinary Course **20MTMM01- ehl;Lg;Gw Mlw;fiyfs;** during 3rd Semester applicable for all Postgraduate students except M.A.Tamil admitted from the academic year 2020-2021 & onwards as given in   Annexure 19.3 was approved.

e. i) The Specialization paper **19PHTM03A - xg;Gik Nehf;fpy; fstop ehw;gJk;> fypq;fj;Jg;guzpAk;** applicable for Ph.D. Full time scholar admitted in January,2020 as given in Annexure 19.4 was ratified.

ii) The following Specialization papers applicable for M.Phil. scholars admitted in July 2019 as given in Annexure 19.5 were ratified:

> **19MPTM03A – cstpay; ghh;itapy; Mz;lhs; ghRuq;fs;**
> **19MPTM03B – khh;f;rPa Nehf;fpy; FWe; njhiff; fhjy;**
> **19MPTM03C – rQ;rhuk; Gjpdj;jpy; tho;tpay;**
> **19MPTM03D – khh;f;rPa Nehf;fpy; kyUk; rUFk; Gjpdk;**
> **19MPTM03E – R.jkpo;r;nry;tp Gjpdj;jpy; tho;tpay;**
> **19MPTM03F – FWe;njhifapy; kfsph; MSik** and
> **19MPTM03G – nghWg;G Gjpdj;jpy; tho;tpay;.**

Dr.E.Ramganesh, suggested to view the website of University of Pennsylvania and appreciated the efforts taken by that University in teaching Tamil language; Professor asked the Tamil department to develop a module similar to that based on the Pavanandhi's ed;Dhy; on the basic requirements of teacher and student and host in our Institute's website.

Mr.K.N.Visveswaran, suggested to teach the basic Tamil course through online which would help the non-Tamil students to learn the significance of Tamil language.

Dr.E.Ramganesh, suggested that the inclusion of Script writing course would be beneficial for Tamil students in getting their employment.

Dr.G.Galavathy, Chairperson of the Board of Studies in Tamil, accepted the suggestions given by the Academic Council Members.

Dr.M.R. Thilakam, Professor and HOD, Department of Resource Management seconded the motion.

The motion was passed unanimously.

20. The Board of Studies in **Hindi** at its meeting held through online recommended the following and the Chairperson (i/c) of the Board of Studies in Hindi **Dr.(Mrs.) G.Shanthi** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.A. Hindi and Journalism** based on the re-structured Choice Based Credit

System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 20.1 was approved.

b. The revised Syllabi of **M.A. Hindi and Journalism** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 20.1 was approved.

c. The revised code number of Interdisciplinary Course **20MHJI01 – Advertisement in Electronic Media** during 2nd semester applicable for students from **Arts and Social Sciences & Commerce and Management** other than M.A. Hindi and Journalism admitted from the academic year 2020-2021 & onwards as given in Annexure 20.2 was approved.

d. The revised code number of Multidisciplinary course **20MHJM01 – Communicative Hindi** during 3rd semester applicable for all Postgraduate students except M.A.Hindi and Journalism admitted from the academic year 2020-2021 & onwards as given in Annexure 20.3 was approved.

e. The revised code number of Professional Certification Courses **20MHJPC1 - Prathmic** and **20MHJPC2 – Madhyama** applicable for Postgraduate students from the academic year 2020-2021 & onwards were approved.

f. i) The following Specialization papers applicable for Ph.D. Part time scholars admitted in July 2019 as given in Annexure 20.4 were ratified:

19PHHI03A – Sathottari Hindi Kahani mein Naari (Chuni Hui kahaniyon ke vishesh sandarbh mein) and

19PHHI03B – Hindi aur Malayalam Bhasha Ki Utpatti Evam Shabdaavali – Ek Adyayan

ii) The Specialization paper **19PHHI03C – Pankaj Subeer ki Kahaniyone mein sthri Vimarsh** applicable for Ph.D. Full time scholar admitted in January 2020 as given in Annexure 20.4 was ratified.

iii) The Specialization paper **19MPHI03A – Samkaaleen Mahila Upanyas Lekhan: Parampara aur Pravruthiyaam (Chandrakantha Ke Vishesh Sandarbh Mein)** applicable for M.Phil. scholar admitted in July 2019 as given in Annexure 20.5 was ratified.

g. The revised Scheme of Instruction and Examination, Objectives, Course Outcomes and the Syllabi for the courses offered from 3rd to 6th semester, applicable for **B.A Functional Hindi** students admitted from the academic year 2019-2020 & onwards as given in Annexure 20.6 were approved.

h. Introduction of Co-curricular Course **20BSCHI1 – Translation in Non - Literary Field** applicable for Undergraduate students from the academic year 2020-2021& onwards as given in Annexure 20.7 was approved.

Dr.K.S.Pushpa, Gandhigram Rural Institute suggested to offer course on Spoken Hindi for staff and students and enquired about Professional Certification courses.

Dr.Premavathy Vijayan, Vice Chancellor of the Institution appreciated the department for offering Spoken Hindi training for Teaching and Non-teaching staff members.

Dr. G.Shanthi, Assistant Professor (SG) and HoD (i/c), Department of Hindi informed about the e-book published by her with the use of three languages.

Mr.K.N.Visveswaran, Chief Mentor, Hexavarsity, appreciated the existence of multilingual staff in the department.

Dr. K.T. Geetha, Dean and Professor, School of Arts and Social Sciences seconded the motion.

The motion was passed unanimously.

21. The Board of Studies in **French** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in French **Dr.(Mrs.) G.Jeevaratnam** moved the same:

   a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **PG Diploma in French** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 21.1 was approved.

   b. The revised Syllabi of **PG Diploma in French** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 21.1 was approved.

   c. The revised Syllabus of **20MTAC05 – Tourism French** offered for MBA Tourism and Travel Management students admitted from the academic year 2020-2021 & onwards as given in Annexure 21.2 was approved.

   d. Introduction of Multidisciplinary course **20MFRM01 - French for Travelers** during 3rd semester applicable for all Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 21.3 was approved.

   Dr.E.Indira, Assistant Professor - SS & HOD (i/c), Department of Visual Communication seconded the motion.

   The motion was passed unanimously.

22. The Board of Studies in **English** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in English **Dr.(Mrs.) Chitra Sivasubramaniam** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.A. English** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 22.1 was approved.

b. The revised Syllabi of **M.A. English** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 22.1 was approved.

c. The revised code number of Interdisciplinary Course **20MENI01 – English for Academic and Professional Purposes** during 2nd semester applicable for students from **Arts and Social Sciences & Commerce and Management** other than M.A. English admitted from the academic year 2020-2021 & onwards as given in Annexure 22.2 was approved.

d. The revised code number of Multidisciplinary course **20MENM01 – Business English** during 3rd semester applicable for all Postgraduate students except M.A.English admitted from the academic year 2020-2021 & onwards as given in Annexure 22.3 was approved.

e. (i). The following Specialization papers applicable for Ph.D. scholars admitted in July 2019 as given in Annexure 22.4 were ratified:

19PHEN03A – Dalit Women Autobiographies (Part time)
19PHEN03B – Literary Food Studies – A Cultural Relativistic Approach
    (Part time)
19PHEN03C – Indian Ecoliterature (Full time)
19PHEN03D – Nigerian Writing in English (Full time)
19PHEN03E – New Historicism and War Narratives (Full time)
19PHEN03F – Indian Literature (Full time) and
19PHEN03G – Indian Dalit Literature (Full time)

ii) The following Specialization papers applicable for Ph.D. Full time scholars admitted in January 2020 as given in Annexure 22.4 were ratified:

19PHEN03H –African Literature
19PHEN03I – Indian English Mythological Fiction
19PHEN03J – American Ecoliterature
19PHEN03K – Subaltern Literature
19PHEN03L – British Young Adult Fiction and
19PHEN03M – Russian Literature

iii) The following Specialization papers applicable for M.Phil. scholars admitted in July, 2019 as given in Annexure 22.5 were ratified:

19MPEN03A – Indian English Literature
19MPEN03B – Indian English Women Writing
19MPEN03C – Children's Literature
19MPEN03D – Indian Writing in English
19MPEN03E – Contemporary Writing in English
19MPEN03F – African Women Writing
19MPEN03G - Contemporary Indian English Fiction
19MPEN03H – Women in Indian Crime and Detective Fictions
19MPEN03I - Indian English Fiction
19MPEN03J – Ecological Studies and
19MPEN03K – New Zealand Writing

f. Introduction of Co-curricular Course **20BSCEN1 – Women in Indian Writings in English** applicable for Undergraduate students from the academic year 2020-2021& onwards as given in Annexure 22.6 was approved.

g. Introduction of General English Courses **20VLEN01 – Communicative English** and **20VLEN02 – Professional English** applicable for B.Voc students admitted from the academic year 2020-2021 & onwards as given in Annexure 22.7 were approved.

Mr.K.N.Visveswaran suggested to offer Communication training to students using automated tools; to include recent textbook for Cyber English and to use updated textbooks for all the courses.

Dr.Chitra Sivasubramaniam, Chairperson of Board of Studies in English accepted the suggestions.

Dr.K.Arockia Maraichelvi, Associate Professor and HOD, Department of Human Development seconded the motion.

The motion was passed unanimously.

23. The Board of Studies in **Music** at its meeting held through online recommended the following and the Chairperson (i/c) of the Board of Studies in Music **Dr. (Mrs.) A.V.Sajini** moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.A. Music** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 23.1 was approved.

b. The revised Syllabi of **M.A. Music** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 23.1 was approved.

c. The revised code number of Interdisciplinary Course **20MMUI01- Sacred and Patriotic songs in different languages** during 2nd semester applicable for students from **Arts and Social Sciences & Commerce and Management** other than M.A.Music admitted from the academic year 2020-2021 & onwards as given in Annexure 23.2 was approved.

d. The revised code number of Multidisciplinary Course **20MMUM01- Life History of Eminent Musicians** during 3rd semester applicable for all Postgraduate students except M.A.Music admitted from the academic year 2020-2021 & onwards as given in Annexure 23.3 was approved.

e. i) The following Specialization papers applicable for Ph.D. Full time scholars admitted in July 2019 as given in Annexure 23.4 were ratified:

> **19PHMU03A** – **Origin and Evolution of Violin** and
> **19PHMU03B** – **Music Therapy – A General Study**

ii) The following Specialization papers applicable for M.Phil. scholars admitted in July 2019 as given in Annexure 23.5 were ratified:

> **19MPMU03A** – யாழும் அதன் வகைகளும்
> **19MPMU03B** – **Padams of Kuttikunji Thankachi and its Chracteristic Features** and
> **19MPMU03C** – **Kritis and its Decorative Angas.**

f. As per the recommendation of the **Standing Committee** held through online on 18.09.2020. Introduction of Certificate Course on **Vocal** (**Level 1**) through online for 7 to 70 years age group (Female Candidates) applicable from the academic year 2020-2021 & onwards was approved.

Dr.E.Ramganesh, Bharathidasan University appreciated the Music department for offering Music therapy and enquired about the contribution of Music department to Children with special needs especially autism children.

Mr.K.N.Visveswaran, suggested to include the course on Keyboard in addition with Violin and Veena which would increase the employment opportunities.

Dr.S.Kowsalya, Registrar informed about the collaboration of Music department and Special Education department in the project entitled, 'Music therapy during pregnancy'. The Chairperson of the Academic Council informed that many Visually Challenged children had completed their degrees in Music.

Dr. Shobhana Kokkadan, Professor, Department of Hindi seconded the motion.

The motion was passed unanimously.

24. The Board of Studies in **Psychology** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Psychology **Dr.(Mrs.) S.Gayatridevi** moved the same:

   a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Sc. Applied Psychology** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 24.1 was approved.

   b. The revised Syllabi of **M.Sc. Applied Psychology** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 24.1 was approved.

   c. The revised code number of Interdisciplinary Course **20MAPI01 – Positive Psychology** during 2nd semester applicable for students from **Arts and Social Sciences & Commerce and Management** other than M.Sc. Applied Psychology admitted from the academic year 2020-2021 & onwards as given in Annexure 24.2 was approved.

   d. The revised code number of Multidisciplinary Course **20MAPM01 – Emotional Intelligence** during 3rd semester applicable for all Postgraduate students except M.Sc. Applied Psychology admitted from the academic year 2020-2021 & onwards as given in Annexure 24.3 was approved.

   e. The following Specialization papers applicable for M.Phil. scholars admitted in July 2019 as given in Annexure 24.4 were ratified:

      19MPCP03A – Positive Therapy for Adults
      19MPCP03B – Academic Stress, Anxiety and Decision Making among Adolescents
      19MPCP03C – Anxiety and its Management
      19MPCP03D – Neuro Linguistic Training for Adolescents
      19MPCP03E – Cognitive Behaviour Therapy for Early Adulthood and
      19MPCP03F – Behavioural Modification for Children with Autism.

   Dr.K.S.Pushpa, Professor of Gandhigram Rural Institute enquired on the inclusion of IQ, EQ and SQ in the Curriculum.

   Dr.S.Gayatridevi, Associate Professor and HoD informed that the aspects were already included and explained about the project completed by her on, "Efficacy of improving the cognitive abilities among learning disabled and normal students by thoppukaranam and yoga" and informed that the thoppukaranam and yoga helped the children to enhance their cognitive abilities.

   Dr.S.Kalamani, Professor, Department of English seconded the motion.

   The motion was passed unanimously.

25. The Board of Studies in **Visual Communication** at its meeting held through online recommended the following and the Chairperson (i/c) of the Board of Studies in Visual Communication **Dr. (Mrs.) E.Indira** moved the same:

   a. Introduction of Co-curricular Course **20BSCVC1 - Certificate in Animation** for the Undergraduate students from the academic year 2020-2021 & onwards as given in Annexure 25.1 was approved.

   Dr.E.Ramganesh, Bharathidasan University, enquired whether the contents of Certificate in Animation include Media and Communication.

   Dr.E.Indira, the Chairperson of Board of Studies in Visual Communication answered the same.

   Dr.D. Shanmugapriya, Assistant Professor and HOD, Department of Information Technology seconded the motion

   The motion was passed unanimously.

26. The Board of Studies in **Political Science** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Political Science **Dr. (Mrs.) K.T.Geetha** moved the same:

   a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.A. Political Science** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 26.1 was approved.

   b. The revised Syllabi of **M.A. Political Science** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 26.1 was approved.

   Dr. M. Manonmani, Professor and HOD, Department of Economics seconded the motion.

   The motion was passed unanimously.

27. The Board of Studies in **Sanskrit** at its meeting held through online recommended the following and **Dr.K.T.Geetha, Dean,** School of Arts and Social Sciences moved the same:

   a. The revised contents of **19BSAI03 - Basics of Computer in Samaskritam (Practicals)** applicable for **B.A.Sanskrit** students admitted from the academic year 2019-2020 & onwards as given in Annexure 27.1 was approved.

The Chairperson of the Academic Council Dr.(Mrs.)Premavathy Vijayan, asked the Academic Council members to encourage more students for admission into M.A.Political Science and B.A.Sanskrit.

Dr.K.S.Pushpa, Professor, Department of Home Science, Gandhigram Rural Institute seconded the motion.

The motion was passed unanimously.

28. The Board of Studies in **Commerce** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Commerce **Dr. (Mrs.) D. Geetha** moved the same:

   a. The revised Schemes of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Com** and **M.Com (Computer Applications)** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexures 28.1 and 28.2 were approved.

   b. The revised Syllabi of **M.Com** and **M.Com (Computer Applications)** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexures 28.1 and 28.2 were approved.

   c. The revised code number of Interdisciplinary courses **20MCOI01- Accounting with Tally** and **20MCOI02 - Commercial Banking Operations** during 2nd semester applicable for students from **Arts and Social Sciences & Commerce and Management** other than M.Com and M.Com (Computer Applications) admitted from the academic year 2020-2021 & onwards as given in Annexure 28.3 were approved**.**

   d. The revised code number of Multidisciplinary Courses **20MCOM01 - E-Commerce** and **20MCOM02 Micro and Small Enterprises** during 3rd semester applicable for all Postgraduate students except M.Com and M.Com (Computer Applications) admitted from the academic year 2020-2021 & onwards as given in Annexure 28.4 were approved.

   e. The revised code number of Professional Certification Courses **20MCOPC1 - Certificate Course on Securities Market** and **20MCOPC2 - Digital Marketing** applicable for Post graduate students from the academic year 2020-2021 & onwards as given in Annexure 28.5 were approved.

   f. i) The following Specialization papers applicable for Ph.D. scholars admitted in July 2019 as given in Annexure 28.6 were ratified:

   > **19PHCO03A – Financial Management** (Full time & Part time)
   > **19PHCO03B – Marketing Management** (Part time)
   > **19PHCO03C – Banking Services** (Part time) and
   > **19PHCO03D – Entrepreneurship Development** (Full time)**.**

ii) The Specialization paper **19PHCO03E – Geographical Indication and Marketing Management** applicable for Ph.D. Full time scholar admitted in January 2020 as given in Annexure 28.6 was ratified.

iii) The following Specialization papers applicable for M.Phil. scholars admitted in July 2019 as given in Annexure 28.7 were ratified:

> **19MPCO03A – Marketing Management** and
> **19MPCO03B – Banking Services.**

Sri CA.K. Jalapathi, Chartered Accountant, informed that the Commerce being a highly demandable course, have to give more practical exposure to the students; in addition with the theoretical knowledge, industrial expectations also have to be considered and students must have basic knowledge on tally, GST, MS Word and Excel to fulfil the industrial expectations and thereby getting their employment.

Dr.E.Ramganesh, Bharathidasan University also suggested to bridge the gap between the education offered and industrial expectations by all the departments.

Dr.D.Geetha, the Chairperson of Commerce informed that the Commerce department had already included Tally, GST, MS Word and Excel in the Undergraduate and Postgraduate syllabi; on the job training programme and internship included in UG & PG curriculum would make the students industry oriented and for B.Com (CA), B.Com (PA) and PG, real-time research projects were included as a part of curriculum.

Dr. N. Krishnaveni, Professor & HOD, Department of Zoology seconded the motion.

The motion was passed unanimously.

29. The Board of Studies in **Business Administration** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Business Administration **Dr.(Mrs.) A.Pankajam** moved the same:

a. The revised Schemes of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.B.A.** and **M.B.A. IT** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexures 29.1 and 29.2 were approved.

b. The revised Syllabi of **M.B.A.** and **M.B.A. IT** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexures 29.1 and 29.2 were approved.

c. The revised code number of the following Interdisciplinary Courses during 2nd semester applicable for students from **Arts and Social Sciences & Commerce and Management** other than M.B.A. and M.B.A. IT admitted from the academic year 2020-2021 & onwards as given in Annexure 29.3 were approved:

20MBAI01 – Marketing
20MBAI02 – Creativity in Advertising
20MBAI03 – Enterprise Resource Planning and
20MBAI04 – Retail Management

d. The revised code number of the following Multidisciplinary Courses during 3rd semester applicable for all Postgraduate students except M.B.A. and M.B.A. IT admitted from the academic year 2020-2021 & onwards as given in Annexure 29.4 were approved:

20MBAM01 – Total Quality Management
20MBAM02 – Finance for Non- finance Executives and
20MBAM03 – Social Entrepreneurship

e. i) The following Specialization papers applicable for Ph.D. scholars admitted in July 2019 as given in Annexure 29.5 were ratified:

19PHBA03A – Entrepreneurship Development (Full time)
19PHBA03B – Corporate Governance & Organization Citizenship Behaviour
   (Part time) and
19PHBA03C – HR Audit (Part time).

ii) The following Specialization papers applicable for Ph.D. scholars admitted in January 2020 as given in Annexure 29.5 were ratified:

19PHBA03D- Human Resource Management and Information Technology
   (Full time)
19PHBA03E – Trends in Human Resources (Full time)
19PHBA03F – Employee Engagement (Part time)
19PHBA03G – Service Quality in Insurance Industry (Part time)
19PHBA03H – Employee Retention (Part time)
19PHBA03I – Entrepreneurial Finance (Part time)
19PHBA03J – Behavioural Finance and Neuroeconomics (Part time) and
19PHBA03K – Training and Development (Part time).

Dr.E.Ramganesh, Bharathidasan University asked to include the aspect on Economic Value Addition in the curriculum.

Dr.A.Pankajam, Associate Professor and HoD informed that the aspect was already included under the Financial Management.

Dr.A.Vijayalakshmi, Dean and Professor, School of Biosciences seconded the motion.

The motion was passed unanimously.

30. The Board of Studies in **Tourism Management** at its meeting held through online recommended the following and the Chairperson (i/c) of the Board of Studies in Tourism Management **Dr. (Mrs.) V.T.Bindu** moved the same:

   a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **MBA Tourism and Travel Management** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020- 2021 & onwards as given in Annexure 30.1 was approved.

   b. The revised Syllabi of **MBA Tourism and Travel Management** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020- 2021 & onwards as given in Annexure 30.1 was approved.

   c. The revised contents of Interdisciplinary Course **20MTAI01- Travel Planning and Management** during 2nd semester applicable for students from **Arts and Social Sciences & Commerce and Management** other than MBA Tourism and Travel Management admitted from the academic year 2020-2021 & onwards as given in Annexure 30.2 was approved.

   d. The revised contents of Multidisciplinary Course **20MTAM01- Cultural Heritage of India** during 3rd semester applicable for all Postgraduate students except MBA Tourism and Travel Management admitted from the academic year 2020-2021 & onwards as given in Annexure 30.3 was approved.

   e. The revised contents of Professional Certification Courses **20MTAPC1- CRS – Amadeus** and **20MTAPC2 - IATA / UFTAA Foundation level** applicable for Postgraduate students from the academic year 2020-2021 & onwards as given in Annexure 30.4 were approved.

   Mr.K.N.Visveswaran asked to carry out researches on Type of tourism promotion in the next three years and Innovative ideas for temple tourism with minimal human contact.

   Dr.E.Ramganesh, Bharathidasan University suggested to conduct competitions like short film making on Indian Culture among youngsters at the National level.

   Dr.V.T.Bindu, Chairperson explained about the Ph.D. research work on Disaster Management in Tourism and the activities and competitions conducted and participated by the Tourism department at various levels.

   Mr.K.N.Visveswaran suggested to start a channel to update the programmes conducted by the Institution.

   Dr.G.Jeevaratnam, Assistant Professor (SG), Department of French seconded the motion.

   The motion was passed unanimously.

31. The Board of Studies in **Education** at its meeting held through online recommended the following and the Chairperson (i/c) of the Board of Studies in Education **Mrs.S.S.Manimozhi** moved the same:

   a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **Master of Education (M.Ed.)** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 31.1 was approved.

   b. The revised Syllabi of **Master of Education (M.Ed.)** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 31.1 was approved.

   c. The following revisions applicable for M.Ed students admitted during 2018-2019 & 2019-2020 as given in Annexure 31.2 were ratified:

      i. Inclusion of **18MEDN04 – Field Engagement and Practical Activities** with 2 credits.
      ii. Change of credits for **Thesis** from 5 to **6** and **Internship** from 5 to **2** during 4th Semester.

   d. i) The following Specialization papers applicable for Ph.D. Part time scholars admitted in July 2019 as given in Annexure 31.3 were ratified:

   19PHED03A – Emerging Trends in Educational Philosophy
   19PHED03B – Digital Intelligence and Mental Health
   19PHED03C – Professional Commitment and Well-being and
   19PHED03D – **Artificial Intelligence and Professional Competence of Teachers**.

   ii) The following Specialization papers applicable for Ph.D. Part time scholars admitted in January 2020 as given in Annexure 31.3 were ratified:

   19PHED03E – Physics Competence for Competitive Exams and
   19PHED03F – ICT in Education.

Dr.E.Ramganesh, Bharathidasan University suggested to concentrate more on online education; enrich the curriculum of ICT including online education, augmented reality, virtual reality, immersive technologies and IoT; introduce sixth sense technology and refer Centre for Curriculum Designs while modifying the curriculum.

The Chairperson of the Board of Studies in Education Mrs.S.S.Manimozhi, accepted the suggestions.

Dr. S. Gayatridevi, Associate Professor and HOD, Department of Psychology seconded the motion.

The motion was passed unanimously.

32. The Board of Studies in **Special Education** at its meeting held through online recommended the following and **Dr. (Mrs.) T.Geetha,** Dean**,** School of Education moved the same:

a. The revised Scheme of Instruction and Examination and inclusion of Programme Specific Outcomes for **M.Ed. Special Education (Visual Impairment and Hearing Impairment)** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum for students admitted from the academic year 2020-2021 & onwards as given in Annexure 32.1 was approved.

b. The revised Syllabi of **M.Ed. Special Education (Visual Impairment and Hearing Impairment)** with the inclusion of Objectives and Course Outcomes applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 32.1 was approved.

c. The revised Scheme of Instruction & Examination and the following revisions applicable for **M.Ed. Special Education (Visual Impairment and Hearing Impairment)** students admitted during the academic year 2019-2020 as given in Annexure 32.2 were ratified:

   i) Change in the hours of instruction for **Interdisciplinary course** as **4+1** instead of   4 hours of theory.

   ii) Due to typographical error, change in the Paper code of **Thesis as 19MDSC12** instead of **19MDSC15** and for **Adult Education as 19MDXAE1** instead of **17MDXAE1**

   iii) Change in the credit of **19MDSE1A/19MDSE1B – Educational Technology / Educational Management** as **3** instead of 4.

d. i) The Specialization paper **19PHSE03A – ICT and Inclusive Education** applicable for Ph.D. Part time scholar admitted in July, 2019 as given in Annexure 32.3 was ratified.

   ii) The Specialization paper **19PHSE03B – Assistive Technology for Persons with Hearing   Impairment** applicable for Ph.D. Part time scholar admitted in January, 2020 as given in Annexure 32.3 was ratified.

e. Due to typographical error, change in the Paper code of Generic Elective course as **18BDSO01 – Family, Community and Children with Disabilities** offered during 3rd semester applicable for B.Ed. and B.P.Ed. Students from the academic year 2018-2019 & onwards as given in Annexure 32.4 was ratified.

Dr.T.Geetha, Dean, School of Education explained the inclusion of music intervention as a therapy in the syllabus of Special Education.

Dr. N.Vasuki, Professor, Department of Education seconded the motion.

The motion was passed unanimously.

33. The Board of Studies in **Physical Education** at its meeting held through online recommended the following and the Chairperson (i/c) of the Board of Studies in Physical Education **Dr.(Mrs.) R. Saravana Prabha** moved the same:

    a.   The following corrections applicable for **B.P.Ed** students admitted from the academic year 2018-19 & onwards as given in Annexure 33.1 were ratified:

        i.   Replacing the term IAAF as World Athletics in the following papers:
           18BPDC04 - Track and Field (Running Events)
           18BPDC11 - Track and Field (Jumping Events) and Project Meet
           18BPDC20 - Track and Field (Throwing Events) and
           18BPDC28 - Track and Field Events (Combined Events, Cross Country,
                       Marathon and Road Races).

        ii.   Correcting the typographical errors in Unit I and II of **18BPDE3A - Sports Medicine, Physiotherapy and Rehabilitation.**

        iii.   The revised contents and title of the Discipline Specific Elective 1, 18BPDE1B Health Education & Environmental Studies as **18BPDE1B - Health Education, Safety Education and First aid.**

    b.   The following corrections applicable for **B.Sc. Physical Education** students admitted from the academic year 2018-2019 & onwards as given in Annexure 33.2 were ratified:

        i)   Replacing the term IAAF as **World Athletics** in **18BPEC09 - Theory of Games and Sports - III (Track & Field and Football).**

        ii)   Correcting the typographical errors in Unit I and III of **18BPEC27 - Sports Injuries and Physiotherapy**.

    c.   i) The Specialization paper **19PHPE03A – Sports Training** applicable for Ph.D. Part time scholars admitted in July 2019 and January 2020 as given in Annexure 33.3 was ratified.

        ii) The Specialization paper **19PHPE03B – Yoga and Health** applicable for Ph.D. Part time scholar admitted in July, 2019 as given in Annexure 33.3 was ratified.

    d.   Introduction of **Certification Course** in **Applied Ayurveda in Sports** for Physical Education and Sports students **as an optional** from the academic year 2020-2021 & onwards as given in Annexure 33.4 was approved.

        Dr. G. Victoria Naomi, Professor and HOD, Department of Special Education seconded the motion.

        The motion was passed unanimously.

34. The Board of Studies in **B.Voc. Food Processing and Engineering** and **B.Voc. Medical Equipment Technology** at its meeting held through online recommended the following and the Chairperson of the Board of Studies in Biomedical Instrumentation Engineering **Dr. (Mrs.) Judith Justin** moved the same:

    a. The revised Schemes of Instruction and Examination and the Syllabi with the revised Objectives and Course Outcomes applicable for **B.Voc. Medical Equipment Technology** and **B.Voc. Food Processing and Engineering** students admitted from the academic year 2020-2021 & onwards as given in Annexures 34.1 & 34.2 were approved.

    Mrs.S.S.Manimozhi, Assistant Professor (SG) and HOD (i/c), Department of Education seconded the motion.

    The motion was passed unanimously.

35. The Board of Studies in **Biomedical Instrumentation Engineering** at its online meeting held on **21.07.2020** recommended the following and the Chairperson of the Board of studies in Biomedical Instrumentation Engineering **Dr.(Mrs.) Judith Justin** moved the same:

    a. i) The revised Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **B.E. Biomedical Instrumentation Engineering** students admitted from the academic year 2020-2021 & onwards as given in Annexure 35.1 were approved.

      ii) The revised Syllabi with the inclusion of Vision and Mission statements, Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **B.E. Biomedical Instrumentation Engineering** students admitted in the academic year 2018-2019 as given in Annexure 35.2 was approved.

      iii) The revised Syllabi of the following courses from 5th to 7th semester to include topics as in GATE Biomedical syllabus applicable for **B.E. Biomedical Instrumentation Engineering** students admitted in the academic year 2018-2019 as given in Annexure 35.3 was approved:

        18BEBE03 - **Biomaterials**
        18BEBE04 - **Biomechanics** and
        18BEBE05 - **Medical Imaging Techniques**

iv) The revised Scheme of Instruction and Examination and the Syllabi for the following courses to include topics as in GATE Biomedical syllabus applicable for **B.E. Biomedical Instrumentation Engineering** students admitted in the academic year 2019-2020 as given in Annexure 35.4 were approved:

18BEBC01	-	**Human Anatomy and Physiology**
18BEBC02	-	**Biomedical Sensors and Measurement Devices** and
18BEBC07	-	**Analog and Digital ICs**

v) Offering the following courses for Under Graduate Engineering students admitted from the academic year 2020-2021 and onwards as given in Annexure 35.5 were approved:

Value Added Course	**20BEBV01**	-	**Biomedical Instrumentation**
Open Courses	**20BEBO01**	-	**Bioethics**
	20BEBO02	-	**Diagnostic Instrumentation**
	20BEBO03	-	**Internet of Things for Personal Healthcare** and
	20BEBO04	-	**Telehealth Technology.**

b i) The revised Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **M.E. Medical Electronics** students admitted from the academic year 2020-2021 & onwards as given in Annexure 35.6 were approved.

ii) Offering the following courses for **Post Graduate Engineering** students admitted from the academic year 2020-2021 & onwards as given in Annexure 35.7 were approved:

Professional Certification Course	**20MEMP01 -**	**Certified Lab VIEW Associate Developer (CLAD)**
Audit Courses	**20MEMA11 -**	**English for Research Paper Writing**
	20MEMA12 -	**Disaster Management**
	20MEMA13 -	**Research and Publication Ethics**
	20MEMA21 -	**Pedagogy Studies** and
	20MEMA22 -	**Value Education.**
Open Elective	**20MEBO01 -**	**Quality Assurance and Safety in Hospitals.**

c. The following Specialisation papers applicable for Ph.D. Part time scholars in **Biomedical Instrumentation Engineering** admitted in January 2020 as given in Annexure 35.8 were ratified:

19PHBME3A	-	**Soft Computing** and
19PHBME3B	-	**Speech Signal Processing**.

Dr. R.Rajalakshmi, Professor, Department of Chemistry seconded the motion.

The motion was passed unanimously.

36. The Board of Studies in **Civil Engineering** at its meeting held on 22.07.2020 through online recommended the following and the Chairperson of the Board of Studies in Civil Engineering **Dr. (Mrs.) R.Nithya** moved the same:

a. The revised Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping for courses in **B.E. Civil Engineering** applicable for students admitted in the academic year 2018-2019 (from 5th to 8th semester) and 2019-2020 (from 3rd to 8th semester) as given in Annexure 36.1 were approved.

b. The revised Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **B.E. Civil Engineering** students admitted from the academic year 2020-2021 and onwards as given in Annexure 36.2 were approved.

c. Offering **20BEES02 Engineering Graphics** and **20BEES05 Workshop Practicals** applicable for B.E students admitted from the academic year 2020-2021 & onwards as given in Annexure 36.3 was approved.

d. Offering the following courses for Under Graduate Engineering students admitted from the academic year 2020-2021 & onwards as given in Annexure 36.4 were approved:

Value Added Course	**20BEVV01**	-	**Real Estate Practices**
Open Elective Courses	**20BEVO01**	-	**Vaastu Shastra and Remedial Vaastu**
	20BEVO02	-	**Basics of Interior Design**
	20BEVO03	-	**Green Building Concepts** and
	20BEVO04	-	**Fire Safety and Remedial Measures.**

e. The revised Course Learning Objectives, Course Outcomes and CO-PO mapping for the course **18BEPS01 Strength of Materials** offered by the **Department of Civil Engineering** during 3rd semester to the **Department of Printing Technology** students admitted in the academic year 2019-2020 as given in Annexure 36.5 were approved.

f. The corrected Scheme of Instruction and Examination due to typographical error - Professional Elective/Open Elective corrected as **Open Elective** during 7th semester for **B.E Civil Engineering** students admitted during 2017-2018 as given in Annexure 36.6 was approved.

Mr.K.N.Visveswaran, Chief Mentor, Hexavarsity, suggested to do a project on Construction materials suitable for Pandemic situation especially on opening the doors without touching; as automated doors are costly, construction of disposable door knobs or door openers and recycling of the materials after sanitizing.

Dr.R.Nithya, Associate Professor and HoD accepted the suggestions.

Dr.G.Padmavathi, Professor, Department of Computer Science seconded the motion.

The motion was passed unanimously.

37. The Board of Studies in **Computer Science and Engineering** at its meeting held on **23.7.2020** through online recommended the following and the Chairperson of the Board of Studies in Computer Science and Engineering **Dr.(Mrs.) S. Sivakumari** moved the same:

   a. i. Introduction of **B.E Artificial Intelligence and Data Science** programme from the academic year 2020-2021 and onwards was approved.

   ii. Introduction of Scheme of Instruction & Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **B.E Artificial Intelligence and Data Science** students admitted from the academic year 2020-2021 & onwards as given in Annexure 37.1 were approved.

   b. The revised Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **B.E Computer Science and Engineering** students admitted from the academic year 2020-2021 & onwards as given in Annexure 37.2 were approved.

   c. Introduction of **20BEES04 Programming for Problem Solving using C and Python** and **20BEES06 Programming for Problem Solving using C and Python Practicals** with the inclusion of Objectives, Course Outcomes and CO-PO mapping in the syllabus applicable for **B.E students** admitted from the academic year 2020- 2021 & onwards as given in Annexure 37.3 were approved.

   d. The revised Objectives and Course Outcomes with the inclusion of CO-PO mapping in the syllabi for the courses offered by **Computer Science and Engineering Department** to other Engineering major students admitted from the academic year 2020-2021 & onwards as given in Annexure 37.4 were approved:

Course Code	Title of the Course	For the major students
20BEBE21	**Object Oriented Programming with C++**	BMIE
20BEBE32	**Internet Technology**	BMIE
20BELSO1	**C++ and Data Structures**	ECE

   e. The revised Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes with the inclusion of CO-PO mapping in the syllabi applicable for **B.E Computer Science and Engineering** students admitted in the academic years 2018 - 2019 and 2019 - 2020 as given in Annexure 37.5 were approved.

f. The revised Objectives, Course Outcomes with the inclusion of CO-PO mapping in the syllabi for the courses offered by **Computer Science and Engineering Department** to other Engineering major students admitted in the academic years 2018-2019 and 2019-2020 as given in Annexure 37.6 were approved:

Course Code	Title of the Course	For the major students
18BEBE32	**Internet Technology**	BMIE
18BEBE21	**Object Oriented Programming with C++**	BMIE
18BELS01	**C++ and Data Structures**	ECE
18BELE25	**Internet and Java**	ECE
18BELE28	**Data Mining**	ECE
18BEBE32	**Cloud Computing**	ECE
18BELE33	**High Speed Networks**	ECE

g. The revised Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **M.E. Computer Science and Engineering** students admitted from the academic year 2020-2021 & onwards as given in Annexure 37.7 were approved.

h. The revised Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives and Course Outcomes with the inclusion of CO-PO mapping in the syllabi applicable for **M.E. Computer Science and Engineering** students admitted in the academic year 2019-2020 as given in Annexure 37.8 were approved.

i. i. The following Specialisation papers applicable for Ph.D. scholars in **Computer Science and Engineering** admitted in July, 2019 as given in Annexure 37.9 were ratified:

> **19PHCSE3A - Pattern Recognition** (Full time)
> **19PHCSE3B - Spatial and Temporal Networks** (Full time)
> **19PHCSE3C - Wireless and Mobile Networks** (Full time)
> **19PHCSE3D - Block Chain Technology** (Part time) and
> **19PHCSE3E - Soft Computing** (Part time).

ii. The following Specialisation papers applicable for Ph.D. Part time scholars in **Computer Science and Engineering** admitted in January, 2020 as given in Annexure 37.9 were ratified:

> **19PHCSE3F- Telecommunication Industry Analysis using Data Mining Approaches** and
> **19PHCSE3G - Deep Learning Techniques**.

j. Offering the following courses, applicable for B.E. students admitted from the academic year 2020-2021 & onwards as given in Annexure 37.10 were approved:

   i) Value Added Course **20BEOV01** - **Computer Animation** and
   20BEOV02 - **Social Media Marketing**

ii) Open Electives   **20BEOO01** - **Green and Orange Computing**
                             20BEOO02 - **E-Technologies**
                             20BEOO03 - **Cyber Laws** and
                             20BEOO04 - **Web Designing.**

Mr.K.N.Visveswaran, suggested to develop softwares for remote control exams to suit to the Pandemic situation.

Dr.S.Sivakumari, Professor and HoD, Department of Computer Science Engineering accepted the suggestion given by Mr.K.N.Visveswaran.

Dr. J. Shanthi, Professor, Department of Physics seconded the motion.

The motion was passed unanimously.

38. The Board of Studies in **Electronics and Communication Engineering** at its online meeting held on **23.07.2020** recommended the following and the Chairperson of the Board of studies in Electronics and Communication Engineering **Dr. (Mrs.) B. Sargunam** moved the same:

a. i.   Introduction of **Integrated M.E. Internet of Things** Programme from the academic year 2020-2021 & onwards was approved.

   ii. Introduction of the Conceptual Framework of Curriculum, Scheme of Instruction and Examination and the syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping for the **Integrated M.E. Internet of Things** Programme applicable for the students admitted from the academic year 2020 - 2021 & onwards as given in Annexure 38.1 were approved.

b. The revised Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **M.E.VLSI Design** students admitted from the academic year 2020-2021& onwards as given in Annexure 38.2 were approved.

c. Offering the following courses for Post Graduate Engineering students admitted from the academic year 2020-2021 & onwards as given in Annexure 38.3 were approved:

   Professional Certification   **20MEVP01**   -   **Advanced Embedded System**
   Course   **Design with Industrial IoT**

Audit Courses	20MEMA11	-	English for Research Paper Writing
	20MEMA12	-	Disaster Management
	20MEMA13	-	Research and Publication Ethics
	20MEMA21	-	Pedagogy Studies and
	20MEMA22	-	Value Education
Open Elective	20MELO01	-	Waste to Energy.

d. The Specialization papers applicable for Ph.D. Part time scholars in **Electronics Communication Engineering** admitted in July, 2019 and January, 2020 as given in Annexure 38.4 were ratified:

> **19PHELE3A - Advanced Colour Image Processing Techniques**
> **19PHELE3B - Wireless Sensor Networks, IoT and Deep Learning**
> **19PHELE3C- Medical Image Processing** and
> **19PHELE3D- Wireless Sensor Networks and Communication Techniques.**

e. The revised Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **B.E. Electronics and Communication Engineering** students admitted from the academic year 2020-2021 & onwards as given in Annexure 38.5 were approved.

f. i) The revised Course Learning Objectives, Course Outcomes and CO-PO mapping of all the subjects from 3rd to 8th semester, Professional Electives and Open Electives, inclusion of pre-requisite for all the Professional Electives and change of domain names for Professional Electives 1 & 2 and the Syllabi of the following courses from 5th to 7th semester applicable for **B.E. Electronics and Communication Engineering** students admitted in the academic year 2018-2019 as given in Annexure 38.6 were approved:

> **18BELC16- Embedded Systems**
> **18BELC19-VLSI Design**
> **18BELC20 -Microwave and Fiber Optics**
> **18BELC21-Antennas and Wave propagation**
> **18BELC25-Mobile Communication** and
> **18BEHS11- Principles of Management and Economics.**

ii) The revised Course Learning Objectives, Course Outcomes and CO-PO mapping of all   the subjects from 3rd to 8th semester, Professional Electives and Open Electives, inclusion of pre-requisite for all the Professional Electives and change of domain names for Professional Electives 1 & 2 and the Syllabi of the following courses from 3rd to 7thsemester applicable for **B.E. Electronics and Communication Engineering** students admitted in the academic year 2019-2020 as given in Annexure 38.7 were approved:

18BELC01-Electron Devices
18BELC04 -Networks and Transmission Lines
18BELC16- Embedded Systems
18BELC19-VLSI Design
18BELC20 -Microwave and Fiber Optics
18BELC21-Antennas and Wave propagation
18BELC25-Mobile Communication and
18BEHS11- Principles of Management and Economics.

g. Offering the following courses for Under Graduate Engineering students admitted from the academic year 2020-2021 & onwards as given in Annexure 38.8 were approved:

Value Added Course	**20BELV01 -**	**Embedded System for Beginners**
Open Electives	**20BELO01 -**	**Concepts and Servicing of Home Appliances**
	20BELO02 -	**Programming with Arduino**
	20BELO03 -	**Programming with Raspberry Pi** and
	20BELO04 -	**Consumer Electronics.**

h. i). The revised Course Learning Objectives, Course Outcomes and CO-PO mapping of the courses from 3rd to 8th Semester offered to other Undergraduate Engineering students admitted during the academic year 2018-2019 (during 5th to 8th Semester) and 2019-2020 (during 3rd to 8th Semester) as given in Annexure 38.9 were approved:

Semester	Subject code	Title of the paper	For the major students
III	18BEOS01	Analog Electronic Circuits	**CSE**
PE1	18BEOE04	Digital Signal Processing	**CSE**
III	18BEBS01	Electron Devices and Circuits	**BMIE**
III	18BEBS02	Devices and Circuits Practicals	**BMIE**
III	18BEBS03	Analog and Digital Communication	**BMIE**
IV	18BEBC06	Signals and Systems	**BMIE**
IV	18BEBC07	Analog and Digital ICs	**BMIE**
IV	18BEBC08	Integrated Circuits Practicals	**BMIE**
V	18BEBC13	Microprocessor and Microcontrollers	**BMIE**

V	18BEBC14	Microprocessor and Microcontroller Practicals	**BMIE**
VI	18BEBC18	Control Systems	**BMIE**
PE II	18BEBE24	Embedded Systems	**BMIE**
PE II	18BEBE29	VLSI Design	**BMIE**
III	18BEPS02	Electrical Technology	**PT**
III	18BEPS03	Electrical Engineering Practicals	**PT**
IV	18BEPS05	Basic Electronics for Printers	**PT**

ii. The revised syllabus content of **18BEBC07 - Analog and Digital ICs** during 4th semester for B.E. BMIE students admitted in 2019-2020 as given in Annexure 38.9 was approved

i. i. The revised Syllabi of the following courses with the inclusion of Course Learning Objectives, Course Outcomes and CO-PO mapping offered by the **Department of Electronics and Communication Engineering** to other Engineering major students admitted from the academic year 2020-2021 & onwards as given in Annexure 38.10 were approved:

Semester	**Subject code**	**Title of the paper**	**For the Department**
III	20BEBS01	Electron Devices and Circuits	**BMIE**
III	20BEBS02	Devices and Circuits Practicals	**BMIE**
IV	20BEBC06	Signals and Systems	**BMIE**
IV	20BEBC07	Analog and Digital ICs	**BMIE**
IV	20BEBC08	Integrated Circuits Practicals	**BMIE**
V	20BEBC09	Analog and Digital Communication	**BMIE**
V	20BEBC13	Microprocessor and Microcontrollers	**BMIE**
V	20BEBC14	Microprocessor and Microcontroller Practicals	**BMIE**
VI	20BEBC18	Control Systems	**BMIE**
PE II	20BEBE24	Embedded Systems	**BMIE**
PE II	20BEBE29	VLSI Design	**BMIE**
III	20BEPS02	Electrical Technology	**PT**
III	20BEPS03	Electrical Engineering Practicals	**PT**
IV	20BEPS05	Basic Electronics for Printers	**PT**

ii. Introduction of Syllabus of **20BEOS02 Analog and Digital Electronics** for B.E. Computer Science and Engineering students admitted from the academic year 2020-2021 & onwards as given in Annexure 38.10 was approved.

iii. The revised Syllabi of **20BEES01 Basic Electrical Engineering** and **20BEES03 Basic Electrical Engineering Practicals** applicable for all branches of **I year B.E. and Integrated M.E. Internet of Things** students admitted from the academic year 2020 - 2021 & onwards as given in Annexure 38.11 were approved.

Dr.E.Ramganesh, Bharathidasan University suggested to establish more start ups to address the economy of the country; collaborate with high profile institutions for creating more prototypes and patents; produce atleast one entrepreneur every year and introduce more core choices in the curriculum based on the needs of the society.

Dr.S.Maragatham, Dean, School of Engineering explained on the entrepreneurial activities and start ups carried out by the AICTE Sponsored Entrepreneurship Development Cell in the Institute.

Dr. Sherly Thomas, Professor, Department of Economics seconded the motion.

The motion was passed unanimously.

39. The Board of Studies in **Food Processing and Preservation Technology** at its meeting held on 22.7.2020 through online recommended the following and the Chairperson of the Board of Studies in Food Processing and Preservation Technology **Dr. (Mrs.) A. Lovelin Jerald** moved the same:

a. The revised Scheme of Instruction & Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **M.E. Food Technology** students admitted from the academic year 2020-2021 & onwards as given in Annexure 39.1 were approved.

b. The revised Course Learning Objectives, Course Outcomes and CO-PO mapping and Professional Electives applicable for **BE Food Processing and Preservation Technology** students admitted in the academic year 2018-2019 and 2019-2020 as given in Annexure 39.2 were approved.

c. The revised Scheme of Instruction & Examination and the Syllabi with the inclusion of Programme Specific Outcomes, Programme Educational Objectives, Course Learning Objectives, Course Outcomes and CO-PO mapping applicable for **B.E. Food Processing and Preservation Technology** students admitted from the academic year 2020-2021 & onwards as given in Annexure 39.3 were approved.

d. The revised Course Outcomes and CO-PO mapping for the course **18BEPS04 - Fundamentals of Printing Machine Elements** offered to Printing Technology students admitted from the academic year 2018-2019 as given in Annexure 39.4 were approved.

e. The Specialization paper **19PHFTE3A** - **Sensors and its Application in Food Processing** applicable for Ph.D. scholar admitted in July 2019 as given in Annexure 39.5 was ratified.

f. Offering the following courses for Undergraduate Engineering students admitted from the academic year 2020-2021 & onwards as given in Annexure 39.6 were approved:

Value Added Course	**20BEFV01-**	**Instant Foods**
Open Electives	**20BEFO01 -**	**Fundamentals of Food Process Engineering**
	20BEFO02 -	**Composition and Quality of Foods**
	20BEFO03 -	**Fundamentals of Food Preservation Technology** and
	20BEFO04 -	**Food Science and Nutrition.**

Dr. V.T. Bindu, Assistant Professor (SS) and HOD i/c, Department of Tourism Management seconded the motion.

The motion was passed unanimously.

40. The Board of Studies in **Printing Technology** at its meeting held on 16.07.2020 through online recommended the following and the Chairperson of the Board of Studies in Printing Technology **Dr. (Mrs.) T.K.S. Lakshmi Priya** moved the same:

a. The revised Scheme of Instruction and Examination and the inclusion of Programme Specific Outcomes and Programme Educational Objectives for **B.E. Printing Technology** based on the re-structured Choice Based Credit System Conceptual framework of Curriculum applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 40.1 was approved.

b. The revised Syllabi of **B.E. Printing Technology** with the inclusion of Course Learning Objectives , Course Outcomes and CO-PO mapping applicable for students admitted from the academic year 2020-2021 & onwards as given in Annexure 40.1 was approved.

c. Offering the following courses applicable for Under Graduate Engineering students admitted from the academic year 2020-2021 & onwards as given in Annexure 40.2 were approved:

Value Added Course	**20BEPV01**	**Screen Printing**
Open Electives	**20BEPO01**	**Multimedia Development**
	20BEPO02	**Augmented Reality Concepts**
	20BEPO03	**3D Printing Methods** and
	20BEPO04	**Cross Media Publishing Techniques.**

d. The revised Course Outcomes and CO-PO mapping of **B.E. Printing Technology** Syllabi applicable for the students admitted in the academic year 2018-2019 and 2019-2020 as given in Annexure 40.3 were approved.

Dr. K. Sivakamasundari, Professor, Department of Mathematics seconded the motion.

The motion was passed unanimously.

41. The Board of Studies in **Science and Humanities** at its meeting held on **24.07.2020** through online recommended the following and the Chairperson of the Board of Studies in Science and Humanities **Dr.(Mrs)S.Malarvizhi** moved the same:

a. Introduction of Scheme of Instruction and Examination and the Syllabi for the following courses applicable for the students admitted from the academic year 2020-2021 & onwards as given in Annexure 41.1 were approved:

- **B.E Artificial Intelligence and Data Science** and
- **Integrated M.E Internet of Things**

b. The revised Scheme of Instruction and Examination and the Syllabi of all I B.E courses applicable for students admitted from the academic year 2020 -2021 and onwards as given in Annexure 41.1 were approved.

c. The revised contents of **18BEHS04 Effective Technical Communication** offered during 3rd Semester applicable for students of **BE Civil Engineering** admitted in the academic year 2019-2020 and onwards as given in Annexure 41.2 was approved.

d. The revised Course Outcomes of **Mathematics courses** of all branches of Engineering offered during 3rd & 4th Semesters applicable for students admitted during 2018-2019 and 2019-2020 as given in Annexure 41.3 were approved.

e. (i) The revised **contents** of the following **Mathematics courses** applicable for BE students admitted from the academic year 2020-2021 and onwards as given in Annexure 41.4 were approved:

Semester	Course Code	Course Title	Department
III	**20BESM07**	**Probability and Statistics**	**Computer Science and Engineering**
IV	**20BESM12**	**Biostatistics**	**Food Processing and Preservation Technology**
IV	**20BESM09**	**Probability and Random Processes**	**Biomedical Instrumentation Engineering**

(ii) The revised **title and contents** of the following courses applicable for BE students admitted from the academic year 2020-2021 and onwards as given in Annexure 41.4 were approved:

Semester	Course Code	Course Title	Department
III	**20BESM03**	**Transforms, Partial Differential Equations and Applications for Biomedical Engineering**	**Biomedical Instrumentation Engineering**

III	20BESM04	**Transforms, Partial Differential Equations and Applications for Civil Engineering**	**Civil Engineering**
III	20BESM05	**Transforms, Partial Differential Equations and Applications for Electronics Engineering**	**Electronics and Communication Engineering**
IV	20BESM10	**Discrete Mathematics and Linear Algebra**	**Computer Science and Engineering**
IV	20BESM11	**Probability and Stochastic Processes**	**Electronics and Communication Engineering**

   f. The revised Course Outcomes of **Mathematics courses** offered during 1st Semester for **ME students** admitted during the academic year 2019-2020 as given in Annexure 41.5 were ratified.

   g. (i) The revised Course Outcomes of **Mathematics courses** offered during 1st semester for **M.E** students admitted from the academic year 2020-2021 & onwards as given in Annexure 41.6 were approved.

      (ii) The revised contents of **Mathematics course 20MEFC01 Operations Research** offered during 1st semester applicable for **ME Food Technology** students admitted from the academic year 2020-2021 & onwards as given in Annexure 41.6 was approved.

   h. The revised title of **Mathematical Foundation of Computer Science** offered during 1st semester as **20MEOC01 Mathematical Foundations for Computer Science** applicable for ME **Computer Science and Engineering** students admitted from the academic year 2020-2021 & onwards as given in Annexure 41.7 was approved.

      Dr. S. Christina Rebecca, Professor, Department of English seconded the motion.

   The motion was passed unanimously.

42. The Examination Committee Meetings held on 17.10.2019, 04.05.2020, 19.05.2020, 22.06.2020, 25.06.2020, 29.06.2020 and 07.07.2020 recommended the following and the Controller of Examinations(i/c) **Dr.K.Manimozhi** moved the same:

   a. Conduct of End Semester Examinations for the final year students and Intermediate Semester / year students - as per UGC guidelines issued on 29th April 2020, 6th July 2020 and 8th July 2020. (**Annexure 42.1**)

iv. **Mode of Terminal Semester / Final Year Examinations (2019-2020)**

The universities are required to complete the examinations by the end of September 2020 in offline (pen & paper) / online/ blended (online + offline) mode following the prescribed protocols / guidelines related to the COVID-19 pandemic.

ii. **Provision of Examination through Special Chance**

In case a student of the terminal semester/ final year is unable to appear in the examination conducted by the University for whatsoever the reason(s) may be, he/she may be allowed to appear in special examinations for such course(s)/ paper(s), which may be conducted by the University as and when feasible so that the student is not put to any inconvenience/ disadvantage. The above provision shall be applicable only for the current academic session 2019-2020 as a one-time measure.

iii. **The backlog of Papers in respect of Terminal Semester(s)/ Final Year Students**

The students of terminal semester/ final year students having backlog should compulsorily be evaluated by conducting examinations in offline (pen & paper)/ online/ blended (online + offline) mode as per feasibility and suitability.

As per the UGC guidelines, the Institute conducted the examinations for all the UG/PG programmes of passed out and final year students arrear papers and published the results on 28.08.2020 and was ratified by the Academic Council.

b. For intermediate semester/year students, the universities may conduct examinations, after making a comprehensive assessment of their level of preparedness, residential status of the students and status of COVID-19 pandemic spread in different region / state and other factors.

In case the situation does not appear to be normal in view of COVID-19, in order to maintain "social distancing", safety and health of the students, grading of the students could be composite of 50% marks on the basis of the pattern of internal evaluation adopted by the universities and the remaining 50% marks can be awarded on the basis of performance in previous semester only (if available). The internal evaluation can be continuous evaluation, prelims; mid-semester, internal assignments or whatever name is given for student progression.

In the situations where previous semester or previous year marks are not available, particularly in the first year of annual pattern of examinations, 100% evaluation may be done on the basis of internal evaluation.

If the student wishes to improve the grades, he/she may appear in special exams for such subjects during next semester.

As per the above-said guidelines, results were processed and published on 28.08.2020 for all the regular UG and PG programmes. The Academic Council ratified the Examinations held, results passed and published in August 2020.

c. **Submission of M.Phil.and Ph.D. dissertation and conduct of pre synoptic presentation and DC meetings**

As per the UGC guidelines 6 months extension will be allowed from the actual date of submission without any payment of extension fee for 6 months. Conduct of pre synoptic, DC meeting and Ph.D. Viva Voce through online mode with prior permission from the Vice Chancellor, Director (Research and Consultancy), Controller of Examinations and the concerned Deans. Hard copy of the report to be submitted after reopening of the Institute. The programmes are to be recorded and submitted to the Controller of Examinations for further proceedings. The Guidelines for Ph.D. Viva Voce approved by the Research Advisory Committee and the Examination Committee was circulated **(Annexure – 42.2). The Academic Council ratified the same.**

d. **Introduction of common Question paper pattern for CIA and CE for all UG/PG programmes.**

Existing Question paper pattern of CE & CIA

Programmes	CE Question Pattern		Total Marks	CIA Question Pattern		Total Marks
UG / B.Ed	Part A	10 x 1 = 10	100	Part A	5 x 1 = 5	60
	Part B	5 x 6 = 30		Part B	5 x 2 = 10	
				Part C	3 x 5 = 15	
				Part D	2 x 15 = 30	
B.Voc	Part C	5 x 12 = 60		Part A	2 x 1 = 2	50
				Part B	3 x 6 = 18	
				Part C	3 x 10 = 30	
PG / PG Diploma / M.Ed / ME	Part A	10 x ½ = 5	60	Part A	6 x ½ = 3	45
	Part B	5 x 4 = 20		Part B	3 x 4 = 12	
	Part C	5 x 7 = 35		Part C	3 x 10 = 30	
BE	Part A	10 x 2 = 20	100	Part A	2 x 2 = 4	40
	Part B	5 x 16 = 80		Part B	3 x 12 = 36	
M.Phil/Ph.D.	Part A	5 x 20 = 100	100			

Revised Question paper pattern of CE and CIA for all programmes

Programmes	CE Question Pattern	Total Marks	CIA Question Pattern	Total Marks
All Programmes	Part A 10 x 1 = 10 Part B 5 x 6 = 30 **(Internal Choice)** Part C 5 x 12 = 60 **(Internal Choice)**	100	Part A 6 x 1 = 6 Part B 3 x 6 = 18 **(Internal Choice)** Part C 3 x 12 = 36 **(Internal Choice)**	60

The Academic Council approved the common question paper pattern of CE and CIA for all the programmes from the academic year 2020-2021 and onwards.

e. **Conduct of Arrear and Supplementary Examinations**

In order to conduct the Examinations smoothly, the Examination Committee suggested to write Odd semester arrear papers along with Odd semester regular examinations and Even semester arrear papers along with Even semester regular examinations to avoid the setting of extra question papers and conducting long period of examinations.

In case of non-suitability of any paper for these two semesters, that will be considered separately and a Special Summer Supplementary Examination will be conducted after the completion of Even semester regular examination every year, by including all the Even and Odd semester arrear papers for all the years. This will be implemented from the academic year 2020-2021 and onwards.

The Academic Council approved the same.

43**.**   The **list of subject experts, question paper setters and panel of examiners** for all the departments.

The Chairperson of the Academic Council **Dr.(Mrs.) Premavathy Vijayan** moved the list of Subject Experts for Selection Committee, Boards of Studies, Question paper setting, Valuation for Theory and Practical Examination for all the departments and the list as given in Annexure 43.1 was approved.

44. **Increase in the Students Intake Capacity for certain programmes during the academic year 2020-2021**

The Chairperson of the Academic Council **Dr.(Mrs.) Premavathy Vijayan** moved the following:

a) Considering the demand for certain courses, the admission intake capacity increased for the following courses during the current academic year 2020-2021was ratified:

Undergraduate – Aided Programmes – 2020-2021

Sl. No.	Name of the Course	Sanctioned Strength	OC (40.5%)			EWS 10%	OBC 27%	SC 15%	ST 7.5%
			OC	MQ/ Exigencies	CBSE/ Others				
1.	B.A. Tamil	50	20	-	-	5	14	7	4
2.	B.A. Music	20	8	-	-	2	5	3	2
3.	B.A. Economics	50+ 5 Extra	10	5	5	5	14	7	4
4.	B.A. English	40+ 5 Extra	7	5	5	4	10	6	3
5.	B.A. Functional Hindi	20	8	-	-	2	5	3	2
6.	B.A. Sanskrit	20	8	-	-	2	5	3	2
7.	B.Sc. Interior Design and Resource Management	50 + 5 Extra	10	5	5	5	14	7	4
8.	B.Sc. Human Development	40+ 5 Extra	11	-	5	4	11	6	3
9.	B.Sc. Food Service Management and Dietetics	50+ 5 Extra	10	5	5	5	14	7	4
10.	B.Sc. Food Science and Nutrition	50+ 10 Extra	10	5	5	5	14	7	4
11.	B.Sc. Textiles and Apparel Designing	50+ 5 Extra	10	5	5	5	14	7	4
12.	B.Sc. Physics	50+ 5 Extra	10	5	5	5	14	7	4
13.	B.Sc. Mathematics	50+ 10 Extra	10	5	5	5	14	7	4
14.	B.Sc. Chemistry	50+ 5 Extra	10	5	5	5	14	7	4
15.	B.Sc. Zoology	50+ 5 Extra	10	5	5	5	14	7	4

Sl. No	Name of the Course	Sanctioned Strength							
16.	B.Sc. Botany	50+ 5 Extra	10	5	5	5	14	7	4
17.	B.Sc. Computer Science	50+ 10 Extra	10	5	5	5	14	7	4
18.	B.Sc. Psychology	50+ 5 Extra	10	5	5	5	14	7	4
19	B.Sc. Visual Communication	30+ 5 Extra	7	-	5	3	8	5	2
20.	B.Com	50+ 10 Extra	10	5	5	5	14	7	4
21.	B.Com Professional Accounting	50+ 10 Extra	10	5	5	5	14	7	4
22.	B.Sc., Physical Education	30 + 5 Extra	7	-	5	3	8	5	2
23.	B.B.A. Tourism	40 + 5 Extra	11	-	5	4	11	6	3
24.	B.Sc. Biochemistry and Biotechnology	50+ 10 Extra	10	5	5	5	14	7	4
25.	B.Sc. Rural Development and Sociology	40+ 5 Extra	11	-	5	4	11	6	3
26	B.Sc. Special Education and Mathematics	30+ 10 Extra	7	-	5	3	8	5	2
27	B.Voc. Food Processing & Engineering	50	20	-	-	5	14	7	4
28	B.Voc. Medical Equipment Technology	50	20	-	-	5	14	7	4
29	B.Voc. Textile Dyeing and Printing	50	20	-	-	5	14	7	4
30	B.Voc. Artificial Intelligence and Machine Learning	50	20	-	-	5	14	7	4

Undergraduate- Self-financed Programmes- 2020-2021

Sl. No	Name of the Course	Sanctioned Strength	Classification of Category	OC(40.5%)			EWS 10%	OBC 27%	SC 15%	ST 7.5%
				OC	MQ Exigencies	CBSE/ Others				
Campus- I										
1.	B.Sc. Information Technology	50+ 10 Extra	Reserved : 25 MQ : 25	11	- 25	-	2	7	4	1

S.No	Course	Intake	Reservation							
2.	B.Com Computer Applications	50+ 5 Extra	Reserved : 25 MQ : 25	11 -	- 25	- -	2	7	4	1
3	B.Sc. Physician Assistant	40+ 10 Extra	Reserved : 20 MQ : 20	8 -	- 20	- -	2	5	3	2

Campus- II

S.No	Course	Intake	Reservation							
1	B.A. English	60+ 10 Extra	Reserved : 30 MQ : 30	12 -	- 30	- -	3	8	5	2
2	B.Sc. Mathematics	60+ 10 Extra	Reserved : 30 MQ : 30	12 -	- 30	- -	3	8	5	2
3	B.Com.	60+ 10 Extra	Reserved : 30 MQ : 30	12 -	- 30	- -	3	8	5	2
4	B.Com. Professional Accounting	100	Reserved : 50 MQ : 50	20 -	- 50	- -	5	13	8	4
5	B.Com. Computer Applications	50+ 5 Extra	Reserved : 25 MQ : 25	11 -	- 25	- -	2	7	4	1
6	B.Sc. Psychology	50	Reserved : 25 MQ : 25	11 -	- 25	- -	2	7	4	1
7	B.Sc. Computer Science	50	Reserved : 25 MQ : 25	11 -	- 25	- -	2	7	4	1
8	B.C.A.	60	Reserved : 30 MQ : 30	12 -	- 30	- -	3	8	5	2

45. The Research Advisory Committee met on 30.07.2019, 08.11.2019 and 15.09.2020 (RAC 3 by online mode) recommended the following and **Dr.G.P.Jeyanthi**, Director (Research and Consultancy) moved the same:

   a. **M.Phil. and Ph.D. Guideship recommended by RAC**
   i. **M.Phil. and Ph.D. Guideship**

S.No	Name and Designation	Remarks
1	Dr.V.Vimala Assistant Professor (SS) Commerce	Permitted to guide M.Phil. and Ph.D. in Commerce from 2019-2020 and onwards.
2	Dr.V.Mrunalini Assistant Professor (SS) Special Education	Permitted to guide M.Phil. and Ph.D. in Special Education from 2019-2020 and onwards.
3	Dr.M.Geetha Assistant Professor Tamil	Permitted to guide M.Phil. and Ph.D. in Tamil from Jan 2020 and onwards.
4	Dr.K.Vidhyakala Assistant Professor (SS) Commerce	Permitted to guide M.Phil. and Ph.D. in Commerce from 2020-2021 and onwards.
5	Dr.N.Balamani Assistant Professor-(SS) Mathematics	Permitted to guide M.Phil. from 2019-20 and onwards and Ph.D. from 2020-2021 and onwards

| 6 | Dr.P.Sasirekha
Assistant Professor
Commerce | Permitted to guide M.Phil. and Ph.D. in Commerce from Jan 2020 and onwards. |

ii. **Ph.D. Guideship**

S.No	Name and Designation	Remarks
1	Dr.Vasugi Raja Dean - Home Science	Guideship for two Ph.D. scholars in Human Development permitted as a special case due to lack of guides in HD department during 2019-2020. However Dr.K.Arockia Maraichelvi and Dr.D.Ramya Bhaskar are the co-guides for the two candidates.
2	Dr.K.Manimozhi Professor in Resource Management	Permitted to guide Ph.D. in Women Studies from 2019-2020 & onwards
3	Dr.T.Poongodi Assistant Professor SG in Mathematics	Permitted to guide Ph.D. in Mathematics (SF Programme)
4	Dr.M.Kavitha Assistant Professor in Tamil	Permitted to guide Ph.D. in Tamil from 2020-2021 and onwards
5	Dr.S.Sivaranjani Assistant Professor in Computer Science and Engineering	Permitted to guide Ph.D. in CSE from Jan 2020 and onwards.
6	Dr.N.Srimathi Associate Professor in Civil Engineering	Permitted to guide Ph.D. in Civil Engineering from Jan 2020 and onwards.
7	Dr.G.Sudhamathy Assistant Professor in Department of Computer Science	Permitted to guide Ph.D. in Computer Science from Jan 2020 and onwards.
8	Dr.TKS.Lakshmi Priya Professor and Head Department of Printing Technology	Permitted to guide Ph.D. in Printing Technology from 2020-2021 and onwards.
9	Dr.A.Pankajam Associate Professor and Head Department of Business Administration.	Permitted to guide Ph.D. in Women Studies from Jan 2020 and onwards.
10	Dr.P.Nandhini Assistant Director of Physical Education	Permitted to guide Ph.D. in Physical Education from 2020-2021 & onwards.
11	Dr.A.Lovelin Jerald Associate Professor and Head, Department of FPPT	Ph.D. guideship in FPPT was approved in 38th AC Meeting held on 08.06.2018.Permitted to guide Ph.D. from 2018-19 and onwards.

iii. M.Phil. Guideship

S.No	Name and Designation	Remarks
1	Mrs.P.Jagathambal Assistant Professor Human Development	Permitted to guide M.Phil. in Human Development from 2019-20 and onwards .
2	Dr.Mutum Silpa Devi Assistant Professor (T) Human Development	Permitted to guide M.Phil. in Human Development from 2019-2020 and onwards .
3	Mrs.R.Sudha (T) Assistant Professor in Psychology	Permitted to guide M.Phil. in Psychology from 2019-2020 and onwards .
4	Dr.S.Velvizhi Assistant Professor Biochemistry Biotechnology and Bioinformatics	Permitted to guide M.Phil. in Biochemistry, Biotechnology and Bioinformatics from 2020-2021 and onwards
5	Dr.Grace Priyadarsini Appadurai Assistant Professor(T) English	Permitted to guide M.Phil. in English from 2019-2020 and onwards.

The Academic Council ratified/approved the above.

b. **Special Cases of M.Phil. and Ph.D. scholars with comments from RAC and Standing Committee:**

S.No	Name	Supervisor	Programme	Request	Remarks by RAC and VC's Comments
1.	A.Vanitha	Dr.P.Subashini	Ph.D. in Computer Science	Co-guide requested (Dr.Ramesh Sivanpillai, University Wyoming, USA)	Co-guide permitted as there is MoU between the two Institutes
2.	Challagundla Reddy Jyothsna	Dr.S.Kowsalya	Ph.D. in Food Science and Nutrition	Co-guide requested (Dr.S.Manohar, Director, Head of the Department of Internal Medicine, Sakra World Hospital, Bengaluru)	Co-guide permitted .
3.	Asmashaheen	Dr.V.Premala Priyadharshini	Ph.D. in Food Service Management and Dietetics	Co-guide requested (Dr.Latha Sashi, FF Hospital, Hyderabad) and signing of MoU requested with FF Hospital	Co-guide permitted. MoU signed on 27.09.2019.

4.	Evelyn Rishalet Laloo	Dr.S.Kowsalya	M.Phil. in Food Science and Nutrition	Co-Guide requested (Mr.Dious Lapasam , Asst Coach, Shillong)	Since the Coach has only cleared School education and then excelled in Sports coaching, he may be consulted for the research work as an Advisor
5.	R.Swathi	Dr.G.Bagyalakshmi	Ph.D. in Yoga in S-Vyasa Deemed University, Bangalore	Permission as external Co-Guideship for Dr.G.Bagyalakshmi requested	Permitted as an Advisor for the scholar, who works on natural fibres of Darbha blended with cotton in the preparation of yoga mats.
6.	A.Vijayashanthi	Dr.Chitra Sivasubramaniam	Ph.D. in English	Discontinuation of Ph.D.	Candidate got permission to discontinue.
7.	A.Deepa	Dr.R.Vijayabhanu	Ph.D. in Computer Science	Discontinuation of Ph.D. programme	Discontinuation permitted.
8.	B.Savitha	Dr.P.Subashini	Ph.D. in Computer Science	Requesting Continuation or Cancellation of Ph.D. programme	Permitted continuation of the programme by re - admission after paying the due penalty
9.	R.Jayasree	Dr.B.Sarojini	Ph.D. in Computer Science	Requesting discontinuation of Ph.D. in Computer Science	Permitted
10.	B.Preethi	Dr.M.Krishnaveni	Ph.D. in Computer Science	Requesting discontinuation of Ph.D. in Computer Science	Permitted
11.	A.Vanitha	Dr.P.Subashini	Ph.D. in Computer Science	Discontinuation of Ph.D. programme after marriage	Permitted
12.	R.Kasthuri	Dr.N.S.Rajeswari	Ph.D. in Physics	Discontinuation of Ph.D. programme during the third year (50% work done)	Permitted
13.	Sharmistha Gogoi	Dr.P.R.Padma	Ph.D. in Biotechnology	Discontinuation of Ph.D. programme	Permitted
14.	D.Prabha	Dr.T.Amutha	Ph.D. in Business Management	Discontinuation of Ph.D. programme due to personal reasons	Permitted
15.	N.Bharathi	Dr.Sreeja Balakrishnan	Ph.D. in English	Discontinuation of Ph.D. programme due to health issues	Permitted
16.	Gayannas C Merlaz	Dr.S.Visalakshi Rajeswari	Ph.D. in Resource Management	Permission requested to do Research in the College of Forestry, Kerala Agricultural University, Mannuthy, for a period of one month	Permitted
17.	S.Pavithramalini	Dr.P.Lalitha	M.Phil. in Chemistry	Maternity leave requested from 01.04.2019	Maternity leave sanctioned.. Also the candidate had submitted M.Phil. thesis on 31.07.2019
18.	C.Krishnapriya	Dr.K.Kalaiselvi	Ph.D. in Biotechnology	Maternity leave requested from 30.5.2019 to 31.01.2020	Maternity leave permitted..
19.	S.Jaisha Sanandam	Dr.A.Vijayalakshmi	Ph.D. in Botany	Requesting maternity leave from 12.09.2019	Maternity leave permitted.

20.	S.Tabitha	Dr.D.Kavitha	Ph.D. in Biochemistry	Requested maternity leave from 14.10.2019	Maternity leave permitted.
21.	S.Lekhashree	Dr.K.Kanniammal	Ph.D. in Commerce	Requested maternity leave from 21.10.2019	Maternity leave permitted.
22.	M.Munnish Ramya	Dr.J.Arthi	Ph.D. in Business Administration	Permission for maternity leave from 05.02.2020	Maternity leave permitted.
23.	G.Bhavani	Dr.S.Sivakumari	Ph.D. in Computer Science and Engineering	Permission for maternity leave from 23.03.2020	Maternity leave permitted.
24.	S.Nagalakshmi	Dr.S.Kalamani	Ph.D. in English	First extension requested	Candidate was earlier working in the Department of English and was relieved during vacation and was in maternity leave. Now extension permitted.
25.	S.Nagalakshmi	Dr.S.Kalamani	Ph.D. in English	Extension requested after termination of the temporary teaching post	Permitted .
26.	S.Eswari	Dr.C.Priyadharshini	Ph.D. in Tamil	Requesting first extension after ten months of the programme period	Permitted to pay the first extension fee with due penalty.
27.	S.Eswari	Dr.C.Priyadharshini	Ph.D. in Tamil	Two Extensions requested after a period of long absence of 10 months and also requested change of guide	Penalty of 10x200=Rs 2000 plus Rs2500 for two extension period to be paid. Change of guide was accepted but it was warned that this should not be a precedent in future .From the academic year 2019-2020 a fee of Rs 2000/ suggested as in other Universities for 1.Change of Ph.D. guide 2.Change of Ph.D. Thesis topic (only if very much needed) 3.Full time and Part time inter conversions during Ph.D. programme
28.	S.Eswari	Dr.C.Priyadharshini	Ph.D. in Tamil	Change of Guide - Dr.T.Nagammal	Permitted.
29.	R.Sri Durga Devi	Dr.Anitha Subash	Ph.D. in Biotechnology	Permission to pay tuition fee and extension fee after a long break(Rs51,840/-)	Permitted.
30.	Gayannas C Merlaz	Dr.S.Visalakshi Rajeswari	Ph.D. in Resource Management	Discontinuation of Ph.D. programme after marriage	Permitted
31.	T.R.Anandhi	Dr.U.Jerinabi	Ph.D. in Commerce	Re- admission requested from 29.06.2019, two years after Re-registration	Re-admission permitted for one year from 30.06.2019.
32.	M.Esther Jansi	Dr.G.Santhiyavalli	Ph.D. in Commerce	Permission to pay the second year tuition fee in the re-admission period (now paid)	Permitted.

33.	S.Yogeswari	Dr.S.Gayatridevi	Ph.D. in Psychology	Continuation of Ph.D. programme as Part time as she is appointed in Campus 2 as faculty member for SF course	Part Time permitted upto 25.02.2021.The candidate has to pay a penalty for 8 months 8x200=Rs1600 plus one year Part Time tuition fees.
34.	R.Sudha	Faculty member in Psychology	Ph.D. in Psychology	Permission to join part time Ph.D. in Bharathiar University	Permitted. She has not completed two years service in our Institute. Also guides not available.
35.	Sandhya Kumar	Dr.H.Indu	Ph.D. in Education	Conversion of Part Time to Full Time requested as the scholar has been selected for fellowship by NCERT and as per the guidelines of NCERT she has to be a Full Time scholar.	Conversion of Part Time to Full Time permitted from 01.06.2019 to 01.02.2020 .
36.	M.Mohamed Rihananasrin	Dr.S.Amsamani	Ph.D. in Textiles and Clothing	Part Time to Full Time Ph.D. requested	Permitted.
37.	R.Sri Durga Devi	Dr.Anitha Subash	Ph.D. in Biotechnology	Part time to Full time Ph.D. requested	Permitted.
38.	R.S.Radhika	Dr.R.Nithya	Ph.D. in Civil Engineering	Part Time to Full Time requested as the scholar has resigned the job from the Institute	Permitted.
39.	M.Manjula	Dr.G.Galavathy	Ph.D. in Tamil	Part Time to Full Time Ph.D. requested	Permitted.
40.	R.Pragatheeswari	Dr.PA.Raajeswari	Ph.D. in Food Science and Nutrition & Project Staff of DST - SERB	Requisition for relieving from JRF from 31.09.2019 as she was selected for UGC Swami Vivekananda Single Girl Child Scholarship	Permitted.
41.	M.C.Souparnika	Dr.Anandhi Ballamurugan	M.Phil. in English	Requesting for taking leave to go abroad due to personal reasons	Permitted 80% attendance has to be maintained .
42.	A.Rifana	Dr.D.Geetha	Ph.D in Commerce	Permission to visit her husband in Dubai (3.2.2020 to 23.2.2020) Attendance to be maintained not less than 80%	Permitted.
43.	Medha J Dave	Dr.P.Santhi	M.Phil. in Commerce	2 months leave for marriage (01.02.2020 to 31.03.2020)Penalty of Rs10,000/-to be paid if attendance is below 80%	Permitted.
44.	C.Krishnapriya	Dr.K.Kalaiselvi Senthil	Ph.D. in Biotechnology	Permission for extension of Maternity Leave - Attendance comes below 80%.Penalty Rs10,000/-	Permitted .Penalty to be paid
45.	Sandhya Kumar	Dr.H.Indu	Ph.D. in Education	Permission to pay tuition fees -4th yr PT fees	Permitted

46.	R.Aruna	Dr.G.Santhi	Ph.D. in Hindi	Long Absent – Mother sick, Marriage and visit to Dubai	Since attendance comes to less than 80%, permitted to move to the next semester by paying a penalty of Rs 10,000/- .
47.	S.M.Naseera	Dr.R.Prabha	Ph.D. in Textiles and Clothing	Permission requested for change of work place in PT status(due to transfer)	Permitted.
48.	J.Vinodhini	Dr.V.Sasirekha	Ph.D. in Physics – INSPIRE fellow	Permission for taking leave for illness (She gets fellowship every month and her absence has to be monitored like a non teaching staff)	Govt. of India leave rules to be followed.
49.	Lucy Thomas	-----	Ph.D. in Women Studies	Permission for joining full time in July 2020 session (Now there is no July 2020 session due to lock down)	May be permitted to join in Jan 2021 session as she is in the Ph.D. selection list of Jan 2020
50.	E.Suryakala	Dr.V.Malarvizhi	Ph.D. in Economics	Permission for late admission (Now she has joined)	Permitted.
51.	P.Vasuki		Ph.D. in Biochemistry	Change of guide Allotted to Dr.Anitha Subash	Permitted.
52.	K.Swathi	Dr.P.R.Padma (Supervisor passed away on 4.12.2019)	Ph.D. in Biochemistry	Change of guide Allotted to Dr.S.Sumathi (AYUSH project)	Permitted.
53.	Reshma K Nair		Ph.D. in Biotechnology	Change of guide Allotted to Dr.T.Angayarkanni	Permitted.
54.	M.Shruthi	Dr.R.Vanitha (SF)	Ph.D. in English (As per UGC norms, permanent staff should be Supervisors for Ph.D. scholars. The available permanent staff have no vacancy. But the number of applicants who were in the selection list was high and hence temporarily allotted SF staff as Supervisors. Will be shifted to Supervisors who are permanent, once vacancy arises to them)	Dr.A.Jeyasree	Permitted.
55.	S.Upanisha	Dr.Grace Priyadarshini Appadurai (SF)		Dr.Raichel M Sylus	
56.	J.Nivethitha	Dr.Mereena Alexander (SF)		Dr.M.Anjum Khan	
57.	R.Joy Silva Sherlin	Dr.S.Chitra (SF)		Dr.S.Jeyalakshmi	
58.	R.Nithya	Dr.Ananthi Ballamurugan (SF)		Dr.Sreeja Balakrishnan	

59.	P.P.Pauly	Dr.G.Sheefna (SF)	Ph.D. in Women's Studies	Dr.K.T.Geetha	As Dr.K.T.Geetha is retiring in one year,another permanent faculty with guideship for Women Studies will be allotted when they get vacancy.
60.	G.Jothilakshmi	Dr.V.Janaka Maya Devi	M.Phil. in Music	Permission requested to write the thesis in Tamil	Permitted

c. Other issues related to Research Activities

i. Attendance norms for Full Time Ph.D. scholars

As approved in the 39th Academic Council Meeting held on 28.06.2019, following are the steps to be followed for Full Time Ph.D. scholars:

1. 80 Percentage attendance is required per semester for Full Time Ph.D. scholars.

2. If attendance is less than 80% per semester, the scholar has to pay a penalty of Rs.10,000/- before moving to the next semester.

3. i. If the scholar is absent for a long period, routine intimation should be done by the Supervisor through Email to the scholar;
   ii. Then it should be intimated through registered post;
   iii. If no response within 15 days another registered post should be sent intimating cancellation of registration.
   iv. Intimation to be sent to the office about cancellation of registration.
   v. Then the Supervisor may be officially informed by the Director (R&C) that she is relieved from guiding that scholar and the scholar cannot utilize the data and the research work carried out so far, if she makes any attempt to seek guidance from another Supervisor within the Institute or elsewhere.

ii. MoU with ICMR-National Institute of Nutrition

RAC members scrutinized the draft MoU sent by Dr.Subba Rao M Gavaravarapu, Scientist E, Deputy Director , ICMR- NIN, Hyderabad

1. It was suggested that scholars from NIN can register for Ph.D. in Food Science and Nutrition and allied fields in our Institute and have the Supervisor from Avinashilingam Institute, the place of registration and have subject experts in NIN as co-guides, after getting approval from RAC.

2. Scientists D with MD/MPH/Ph.D. in Health, Life Sciences or Social and Behavioral Sciences can be the co-guides, if the Ph.D. topic is relevant for them for guiding.

3. The MoU may be valid for 5 years from the date of signing.

4. Full time and Part time Ph.D. norms have to be followed as per Institute's Ph.D Regulations.

iii. Plagiarism check of M.Phil. and Ph.D. thesis

(i) Chapters to exclude – Review of Literature, Experimental Protocol in Methodology / Experimental Design / Work Plan, Bibliography, Appendices (ii) Allowance of 14 consecutive words similarity (iii) Plagiarism level upto 10 % permissible as per UGC norms (iv) Library has to receive from the Supervisor, a note that no further alterations or changes will be made in the thesis after plagiarism check and the same soft copy (CD) has to be submitted to the Controller of Examinations.

d. Conduct of Doctoral Committee Meetings, Presynoptic Presentations and Synopsis Submission

Conduct of Doctoral Committee Meetings, Presynoptic Presentations and Synopsis Submission

	DCM1	DCM 2	DCM 3	PSP	SYN	TH
	(monthafter registration)					
FT(2yrs)	5	10	16	1-30 days after DCM 3	1-30 days after PSP	3-6 months after SYN but only at the end of programme period
FT(3yrs)	6	18	28
PT(3yrs)	6	18	28
PT(4yrs)	14	24	40

DCM - Doctoral Committee Meeting PSP- Presynoptic Presentation SYN- Synopsis Submission
TH- Thesis Submission.

e. **Fee for conversion of Full Time to Part time Ph.D. and vice versa, change of Supervisor and change of Thesis Title**

Fee for conversion of Full Time to Part time Ph.D. and vice versa may be collected as in other Universities- Rs.2,000/- for inter conversion of Full Time and Part Time Ph.D. ,Rs 2,000/- for change of Supervisor and Rs 2,000/- for change of thesis title.

f. PDF –Mentor eligibility for candidates who apply through UGC,ICSSR etc.

- Professor designation in the discipline
- Atleast five research publications in reputed journals
- Should have guided atleast three Ph.D. scholars

g. Modification and Revision of work plan of Ph.D. research work in the pandemic situation

Research scholars who are half way through their research work, find it difficult and impossible to continue their planned activities due to COVID lock down situation and are permitted to modify and revise their work plan.

46. Information on Innovation and Startup Policy 2019-2020.

The **Chairperson of the Academic Council Dr.(Mrs.) Premavathy Vijayan** moved the framed Policy of Innovation and Startup 2019-2020, as given in Annexure 46.1 and was ratified by the Academic Council.

The Academic Council Members appreciated the Chairperson of the Academic Council for the smooth conduct of the Academic Council through online during this COVID period.

Dr.S.Kowsalya, Registrar and Secretary of the Academic Council thanked the Chairperson of the Academic Council and all the Academic Council members for their support and cooperation for the smooth conduct of the meeting.