Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore 641 043

**Minutes of the 43rd Academic Council Meeting held on
25.08.2022 at 2.00 p.m.**

Members Present:

1. **Dr. (Mrs.) V.Bharathi Harishankar**
   Vice Chancellor
   Chairperson

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

3. **Dr.N.Ponpandian**
   Professor and Head,
   Department of Nanoscience and Technology,
   Bharathiar University,
   Coimbatore – 641 046.

4. **Mr.K.N. Visveswaran**
   64-65 Adi Sankarar Nagar,
   Enathur,
   Kanchipuram 631561

5. **Dr.P.Sathiya Moorthi**
   Managing Partner,
   Moon Foods,
   No.155/10,Kollapatti, Animoor Po,
   Kokkaraiyanpettai Main Road,
   Near Velavan Kalyana Mandabam,
   Tiruchengode – 637214
   Namakkal District.

6. **Dr.(Mrs.) G.Padmavathi**
   Dean, School of Physical Sciences and Computational Sciences

7. **Dr.(Mrs.) A. Vijayalakshmi**
   Dean, School of Biosciences
   HOD, Department of Botany

8. **Dr.(Mrs.) M.Manonmani**
   Dean, School of Arts and Social Sciences

9. **Dr.(Mrs.)P.Chitramani**
   Dean, School of Commerce & Management

10. **Dr.(Mrs.)G.Victoria Naomi**
    Dean, School of Education

11. **Dr.(Mrs) B.Sargunam**
    Dean (i/c), School of Engineering

12. **Dr.(Mrs.)M.R.Thilakam**
    Professor & HOD of Resource Management

13. **Dr.(Mrs.)V.Premala Priyadharsini**
    Professor & HOD of Food Service Management and Dietetics

14. **Dr.(Mrs.) M.Sylvia Subapriya**
    Professor (CAS) & HOD of Food Science & Nutrition

15. **Dr.(Mrs.) K.Kalaiarasi**
    Associate Professor (CAS) & HOD of Textiles & Clothing

16. **Dr. (Mrs.) M. Priya**
    Assistant Professor (SS) & HOD (i/c) of Human Development

17. **Dr. (Mrs.) R.Jansi Rani**
    Assistant Professor (SG) & HoD (i/c) of Home Science Extension Education

18. **Dr. (Mrs.) N. Balamani**
    Assistant Professor (SS) & HOD (i/c) of Mathematics

19. **Dr. (Mrs.) J. Shanthi**
    Professor (CAS) & HOD of Physics

20. **Dr. (Mrs.) R.Saratha**
    Professor (CAS) & HOD of Chemistry

21. **Dr. (Mrs.)Vasantha Kalyani David**
    Professor (CAS) & HOD of Computer Science

22. **Dr.(Mrs.) D. Shanmugapriya**
    Assistant Professor & HOD of Information Technology

23. **Dr. (Mrs.) Anitha Subash**
    Professor (CAS) & HOD of Biochemistry, Biotechnology & Bioinformatics

24. **Dr. (Ms.) K.Manimegalai**
    Professor (CAS) and HOD of Zoology

25. **Mrs. A.Uma Devi**
    Assistant Professor & HOD (i/c) of Physician Assistant

26. **Dr.(Mrs.) S.Gandhimathi**
    Professor (CAS) & HOD of Economics

27. **Dr. (Mrs.) S. Bharani**
    Assistant Professor (SS) & HOD (i/c) of Tamil

28. **Dr.(Mrs.) Shobhana Kokkadan**
    Professor and HOD of Hindi

29. **Dr.(Mrs.) G.Jeevaratnam**
    Associate Professor (CAS), French

30. **Dr. (Mrs.) Chitra Sivasubramaniam**
    Associate Professor (CAS) & HOD of English

31. **Dr.(Mrs.) V.Janaka Maya Devi**
    Professor (CAS) & HOD of Music

32. **Dr. (Mrs.) S. Gayatridevi**
    Professor (CAS) & HOD of Psychology

33. **Dr.(Mrs.)V.Jayashree**
    Assistant Professor & HOD (i/c) of Visual Communication

34. **Dr.(Mrs.) J.Arthi**
    Professor (CAS) & HOD of Business Administration

35. **Dr. (Mrs.) P.Santhi**
    Professor (CAS) & HOD of Commerce

36. **Dr. (Mrs.) V.T. Bindu**
    Assistant Professor (SG) & HOD (i/c) of Tourism Management

37. **Mrs.S.S Manimozhi**
    Assistant Professor (SG) & HOD (i/c) of Education

38. **Dr. (Mrs.) K. Sambath Rani**
    Associate Professor (CAS) & HOD of Special Education

39. **Dr. (Mrs.) P.Vanithamani**
    Associate Professor (CAS) & HOD of Physical Education

40. **Dr. (Mrs.) Judith Justin**
    Professor and HOD of Biomedical Instrumentation Engineering

41. **Dr. (Mrs.) S. Sivakumari**
    Professor & HOD of Computer Science and Engineering

42. **Dr.(Mrs.) R.Nithya**
    Associate Professor & HOD of Civil Engineering

43. **Dr. (Mrs.) A. Lovelin Jerald**
    Professor& HOD of Food Processing and Preservation Technology

44. **Dr. (Mrs.) T.K.S. Lakshmipriya**
    Professor and HOD of Printing Technology

45. **Dr. (Mrs.) S. Malarvizhi**
    Associate Professor & HOD of Science and Humanities

46. **Dr. (Mrs.) V. Radha**
    Professor (CAS), Dept. of Computer Science

47. **Dr.(Mrs.) S.Amsamani**
    Professor (CAS), Dept. of Textiles & Clothing

48. **Dr. (Mrs.) N. Vasuki**
    Professor (CAS), Dept. of Education

49. **Dr. (Mrs.) S.Kalamani**
    Professor (CAS), Dept. of English

50. **Dr. (Mrs.) S. Gayathri Devi**
    Professor (CAS), Dept. of Biochemistry, Biotechnology & Bioinformatics

51. **Dr. (Mrs.) A. Thirumani Devi**
    Professor (CAS) , Dept. of Food Science & Nutrition

52. **Dr.(Mrs.) A.Saraswathy**
    Associate Professor (CAS), Dept. of Resource Management

53. **Dr. (Mrs.) R.Vanithamani**
    Professor, Dept. of Biomedical Instrumentation Engineering

54. **Dr.(Mrs.) Pa. Raajeswari**
    Associate Professor (CAS), Dept. of Food Science & Nutrition

55. **Dr.(Mrs.) T.Geetha**
    Director (i/c), Women's Studies Centre

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

57. **Dr.(Mrs.) P.Lalitha**
    Director, Research and Development Cell

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

The Academic Council meeting started with Prayer.

I. Greetings by the Chancellor

The Chancellor, Dr.S.P.Thyagarajan, while greeting the Academic Council members stressed on the significance of aspects such as Academic Bank of Credits, Digilocker, Learning Outcomes Based Curriculum Framework and so on, covered under National Education Policy, 2020 which facilitate flexible curriculum, Quality Higher Education, Credit transfer, more Research / Teaching collaborations and Multiple Entry and Exit.

II. Welcome Address

Dr.(Mrs.) P.Chitramani, Dean, School of Commerce and Management welcomed all the Academic Council members.

The Chairperson of the Academic Council Dr. (Mrs.) V.Bharathi Harishankar recorded the leave of absence of Dr.E.Ram Ganesh, Professor and Head, Department of Education Technology, Bharathidasan University and Sri CA.K. Jalapathi, Chartered Accountant for Academic Council Meeting.

III. Business brought forward by the Boards of Studies

1) The Boards of Studies meeting conducted by **various departments** of the Institute recommended the following and the **Chairperson of the Academic Council Dr. (Mrs.) V.Bharathi Harishankar** moved the same:

a) Adoption of National Education Policy 2020 through **Development of Curricular Framework for Undergraduate programmes** for which Learning Outcomes based Curriculum Framework (LOCF) was given by UGC to provide access for Implementation of Academic Bank of Credits (ABC) and Credit Transfer (for SWAYAM / NPTEL Courses) was approved.

b) Implementation of LOCF given by UGC for specific programmes from the academic year 2023-2024 & onwards was approved.

c) The revised Subject codes of **Part IV Components –Communication Skills, Soft Skills and Women's Studies Centre's Co-curricular Courses** applicable from the academic year 2022-2023 & onwards was approved.

Mr.K.N.Visveswaran, Chief Mentor, Hexavarsity suggested to use plural form, i.e., Communication Skills & Soft Skills instead of Communication Skill & Soft Skill.

Dr.N.Ponpandian, Professor and Head, Department of Nanoscience and Technology, Bharathiar University, said that the Course Contents should be revised periodically based on the needs of the International, National & local needs, and based on that the Course Outcomes should be framed.

Dr. (Mrs.) V.Bharathi Harishankar, the Chairperson of the Academic Council informed that based on the Outcomes the syllabus would be modified in future.
Mr.K.N.Visveswaran asked to change the Teaching Methodologies and Evaluation pattern.

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

The motion was passed unanimously.

2. The Board of Studies in **Resource Management** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Resource Management **Dr.(Mrs.) M.R. Thilakam** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Interior Design and Resource Management** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Interior Design and Resource Management** students admitted from the academic year 2021-2022 and onwards as given in Annexure 2.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Interior Design and Resource Management** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Interior Design and Resource Management** students admitted from the academic year 2021-2022 and onwards as given in Annexure 2.2 was approved.

c) The following Specialization papers applicable for Ph.D. scholars admitted in January, 2022 as given in Annexure 2.3 were approved:
21PHRM03B – Human Factors and Ergonomics in Assistive Devices (Full time)
21PHRM03C – Assessing the Impact of Entrepreneurship Programme on Women (Full time) and
21PHRM03D – Empowering Women through Agro Enterprises (Part time)

Dr.(Mrs.) G.Jeevaratnam, Associate Professor, French seconded the motion**.**

The motion was passed unanimously.

3. The Board of Studies in **Food Service Management & Dietetics** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Food Service Management and Dietetics **Dr. (Mrs.) V.Premala Priyadharsini** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Food Service Management and Dietetics** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Food Service Management and Dietetics** students admitted from the academic year 2021-2022 and onwards as given in Annexure 3.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Food Service Management and Dietetics** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Food Service Management and Dietetics** students admitted from the academic year 2021-2022 and onwards as given in Annexure 3.2 was approved.

c) The following Specialization papers applicable for Ph.D. scholars admitted in January, 2022 as given in Annexure 3.3 were approved:

21PHFD03D - Gastro Intestinal Disorders (Full time)
21PHFD03E – Glycemic Response and Prebiotics in Rice Varieties (Part time) and
21PHFD03F – Food Behaviours and Nutritional Choices (Part time)

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

The motion was passed unanimously.

4. The Board of Studies in **Food Science and Nutrition** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Food Science and Nutrition **Dr.(Mrs.) M.Sylvia Subapriya** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Food Science and Nutrition** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Food Science and Nutrition** students admitted from the academic year 2021-2022 and onwards as given in Annexure 4.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Food Science and Nutrition** from the academic year 2021-2022 and onwards was approved.

(ii) The following aspects applicable for **B.Sc. Food Science and Nutrition** students admitted from the academic year 2021-2022 and onwards as given in Annexure 4.2 were approved:

- The revised contents of the following courses:
  21BFNC07 - Bakery and Confectionery
  21BFNC09 - Techniques of Food Evaluation
  21BFNC16 - Nutrition in Diseases II

21BFNC23 - Product Development and Marketing
21BFNC24 - Food Safety, Sanitation and Hygiene and
21BFNC27 - Nutraceuticals and Nutrigenomics

- Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester.

c) The revised contents of Value Added course – **21BFNV01 Nutrition and Physical Fitness** applicable for all the Undergraduate students admitted from the academic year 2021-2022& onwards as given in Annexure 4.3 were approved.

d) The following Specialization papers applicable for Ph.D. scholars admitted in January, 2022 as given in Annexure 4.4 were approved:

21PHFN03J – **Nutritional Status of Adolescents (Full time)**
21PHFN03K – **Development of Probiotic Foods (Full time)**
21PHFN03L – **Nutritional Status of Preschool Children including ICDS Beneficiaries (Full time)**
21PHFN03M – **Nutritional and Athletic Profile of Sport Persons (Part time)**
21PHFN03N – **Assessment of Nutritional Status of Saltpan Workers (Part time)** and
21PHFN03O – **Beta Carotene Bioavailability and Shelf Life of Microgreens (Part time)**

Dr.(Mrs.) A. Vijayalakshmi, Dean, School of Biosciences and Professor & Head, Department of Botany seconded the motion.

The motion was passed unanimously.

5. The Board of Studies in **Textiles and Clothing** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Textiles and Clothing **Dr. (Mrs.) K.Kalaiarasi** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Textiles and Fashion Apparel** and **M.Sc. Biotextiles** from the academic year 2021 - 2022 & onwards were approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Textiles and Fashion Apparel** and **M.Sc. Biotextiles** students admitted from the academic year 2021-2022 and onwards as given in Annexures 5.1 & 5.2 were approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Textiles and Apparel Designing** and **B.Voc. Textile Dyeing and Printing** from the academic year 2021-2022 & onwards were approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Textiles and Apparel Designing** and **B.Voc. Textile Dyeing and Printing** students admitted from the academic year 2021-2022 and onwards as given in Annexures 5.3 and 5.4 were approved.

c) (i) The following Specialization papers applicable for Ph.D. Part time scholars admitted in August,2021 as given in Annexure 5.5 were ratified:

21PHTC03C - Nonconventional Fibres for Sustainability
21PHTC03D - Traditional Folk Arts of Southern India
21PHTC03E - Textile Recycling for Technical Textile Applications and
21PHTC03F - Advanced Textile Finishes

(ii) Specialization papers **21PHTC03G - Special Finishes on Textiles** and **21PHTC03H - Eco-friendly Natural dyes** applicable for Ph.D. Full time scholars admitted in January, 2022 as given in Annexure 5.5 were ratified.

Dr.(Mrs.)M.R.Thilakam, Professor & HOD of Resource Management seconded the motion.

The motion was passed unanimously.

6. The Board of Studies in **Human Development** at its meeting held on 04.07.2022 recommended the following and the Chairperson (i/c) of the Board of Studies in Human Development **Dr.(Mrs.) M.Priya** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Human Development** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Human Development** students admitted from the academic year 2021-2022 and onwards as given in Annexure 6.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Human Development** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Human Development** students admitted from the academic year 2021-2022 and onwards as given in Annexure 6.2 was approved.

c) (i) The Specialization paper **21PHHD03B - Adolescent Development and Behaviour** applicable for Ph.D. Full time scholar admitted in January, 2022 as given in Annexure 6.3 was ratified.

(ii) The Specialization paper **21PHHD03C – Early Childhood Care and Education (ECCE)** applicable for Ph.D. Part time scholar admitted in January, 2022 as given in Annexure 6.3 was approved.

Dr. (Mrs.) P.Santhi, Professor & HOD of Commerce seconded the motion.

The motion was passed unanimously.

7. The Board of Studies in **Home Science Extension Education** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Home Science Extension Education **Dr. (Mrs.) R. Jansi Rani** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Extension and Communication** from the academic year 2021-2022 and onwards was approved.

(ii) The following revisions applicable for **M.Sc. Extension and Communication** students admitted from the academic year 2021-2022 and onwards as given in Annexure 7.1 were approved:
  ➢ The revised contents of the courses **21MEXC15 Programme Planning** and **21MEXC21 Village Placement Programme** offered during 3rd semester and
  ➢ Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **Master of Social Work** from the academic year 2021-2022 and onwards was approved.

(ii) The following revisions applicable for **Master of Social Work** students admitted from the academic year 2021-2022 and onwards as given in Annexure 7.2 were approved:

  • The revised contents of the following courses offered during 3rd semester:
      21MSWC19A - Human Resource Management
      21MSWC20A - Labour Legislation
      21MSWC21A – Industrial Relations and Organizational Behaviour
      21MSWC21B – Psychiatric Social Work and
      21MSWC21C – Tribal Community Development
  • Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester.

c) The revised contents of **Multidisciplinary course 21MEXM01 Communication for Societal Development Service** offered during 3rd semester applicable for all Postgraduate students admitted from 2021-2022 and onwards as given in Annexure 7.3 was approved.

d) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Rural Development and Sociology** from the academic year 2021-2022 and onwards was approved.

(ii) The following revisions applicable for **B.Sc. Rural Development and Sociology** students admitted from the academic year 2021-2022 and onwards as given in Annexure 7.4 were approved:
  • The revised contents of the following courses:
      21BRDC11 – Rural Governance
      21BRDC12 – Programme Development and Evaluation and
      21BRDC14 – Training for Rural Development.
  • Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester.

Mr.K.N. Visveswaran suggested to modify the title of 21MSWC20A – Labour Legislation as Labour Laws.
The Chairperson of the Board of Studies explained that Labour Legislation covers all the processes and that term is followed in other universities syllabi also.

Dr.K.S.Pushpa,Professor, Gandhigram University suggested to consider the change in the nomenclature of the programme M.Sc. Extension and Communication as M.Sc. Home Science Extension and Communication, since the Teacher Recruitment Board of Tamilnadu government is insisting on the inclusion of a word 'Home Science'

The Chairperson of the Academic Council asked the Head of the department to discuss on the suggestions given by the Academic Council members in the next Boards of Studies and bringout the changes, if needed.

Dr.(Mrs.) S.Gandhimathi, Professor & HOD of Economics seconded the motion.

The motion was passed unanimously.

8. The Board of Studies in **Women's Studies** at its meeting held on 04.07.2022 through blended mode recommended the following and **Dr. (Mrs.) T.Geetha,** Director i/c, Women's Studies Centre moved the same:

   a) The Specialization paper **21PHWS03D – Health Communication for Women** applicable for Ph.D. Part time scholars admitted in January, 2022 as given in Annexure 8.1 was approved.

   Dr.(Mrs.) S.Amsamani, Professor, Department of Textiles & Clothing seconded the motion.

   The motion was passed unanimously.

9. The Board of Studies in **Biochemistry, Biotechnology and Bioinformatics** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Biochemistry, Biotechnology and Bioinformatics **Dr.(Mrs.) Anitha Subash** moved the same:

   a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Biochemistry,** from the academic year 2021-2022 and onwards was approved.

   (ii) The revised contents of **21MBCC17 – Genetic Engineering** and inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Biochemistry** students admitted from the academic year 2021-2022 and onwards as given in Annexure 9.1 was approved.

   b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Biotechnology** and **M.Sc. Bioinformatics** from the academic year 2021-2022 and onwards were approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Biotechnology** and **M.Sc. Bioinformatics** students admitted from the academic year 2021-2022 and onwards as given in Annexures 9.2 and 9.3 were approved.

c) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Biochemistry & Biotechnology** from the academic year 2021-2022 and onwards was approved.

(ii) The following revisions applicable for **B.Sc. Biochemistry & Biotechnology** students admitted from the academic year 2021-2022 and onwards as given in Annexure 9.4 were approved:

- The revised contents of courses **21BBCC10 - Drug Biochemistry** and **21BBCC11 Clinical Biochemistry.**
- Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester.

d) (i) The following Specialization papers applicable for **Ph.D. Biochemistry Part time** scholars admitted in January,2022 as given in Annexure 9.5 were approved:

21PHBC03E – Efficacy of Aromatic Medicinal Plants and Spices and their Commercial Applications and
21PHBC03F – Antibiofilm Potential of Secondary Metabolites

(ii) Specialization paper **21PHBT03D – Molecular Techniques to study Tumour Metastasis and Recurrence** applicable for **Ph.D. Biotechnology Part time** scholar admitted in January, 2022 as given in Annexure 9.5 was approved.

(iii)The following Specialization papers applicable for **Ph.D. Biotechnology Full time** scholars admitted in January, 2022 as given in Annexure 9.5 were ratified:

21PHBT03E – Techniques in Antibiofilm Research and
21PHBT03F – Development of Biocolorants from Natural Resources

Dr. (Mrs.)Vasantha Kalyani David, Professor & HOD of Computer Science seconded the motion.

The motion was passed unanimously.

10. The Board of Studies in **Botany** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Botany **Dr.(Mrs.) A.Vijayalakshmi** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Botany** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Botany** students admitted from the academic year 2021-2022 and onwards as given in Annexure 10.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Botany** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Botany** students admitted from the academic year 2021-2022 and onwards as given in Annexure 10.2 was approved.

c) The following Specialization papers applicable for **Ph.D. Full time** scholars admitted in January,2022 as given in Annexure 10.3 were ratified:

21PHBO03C – Mushroom Cultivation and
21PHBO03D – Medicinal Plants and Adulteration.

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

The motion was passed unanimously.

11. The Board of Studies in **Zoology** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Zoology **Dr.(Ms.) K.Manimegalai** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Zoology** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Zoology** students admitted from the academic year 2021-2022 and onwards as given in Annexure 11.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Zoology** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Zoology** students admitted from the academic year 2021-2022 and onwards as given in Annexure 11.2 was approved.

c) The Specialization paper **21PHZO03D – Nano Science and Applications** applicable for Ph.D. Part time scholar admitted in January, 2022 as given in Annexure 11.3 was approved.

Dr.N.Ponpandian suggested to frame common Specialization papers for each guide based on their own Specializations, so that more than one research scholar could choose and work on the same specialization.

Dr.S.Kowsalya, Registrar of the Institute explained that the specialization papers are student – centered and not guide centered; if two or three research scholars are doing research on the same topic, then they are permitted to choose the same specialization paper.

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

The motion was passed unanimously.

12. The Board of Studies in **Physician Assistant** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Physician Assistant **Mrs.A.Uma Devi** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Physician Assistant** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 8th semester applicable for **B.Sc. Physician Assistant** students admitted in the academic year 2021-2022 as given in Annexure 12.1 was approved.

Dr. (Mrs.) Anitha Subash, Professor & HOD of Biochemistry, Biotechnology & Bioinformatics seconded the motion.

The motion was passed unanimously.

13. The Board of Studies in **Mathematics** at its meeting held on 04.07.2022 recommended the following and the Chairperson (i/c) of the Board of Studies in Mathematics **Dr.(Mrs.) N.Balamani** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Mathematics** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Mathematics** students admitted from the academic year 2021- 2022 and onwards as given in Annexure 13.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Mathematics** from the academic year 2021-2022 and onwards was approved.

(ii) The following revisions applicable for **B.Sc. Mathematics** students admitted from the academic year 2021-2022 and onwards as given in Annexure 13.2 were approved:

- The revised contents of courses **21BMAC14 Real Analysis - I** and **21BMAC15 Complex Analysis - I** offered during 5th semester.
- Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester.

c) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Special Education and Mathematics** from the academic year 2021-2022 and onwards was approved.

(ii) The following revisions applicable for **B.Sc. Special Education and Mathematics** students admitted from the academic year 2021-2022 and onwards as given in Annexure 13.3 were approved:

- The revised contents of courses **21BSMC14 Real Analysis - I** and **21BSMC15 Complex Analysis - I** offered during 5th semester.

- Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester.

Dr.(Mrs) B.Sargunam, Dean (i/c), School of Engineering seconded the motion.

The motion was passed unanimously.

14. The Board of Studies in **Physics** at its meeting held on 04.07.2022 through blended mode recommended the following and the Chairperson of the Board of Studies in Physics **Dr. (Mrs.) J. Shanthi** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Physics** from the academic year 2021-2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Physics** students admitted from the academic year 2021-2022 and onwards as given in Annexure 14.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Physics** from the academic year 2021-2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Physics** students admitted from the academic year 2021-2022 and onwards as given in Annexure 14.2 was approved.

c) The Specialization paper **21PHPH03D - Crystal Growth and X-ray Crystallography** applicable for Ph.D. Part time scholar admitted in August, 2021 as given in Annexure 14.3 was ratified.

The Academic Council members unanimously suggested to identify the common topics or core research areas of a department for carrying out research in all the subjects which would be helpful for setting up a question paper and valuation of the same.

The Vice Chancellor informed that the Specialization paper should not be limited to their research topic alone, but should cover all the basic concepts and the recent developments in that field of research and asked the individual departments' Boards of Studies to discuss on the Specialization papers.

Dr.(Mrs.) V.Janaka Maya Devi, Professor & HOD of Music seconded the motion.

The motion was passed unanimously.

15. The Board of Studies in **Chemistr**y at its meeting held on 04.07.2022 through blended mode recommended the following and the Chairperson of the Board of Studies in Chemistry **Dr. (Mrs.) R.Saratha** moved the same:

a) (i)Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Chemistry** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Chemistry** students admitted from the academic year 2021-2022 and onwards as given in Annexure 15.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Chemistry** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Chemistry** students admitted from the academic year 2021-2022 and onwards as given in Annexure 15.2 was approved.

c) (i) Specialisation paper **21PHCH03D - Advanced Coordination Chemistry** applicable for Ph.D. Full time scholar admitted in January, 2022 as given in Annexure 15.3 was ratified.

(ii) Specialisation paper **21PHCH03E - Phytochemical Methods and Paper Making Technology** applicable for Ph.D. Part time scholar admitted in January, 2022 as given in Annexure 15.3 was approved.

Mr.K.N.Visveswaran opined that critical thinking should be developed among the researchers.

Dr.P.Sathiya Moorthi, Managing Partner, Moon Foods stressed on the need for developing the concept - Commercialization among the students, which would be helpful for industries, because even the highest scorers in the examination and having good basic theoretical knowledge in the relevant subjects are not able to perform upto the expectations of the industries.

The Vice Chancellor, Dr. (Mrs.) V.Bharathi Harishankar expressed that the teachers should take utmost care while framing the syllabus for creating industry – ready Undergraduate students and critical thinking researchers from our Institution.

Dr.(Mrs.) J.Arthi, Professor & HOD of Business Administration seconded the motion.

The motion was passed unanimously.

16. The Board of Studies in **Computer Science** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Computer Science **Dr. (Mrs.) Vasantha Kalyani David** moved the same:

a) (i)Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Computer Science** and **Master of Computer Applications** from the academic year 2021-2022 and onwards were approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Computer Science** and **Master of Computer Applications** students admitted from the academic year 2021-2022 and onwards as given in Annexures 16.1 and 16.2 were approved.

b) The following **Professional Certificate Courses** applicable for M.Sc. Computer Science and MCA students admitted from the academic year 2021-2022 & onwards (As per the MOU signed with CloudKampus, the E-Learning division of M/s.CADD Centre Training services Pvt. Ltd., Chennai) were approved:

21MCSPC1 Data Science using Python
21MCSPC2 Data Science using R
21MCSPC3 VMWare/Network security
21MCSPC4 Internet of Things
21MCSPC5 Robotic Process Automation and
21MCSPC6 Design Visualization program using 3d Studio Max

c) Introduction of Interdisciplinary course **22MCSI02 - Machine Learning Using Excel** applicable for Postgraduate students admitted from the academic year 2022-2023 & onwards as given in Annexure 16.3 was approved.

d) (i)Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Computer Science** and **Bachelor of Computer Applications** from the academic year 2021-2022 and onwards were approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Computer Science** and **Bachelor of Computer Applications** students admitted from the academic year 2021-2022 and onwards as given in Annexures 16.4 and 16.5 were approved.

e) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Voc. Artificial Intelligence and Machine Learning** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Voc. Artificial Intelligence and Machine Learning** students admitted from the academic year 2021-2022 and onwards as given in Annexure 16.6 was approved.

f) Introduction of the syllabi for the following Value Added courses applicable for the Undergraduate students admitted from the academic year 2021-2022 & onwards as given in Annexure 16.7 was approved:

21BCSV03 – Artificial Intelligence in Home Science and
21BCSV04 – Artificial Intelligence in Business

g) (i)The following Specialization papers applicable for Ph.D. Full time scholars admitted in January, 2022 as given in Annexure 16.8 were ratified:

21PHCS03G - Deep Learning for Object Detection and
21PHCS03H - Deep Learning for Computer Vision

(ii) The following Specialization papers applicable for Ph.D. Part time scholars admitted in January,2022 as given in Annexure 16.8 were approved:

21PHCS03I - Advanced Concepts in Data Science
21PHCS03J - Artificial Intelligence and Machine Learning
21PHCS03K - Data Mining and Warehousing
21PHCS03L - Big Data Analytics
21PHCS03M - Data Science and Machine Learning
21PHCS03N - Machine and Deep Learning Methods for Cloud and Biometric Security
21PHCS03O - Data Analytics and Machine Learning and
21PHCS03P - Machine and Deep Learning Methods for Cyber Security

h) Inclusion of Computer Science related B.Voc. degree programmes as an eligibility criteria in addition with the existing criteria for admission to MCA (As per AICTE Approval Process Handbook 2022-2023 Page No.91, Table No.1.4, B.Voc. degree is eligible for admission to MCA) was approved.

Mr.K.N. Visveswaran mentioned that the course title should not cover the name of a product – i.e., 21MCSPC6 Design Visualization program using 3d Studio Max. The Chairperson of the Academic Council suggested to change the nomenclature as 'Design Visualization Program using current tools' and also said that the Ph.D. Specialization Papers title should not be too close or focussed.

The Chairperson of the Academic Council asked Dr.V.Radha to explain the eligibility criteria for admission to MCA Programme.

Dr.V.Radha, Professor of Computer Science explained that as per AICTE norms, any B.Voc. degree is eligible for admission to MCA.

Dr.K.Manimozhi, Controller of Examinations (i/c) enquired about the Value Added courses and their applicability offered by the Computer Science department.

Dr.R.Parimala, Assistant Registrar (Academic) informed that the titles of Value Added courses were already passed in the 42nd Academic Council meeting and included in the list of Value Added courses and hence they are applicable for the Undergraduate students admitted from the academic year 2021-2022 & onwards.

Mr.K.N.Visveswaran suggested to have the discussion on the nomenclature of the subjects with the internal members before conducting the next Boards of Studies meeting.

Dr.N.Ponpandian, Professor and Head, Department of Nanoscience and Technology, Bharathiar University seconded the motion.

The motion was passed unanimously.

17. The Board of Studies in **Information Technology** at its meeting held on 04.07.2022 through blended mode recommended the following and the Chairperson of the Board of Studies in Information Technology **Dr.D.Shanmugapriya** moved the same:

   a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Information Technology** from the academic year 2021-2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Information Technology** students admitted from the academic year 2021-2022 and onwards as given in Annexure 17.1 was approved.

   b) As per the UGC notification No.F.1-5/2021 (e.Gov) dated 30th March 2022 on "Initiatives for promoting Cyber Hygiene / Cyber Security in HEIs", Introduction of Interdisciplinary Course **22MITI02 – Cyber Security** for Postgraduate students admitted from the academic year 2022-2023 & onwards as given in Annexure 17.2 was approved.

   c) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Information Technology** from the academic year 2021-2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Information Technology** students admitted from the academic year 2021-2022 and onwards as given in Annexure 17.3 was approved.

   d) Introduction of Co-curricular course **22BSCIT1 – Basics of Cyber Security** (modified as per the suggestion) from the academic year 2022-2023 & onwards (as per UGC notification No.F.1-5/2021 (e.Gov) dated 30th March 2022 on "Initiatives for promoting Cyber Hygiene / Cyber Security in HEIs") as given in Annexure 17.4 was approved.

   Dr.K.Manimozhi, Controller of Examinations (i/c) suggested Cyber Hygiene and Cyber Security as titles instead of the same title 'Cyber Security' for two different courses.

   Dr.D.Shanmugapriya, Assistant Professor of Information Technology explained that the UGC has specified the tile as 'Cyber Security' and given the syllabus for the same subject.

   Dr.K.S.Pushpa, Professor and Head, suggested to modify the title of Co-curricular course 22BSCIT1 Cyber Security as Basics / Fundamentals of Cyber Security applicable for Undergraduate students.

   Dr. (Ms.) K.Manimegalai, Professor and HOD, Dept. of Zoology seconded the motion.

   The motion was passed unanimously.

18. The Board of Studies in **Economics** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Economics **Dr.(Mrs.) S.Gandhimathi** moved the same:

   a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.A. Economics** from the academic year 2021-2022 and onwards was approved.

(ii) The following revisions applicable for **M.A. Economics** students admitted from the academic year 2021-2022 and onwards as given in Annexure 18.1 were approved:

- The revised contents of the following courses:
  - **21MECC13 – Public Finance** and
  - **21MECC17-Computer Applications in Economics**.

- The revised title and contents of the course **21MECC21-Time Series and Panel Data Econometrics** changed from 21MECC21-Time Series Econometrics.
- Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester.
- The revised Scheme of Instruction and Examination.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.A. Economics** from the academic year 2021-2022 and onwards was approved.

 (ii) The revised contents of the courses and inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.A. Economics** students admitted from the academic year 2021-2022 and onwards as given in Annexure 18.2 was approved.

c) Introduction of the course **Health Economics** for all the Allied Healthcare Sciences programmes was approved.

Dr.K.Manimozhi, Controller of Examinations (i/c) asked the Chairperson of BoS to mention whether the Health Economics paper is a Core or an Allied subject and also its subject code.

Mr.K.N.Visveswaran asked to change the title 'Health Economics' as 'Economics in Health Sector' and enquired on the contents of syllabus for the same.

Dr.S.Gandhimathi, Professor of Economics explained the contents and their relevance to the particular major and informed that the title and the syllabus contents are specified by the UGC.

Dr.(Mrs.) Shobhana Kokkadan, Professor and HOD of Hindi seconded the motion.

The motion was passed unanimously.

19. The Board of Studies in **Tamil** at its meeting held on 04.07.2022 recommended the following and the Chairperson (i/c) of the Board of Studies in Tamil **Dr. (Mrs.) S. Bharani** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.A. Tamil** from the academic year 2021-2022 and onwards was approved.

 (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.A. Tamil** students admitted from the academic year 2021-2022 and onwards as given in Annexure 19.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.A. Tamil** from the academic year 2021-2022 and onwards was approved.

(ii) The revised contents of course **21BTMC15 – இலக்கியம் 8 – கட்டுரை இலக்கியம்** and inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.A. Tamil** students admitted from the academic year 2021-2022 and onwards as given in Annexure 19.2 was approved.

Dr. (Mrs.) M. Priya, Assistant Professor (SS) & HOD (i/c) of Human Development seconded the motion.

The motion was passed unanimously.

20. The Board of Studies in **Hindi** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Hindi **Dr.(Mrs.) Shobhana Kokkadan** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.A. Hindi and Journalism** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.A. Hindi and Journalism** students admitted from the academic year 2021-2022 and onwards as given in Annexure 20.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.A. Functional Hindi** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.A. Functional Hindi** students admitted from the academic year 2021-2022 and onwards as given in Annexure 20.2 was approved.

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

The motion was passed unanimously.

21. The Board of Studies in **French** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in French **Dr.(Mrs.) G.Jeevaratnam** moved the same:

a) (i) Introduction of **M.A. French** Programme from the academic year 2023-2024 & onwards was approved.

(ii) The framed Scheme of Instruction and Examination and the Syllabi with the inclusion of Programme Outcomes, Programme Specific Outcomes, Course Outcomes and CO-PO mapping applicable for **M.A French** students admitted from the academic year 2023-2024 & onwards as given in Annexure 21.1 was approved.

(iii)The following eligibility criteria for admission to **M.A. French** programme was approved:

BA in French with 55% marks in main subjects /

PG Diploma in French with 55% marks /

Any UG degree with four semesters of French Language at Part I level with 55% marks in French and 55% marks in the main Subjects /

Any UG degree with 55% marks and a DELF A2 diploma in French (issued by CIEP, Paris).

b) Specialization paper **21PHFR03A – L'enseignement du Francais Langue Etrangere a travers le folklore** applicable for **Ph.D. Part time** scholar admitted in January, 2022 as given in Annexure 21.2 was approved.

Dr.(Mrs.) S. Bharani, Assistant Professor & HOD (i/c) of Tamil seconded the motion.

The motion was passed unanimously.

22. The Board of Studies in **English** at its meeting held on 04.07.2022 through blended mode recommended the following and the Chairperson of the Board of Studies in English **Dr.(Mrs.) Chitra Sivasubramaniam** moved the same:

a) (i)Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.A. English** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.A. English** students admitted from the academic year 2021-2022 and onwards as given in Annexure 22.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.A. English** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.A. English** students admitted from the academic year 2021-2022 and onwards as given in Annexure 22.2 was approved.

c) (i) Specialization paper **21PHEN03D Indian Writing in English Translation** applicable for **Ph.D. Part time** scholar admitted in August, 2021 as given in Annexure 22.3 was ratified.

(ii) The following Specialization papers applicable for **Ph.D. Full time** scholars admitted in January, 2022 as given in Annexure 22.3 were ratified:

21PHEN03E Children's Literature and
21PHEN03F Gender Studies

Mr.K.N. Visveswaran enquired on the contents of 21PHEN03F- Gender Studies (Ph.D. Specialization Paper).

Dr. Chitra Sivasubramaniam, Professor & HoD of English explained the same.

Dr. (Mrs.) J. Shanthi, Professor & HOD of Physics seconded the motion.

The motion was passed unanimously.

23. The Board of Studies in **Music** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Music **Dr.(Mrs.) V.Janaka Maya Devi** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.A. Music** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.A. Music** students admitted from the academic year 2021-2022 and onwards as given in Annexure 23.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.A. Music** from the academic year 2021-2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.A. Music** students admitted from the academic year 2021-2022 and onwards as given in Annexure 23.2 was approved.

c) The Specialization paper **21PHMU03C – A Study on the Composition of Annamacharya** applicable for **Ph.D. Part time** scholar admitted in January, 2022 as given in Annexure 23.3 was approved.

d) (i) Offering the Certificate Course on **Vocal** for 8 levels (level 1 to level 8 of one year duration each) leading to the award of the title "Madhura Vani" and the syllabi for the same as given in Annexure 23.4 was approved.
(ii) Eligibility criteria for **Certificate Course** on **Vocal** as given below was approved:
   - Admission to the course shall be open to any female candidate who has completed the age of 7 years as at the beginning of the academic year [1st June]; the upperage limit for admission shall be 70 years. No formal educational qualification is stipulated for admission to the course. Admission shall also be open to faculty members/students enrolled in other branches of study.

   - Lateral admission to any higher level will be permitted on the condition that the candidate registers for and clears all the lower level examinations alongwith the level for which admission is sought.

e) Offering the **Certificate Course in Veena** of one year duration applicable for interested women candidates in Music above 7 years of age and the syllabi for the same as given in Annexure 23.5 was approved.

   Mr.K.N. Visveswaran enquired on the eight levels of Certificate Courses in Vocal.

   Dr.(Mrs.) V.Janaka Maya Devi ,Professor & HoD explained the same

Mr.K.N.Visveswaran suggested to issue the certificate mentioning 'Madhuravani' at each level.

The Chairperson of the Academic Council asked to refer the suggestion and discuss on the same in the next Board of Studies.

Dr. (Mrs.) S. Gayatridevi, Professor (CAS) & HOD of Psychology seconded the motion.

The motion was passed unanimously.

24. The Board of Studies in **Psychology** at its meeting held on 04.07.2022 through blended mode recommended the following and the Chairperson of the Board of Studies in Psychology **Dr.(Mrs.) S.Gayatridevi** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Applied Psychology** from the academic year 2021-2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Applied Psychology** students admitted from the academic year 2021-2022 and onwards as given in Annexure 24.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Clinical Psychology** from the academic year 2021-2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Sc. Clinical Psychology** students admitted in the academic year 2021-2022 as given in Annexure 24.2 was approved.

c) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Psychology** from the academic year 2021-2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Psychology** students admitted from the academic year 2021-2022 and onwards as given in Annexure 24.3 was approved.

d) The following Specialization papers applicable for **Ph.D. Counselling Psychology Part time** scholars admitted in January,2022 as given in Annexure 24.4 were approved:

   21PHCP03C ACT for Working Women and
   21PHCP03D Positive Therapy for Orphan Young Adults. Based on discussion the title would be changed as **Positive Therapy for Young Orphan Adults.**

Dr.S.Gayatridevi said that, "ACT means Acceptance and Commitment Therapy".

Mr.K.N.Visveswaran suggested to change the title of 21PHCP03D as Positive therapy for Young Orphan Adults.

The Chairperson of the Board of Studies, Dr.S.Gayatridevi accepted the suggestion.

Dr.(Mrs.) M.Sylvia Subapriya, Professor & HOD of Food Science & Nutrition seconded the motion.

The motion was passed unanimously.

25. The Board of Studies in **Visual Communication** at its meeting held on 04.07.2022 recommended the following and the Chairperson (i/c) of the Board of Studies in Visual Communication **Dr.(Mrs.)V.Jayashree** moved the same:

   a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Sc. Visual Communication** from the academic year 2021-2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Visual Communication** students admitted from the academic year 2021-2022 and onwards as given in Annexure 25.1 was approved.

   Dr. (Mrs.) R.Jansi Rani, Assistant Professor (SG) & HoD (i/c) of Home Science Extension Education seconded the motion.

   The motion was passed unanimously.

26. The Board of Studies in **Commerce** at its meeting held on 04.07.2022 through blended mode recommended the following and the Chairperson of the Board of Studies in Commerce **Dr. (Mrs.) P.Santhi** moved the same:

   a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Com.** and **M.Com. Computer Applications** from the academic year 2021-2022 and onwards were approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Com.** and **M.Com. Computer Applications** students admitted from the academic year 2021-2022 and onwards as given in Annexures 26.1 and 26.2 were approved.

   b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Com., B.Com. Professional Accounting** and **B.Com. Computer Applications** from the academic year 2021-2022 and onwards were approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Com., B.Com. Professional Accounting** and **B.Com. Computer Applications** students admitted from the academic year 2021-2022 and onwards as given in Annexures 26.3, 26.4 and 26.5 were approved.

(iii) Introduction of Courses and inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Com. Corporate Secretaryship** students admitted from the academic year 2021-2022 and onwards as given in Annexure 26.6 was approved.

c) (i) Specialization paper **21PHCO03E – Banking** applicable for Ph.D. **Commerce** Part time scholar admitted in August,2021 as given in Annexure 26.7 was ratified.

(ii) The following Specialization papers applicable for **Ph.D. Commerce** Full time scholars admitted in **January,2022** as given in Annexure 26.7 were ratified:
21PHCO03F - Financial Markets and Institutions
21PHCO03H - Social Innovation and Entrepreneurship
21PHCO03I - Smart Banking Technology and
21PHCO03J - Consumer Behaviour, Market Analysis and Strategic Decision Making.

(iii) Specialization paper **21PHCO03G – Behavioural Finance** applicable for **Ph.D. Commerce** Part time scholar admitted in January,2022 as given in Annexure 26.7 was approved.

Dr.Ponpandian enquired on the syllabus contents of Financial Markets and Institutions.

Dr.P.Santhi, Professor and Chairperson of Commerce explained that the syllabus contains 50 per cent of portion on Indian Financial System, Financial Markets and Services and the remaining 50 per cent of portion covers the Financial Institutions involved in the regulation of Monetary supply (RBI), Banking Services (Commercial Banks), Insurance Services, Capital Formation (NSE, NSDL, CDSL) and MSMEs and Institutional support to Entrepreneurs (DIC, SIDCO, SLDBI, KVIC).

Dr. (Mrs.) Judith Justin, Professor and HOD of Biomedical Instrumentation Engineering seconded the motion.

The motion was passed unanimously.

27. The Board of Studies in **Business Administration** at its meeting held on 04.07.2022 through blended mode recommended the following and the Chairperson of the Board of Studies in Business Administration **Dr.(Mrs.) J.Arthi** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **Master of Business Administration (M.B.A.)** and **Master of Business Administration (Information Technology)** from the academic year 2021-2022 & onwards were approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.B.A.** and **M.B.A. IT** students admitted from the academic year 2021-2022 and onwards as given in Annexures 27.1 & 27.2 were approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.B.A Retail Management** from the academic year 2021-2022 and onwards was approved.

 (ii) Introduction of Courses and inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.B.A Retail Management** students admitted from the academic year 2021-2022 and onwards as given in Annexure 27.3 was approved.

c) The following Specialization papers applicable for **Ph.D. Management** Part time scholars admitted in January,2022 as given in Annexure 27.4 were approved:

> **21PHBA03D – Work Life Balance** and
> **21PHBA03E – Training and Development and Industry 4.O**

d) Conducting Institute's Entrance Examination for admission of candidates to M.B.A IT Programme for the academic year 2022-2023 was ratified.

e) The Operational Process of Conducting Examinations for backlog students of M.Sc.IT & Management, Institute of Finance Management,Tanzania as given in Annexure 27.5 was approved.

f) * MoA with Bajaj Finserv for conducting Certificate Programme in Banking, Finance and Insurance (CPBFI) for all Postgraduate and Undergraduate students was approved.

 * MoA with MAKEINTERN of Mohipuri Technologies Pvt. Ltd., New Delhi for providing Entrepreneurship Training Program was approved.

 * MoA with M/s Brainswig Edutech Pvt. Ltd., Chennai for conducting Professional Certification Courses and Training Programmes was approved.

The Chairperson of the Academic Council asked the Chairperson of Board of Studies of Business Administration to explain the Operational Process of conducting examination for backlog students of M.Sc. IT & Management.

Dr.J.Arthi, Professor of Business Administration explained the same.

Dr. (Mrs.) S. Sivakumari, Professor & HOD of Computer Science and Engineering seconded the motion.

The motion was passed unanimously.

28. The Board of Studies in **Tourism Management** at its meeting held on 04.07.2022 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) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.B.A. Tourism and Travel Management** from the academic year 2021-2022 and onwards was approved.

(ii)The revised contents of the following courses and inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester, applicable for **M.B.A. Tourism and Travel Management** students admitted from the academic year 2021-2022 and onwards as given in Annexure 28.1 were approved (as per the suggestion the word 'Specialization' was removed from the title of Specialization Papers):

- **21MTAC21B Airfare Construction and Ticketing**
- **21MTAC07 Business Etiquettes and Tourism Entrepreneurship** and
- **21MTAC21A Hotel Operations and Management**

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.B.A. Tourism** from the academic year 2021-2022 and onwards was approved.

(ii) The revised contents of the following courses and inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester, applicable for **B.B.A. Tourism** students admitted from the academic year 2021-2022 and onwards as given in Annexure 28.2 were approved:

- **21BTOC14 Marketing Management**
- **21BTOC19 Airfare Construction** and
- **21BTOC21 International Business Management**

c) Specialization paper **21PHTO03C – Sustainable and Alternative Tourism** applicable for Ph.D. Part time scholar admitted in August, 2021as given in Annexure 28.3 was ratified.

The Chairperson of the Academic Council Dr. V.Bharathi Harishankar asked not to use the word 'Specialization' in the title of the Specialization papers of M.B.A Tourism and Travel Management.

Dr.(Mrs.) V.T.Bindu, Chairperson of BoS accepted the suggestion.

Dr. (Mrs.) A. Lovelin Jerald, Professor& HOD of Food Processing and Preservation Technology seconded the motion.

The motion was passed unanimously.

29. The Board of Studies in **Education** at its meeting held on 04.07.2022 recommended the following and the Chairperson (i/c) of the Board of Studies in Education **Mrs.S.S.Manimozhi** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes, applicable for **M.Ed.** from the academic year 2021- 2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Ed.** students admitted from the academic year 2021- 2022 and onwards as given in Annexure 29.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes, applicable for **B.Ed.** from the academic year 2021- 2022 and onwards was approved.

   (ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **B.Ed.** students admitted from the academic year 2021-2022 and onwards as given in Annexure 29.2 was approved.

c) Introduction of MOOC Course (2 to 4 Credits) offered by SWAYAM/NPTEL; the revised Scheme of Instruction and Examination and the syllabi applicable for B.Ed. students admitted from the academic year 2022-2023 & onwards as given in Annexure 29.3 was approved.

d) (i) Specialization paper **21PHED03C - Interactive Board Games for Primary Kids** applicable for **Ph.D. Education Full time** scholar admitted in January, 2022 as given in Annexure 29.4 was ratified.

(ii) The following Specialization papers applicable for **Ph.D. Education** Part time scholars admitted in January,2022 as given in Annexure 29.4 were approved:

> **21PHED03D – Advanced Pedagogy of Teaching Social Science; Based on the suggestion, the title would be 'Advanced Pedagogy for Teaching Social Science'.**
> **21PHED03E – Psychopedagogical approaches to Science Education** and
> **21PHED03F – Cognitive Theories and Pedagogical Approaches**

Mr.K.N. Visveswaran asked to change the title of the following Specialization papers 21PHED03C – Interactive Board Games for Primary Kids and 21PHED03D – Advanced Pedagogy of Teaching Social Science as Interactive Board Games for Primary School Children and Advanced Pedagogy for Teaching Social Science respectively.

Mrs.S.S.Manimozhi accepted to correct the title as suggested by the Academic Council member.

Dr. (Mrs.) Chitra Sivasubramaniam, Associate Professor & HOD of English seconded the motion.

The motion was passed unanimously.

30. The Board of Studies in **Special Education** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Special Education **Dr. (Mrs.) K. Sambath Rani** moved the same:

a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes, applicable for **M.Ed. Special Education (Visual Impairment / Hearing Impairment)** from the academic year 2021- 2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **M.Ed. Special Education (Visual Impairment / Hearing Impairment)** students admitted from the academic year 2021-2022 and onwards as given in Annexure 30.1 was approved.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes, applicable for **B.Ed. Special Education (Visual Impairment / Hearing Impairment) & Mathematics / Physical Science / Biological Science / Home Science / History / Special English** from the academic year 2021- 2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester applicable for **B.Ed. Special Education (Visual Impairment / Hearing Impairment) & Mathematics / Physical Science / Biological Science / Home Science / History / Special English** students admitted from the academic year 2021-2022 and onwards as given in Annexure 30.2 was approved.

c) The following revisions applicable for **B.Ed. Special Education(Visual Impairment / Hearing Impairment) & Mathematics / Physical Science / Biological Science / Home Science / History / Special English** students admitted from the academic year 2022-2023& onwards as given in Annexure 30.3 were approved**:**

- Introduction of MOOC Course (2 to 4 Credits) offered by SWAYAM / NPTEL
- Shifting of 21BDSC08 Early Childhood Care and Education from semester IV to semester III.

- The revised course code of 21BDSCV1/21BDSCH1 Special Education (VI) / Special Education (HI) (Computer based test) as 22BDSCVM / VP / VB / VH/ VI / VS and 22BDSCHM / HP / HB / HH / HI / HS.

- The revised contents of the following courses:
  21BDSPV1 – Practical I: Specialization (Visual Impairment) and
  21BDSPH1 - Practical I: Specialization (Hearing Impairment)

- The revised title of **21BDSPS1** - Practical II : School Subject as **22BDSPS1** - **Practical II : School Subject I.**

- The corrected term of Enhancement of Professional Capacities as **Enhancing Professional Capacities (EPC).**

- The revised Scheme of Instruction and Examination

d) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes, applicable for **B.Sc. Special Education and Mathematics** from the academic year 2021- 2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Special Education and Mathematics** students admitted from the academic year 2021-2022 and onwards as given in Annexure 30.4 was approved.

e) The revised course code of the following courses applicable for **B.Sc. Special Education and Mathematics** students admitted in the academic year 2019-2020 & onwards as given in Annexure 30.5 were ratified:

> **20BSMC14 – Abstract Algebra - II**
> **20BSMC15 – Real Analysis – II**
> **20BSMC16 – Complex Analysis – II** and
> **20BSMC17 – Operations Research**

f) The revised course code of the following courses offered during 4th to 6th semester applicable for **B.Sc. Special Education and Mathematics** admitted in the academic year 2020-2021 & onwards as given in Annexure 30.6 were ratified:

> **20BSEC10 – Motor Disability**
> **20BSEC11 – Community Based Rehabilitation**
> **20BSEC12 - Introduction to Multiple Disabilities**
> **20BSEC14 – Intellectual Disability**
> **20BSEC15 – Speech and Language for Children with Special needs**
> **20BSEC16 – Intellectual Disability – Practicum**
> **20BSEC17 – Assistive Technology for Persons with Disabilities**
> **20BSEC18 – Special Education and Mathematics (Computer Based test)**
> **20BSEC19 – Autism Spectrum Disorder**
> **20BSEC20 – Management in Special Education and Rehabilitation**
> **20BSEC21 – Individualized Educational Plan – Practicum** and
> **20BSEC22 – Internship in Schools**

g) The following Specialization papers applicable for **Ph.D. Part time** scholars admitted in January, 2022 as given in Annexure 30.7 were approved:

> **21PHSE03C - Teaching Language to Children with Hearing Impairment** and
> **21PHSE03D - Teaching Strategies for Children with Multiple Disabilities**

Mr.K.N.Visveswaran enquired on the course code of both Special Education and Mathematics.

Dr.Ponpandian suggested to mention the aspects or Specialized topics covered in the papers as titles in the place of I & II for courses like Abstract Algebra – I & II, Real Analysis I & II and Complex Analysis I & II.

The Chairperson of Board of Studies accepted to discuss on the suggestion given by the Academic Council Members in the next Board of Studies in Mathematics.

Dr. (Mrs.) R.Saratha, Professor & HOD of Chemistry seconded the motion.

The motion was passed unanimously.

31. The Board of Studies in **Physical Education** at its meeting held on 04.07.2022 through blended mode recommended the following and the Chairperson of the Board of Studies in Physical Education **Dr.(Mrs) P.Vanithamani** moved the same:

a) Inclusion of the following aspects applicable for **B.P.Ed.** students admitted from the academic year 2021- 2022 and onwards as given in Annexure 31.1 were approved:

- Inclusion of Programme Outcomes and Programme Specific Outcomes.
- Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semester.
- Introduction of MOOC Course (2 to 4 Credits) offered by SWAYAM / NPTEL.

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes, applicable for **B.Sc. Physical Education** from the academic year 2021- 2022 and onwards was approved.

(ii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semester applicable for **B.Sc. Physical Education** students admitted from the academic year 2021-2022 and onwards as given in Annexure 31.2 was approved.

c) The following Specialization papers applicable for **Ph.D. Physical Education** scholars admitted in January,2022 as given in Annexure 31.3 were approved:
> **21PHPE03C – Applied Sports Training (Full time / Part time)**
> **21PHPE03D – Sports Training (Part time)**
> **21PHPE03E – Sports Psychology (Full time / Part time)** and
> **21PHPE03F – Sports Nutrition (Full time)**

Dr. (Mrs.) N. Balamani, Assistant Professor (SS) & HOD (i/c) of Mathematics seconded the motion.

The motion was passed unanimously.

32. The Boards of Studies of all the departments in the **School of Engineering** recommended the following and **Dr.(Mrs.) B.Sargunam, Professor and Dean (i/c), School of Engineering** moved the same:

a) Admission Eligibility criteria for all UG programmes and Integrated M.Tech programme in Engineering applicable from 2022-2023 & onwards as per AICTE Approval Process Handbook 2022-2023 (pages 89, 90 and 92) as given in Annexure 32.1 was ratified.

b) **Implementation of credit transfer for Professional Electives (UG& Integrated M.Tech.) & Program Elective (PG) for MOOC through SWAYAM-NPTEL for Engineering Programmes was approved.**
- Two MOOCs as an alternative to two Professional Electives before the end of 7th semester, through SWAYAM - NPTEL with 3 credits each of 12 weeks duration for B.E. programmes.
- Two MOOCs as an alternative to two Professional Electives before the end of 9th semester, through SWAYAM - NPTEL with 3 credits each of 12 weeks duration for Integrated M.Tech. programme.

- One MOOC as an alternative to one Program Elective before the end of 3rd semester, through SWAYAM - NPTEL with 3 credits of 12 weeks duration for M.E. programmes.

c) **Additional non-credit transfer for MOOC was approved.**
   - One additional MOOC can be opted from SWAYAM-NPTEL with 8 weeks duration, in addition to 165 credits and to be completed before the end of 7th semester with 2 credits for B.E. programmes.
   - Two additional MOOCs can be opted from SWAYAM-NPTEL with 8 weeks duration, in addition to 230 credits and to be completed before the end of 9th semester with 2 credits for Integrated M.Tech. programme.
   - One additional MOOC can be opted from SWAYAM-NPTEL with 8 weeks duration, in addition to 70 credits, and to be completed before the end of 3rd semester with 2 credits for M.E. programmes.

d) Credits allotted for MOOCs as per NPTEL guidelines was approved.

e) **Evaluation of MOOCs for B.E., Integrated M.Tech. and M.E. programmes applicable for the students admitted from 2021-2022 & onwards as given below were approved:**
   (i) **Credit transfer MOOC**

   - The students of B.E., Integrated M.Tech. and M.E. programmes have to score a minimum of 50% marks in NPTEL Examination as per the University norms, even though NPTEL declares 40% as minimum pass. If they fail to score 50% marks and do not complete the course till VII, IX and III semesters respectively or if the results are not announced by NPTEL before the completion of Comprehensive Examination of the Institute, the students may be permitted to appear for an in-house Comprehensive Examination conducted by the Institute at the end of the VII, IX and III semesters respectively for the course title already enrolled in NPTEL. In case of failure in the in-house examination, they may be permitted to appear for in-house arrear examination.

   (ii) **Additional MOOC (non-credit transfer MOOC)**

   - If a student does not complete the additional MOOC enrolled in SWAYAM- NPTEL till VII semester for B.E., IX semester for Integrated M.Tech. and III semester for M.E., an in-house examination will be conducted at the end of VII semester for B.E. programme, at the end of IX semester for Integrated M.Tech. programme and at the end of III semester for M.E. programme (Corrected as per suggestions).

f. Evaluation and Certification of In-house examination as detailed below was approved:

   - The question paper pattern for in-house examination(**100% CE paper)** will be:
     - Part A (MCQs, fill in the blanks, true or false) – 25 questions * 1 mark each = 25
     - Part B (Descriptive) – 5 questions * 2 marks   = 10
     - Part C (Descriptive) – 3 questions * 5 marks   = 15
                                                Total   = 50
     - Total 50 marks will be converted to 100 Marks

- Duration of the examination will be 3 hours
- Questions will be based on the published assignments for the particular course and the course content of NPTEL.
- Certificate will be given for the in-house examination by the Institute

If the NPTEL results are announced for the course in which the student has enrolled, after conducting the in-house examination by the institute, the score of in-house examination only will be considered.

Mr.K.N. Visveswaran suggested to change the semesters for Additional MOOC Courses (non-credit transfer).

Dr. (Mrs.) V. Radha, Professor (CAS), Department of Computer Science seconded the motion.

The motion was passed unanimously.

33. The Board of Studies in **Biomedical Instrumentation Engineering** at its meeting held on **04.07.2022** 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 Scheme of Instruction and Examination with the **inclusion of two SWAYAM NPTEL MOOCs** with 3 credits each and by deleting the following courses from the Professional Elective list offered during VII semester as credit transfer, applicable for **B.E Biomedical Instrumentation Engineering** students admitted from the academic year 2021-2022 & onwards as given in Annexure 33.1 was approved:

Course Code	Course Title	Professional Elective (PE1/PE2)
21BEBE13	Artificial Intelligence in Healthcare	Elective V (PE1)
21BEBE14	Machine Learning Techniques	
21BEBE15	Software Design Tools for Sensing and Control	
21BEBE33	Intellectual Property Rights	Elective V (PE2)
21BEBE34	Artificial Intelligence in Healthcare	
21BEBE35	Electronics for Sensor Design	
21BEBE16	Pattern Recognition and Neural Networks	Elective VI (PE1)
21BEBE17	Internet of Things in Medicine	
21BEBE18	Foundation Skills in Integrated Product Development	
21BEBE36	Multimedia Compression and Networks	Elective VI (PE2)
21BEBE37	Biostatistics	
21BEBE38	Foundation Skills in Integrated Product Development	

b. The revised Scheme of Instruction and Examination with the **inclusion of one SWAYAM NPTEL MOOCs** with 3 credits and by deleting the following courses from the Program Elective list offered during III semester as credit transfer, applicable for **M.E Medical Electronics** students admitted from the academic year 2021-2022 & onwards as given in Annexure 33.2 was approved:

Course Code	Course Title	Program Elective
21MEME51	Artificial Intelligence in Healthcare	
21MEME52	Telehealth Technology	Program Elective-V
21MEME53	Biological Effects of Ionizing and Non-ionizing Radiations	

Dr. (Mrs.) S. Gayathri Devi, Professor, Department of Biochemistry, Biotechnology & Bioinformatics seconded the motion.

The motion was passed unanimously.

34. The Board of Studies in **Civil Engineering** at its meeting held on **04.07.2022** recommended the following and the Chairperson of the Board of Studies in Civil Engineering **Dr.(Mrs.) R.Nithya** moved the same:

a. The following Specialisation papers applicable for Ph.D. scholars in **Civil Engineering** admitted in January, 2022 as given in Annexure 34.1 were approved:
   21PHCVE3A Advanced Environmental Engineering (Full time) and
   21PHCVE3B Structural Mechanics of Composite Materials (Part time)

b. The revised Scheme of Instruction and Examination with the **inclusion of two SWAYAM NPTEL MOOCs** with 3 credits each by deleting the following courses from the Professional Elective list offered during VII semester as credit transfer, applicable for **B.E Civil Engineering with Computer Application** students admitted from the academic year 2021-2022 & onwards as given in Annexure 34.2 was approved:

Course code	Course Title	Professional Elective (PE1/PE2)
21BEVE08	Repair and Rehabilitation of Structures	Elective II and Elective III (PE1)
21BEVE09	Computer Aided Design of Structures	Elective IV, Elective V and Elective VI (PE1)
21BEVE11	Tall Buildings	
21BEVE16	Instrumentation and Sensor Technologies for Civil Engineering Applications	
21BEVE26	Air Pollution Management	Elective II and Elective III (PE2)
21BEVE27	Municipal Solid Waste Management	
21BEVE29	Water Resources Systems Analysis	
21BEVE32	Pavement Engineering	Elective IV, Elective V and Elective VI (PE2)
21BEVE36	Construction Planning and Scheduling	
21BEVE37	Infrastructure for SMART City Planning	
21BEVE38	Urban Geoinformatics	
21BEVE39	Geology and Geoinformatics	
21BEVE40	Earthquake Geotechnical Engineering	
21BEVE42	Computer Application in Construction Management	
21BEVE43	3DPrinting and Design	

Dr.(Mrs.)G.Victoria Naomi, Dean, School of Education seconded the motion.

The motion was passed unanimously.

35. The Board of Studies in **Computer Science and Engineering** at its meeting held on **04.07.2022** recommended the following and the Chairperson of the Board of Studies in Computer Science and Engineering **Dr.(Mrs.) S. Sivakumari** moved the same:

a. The following Specialisation papers applicable for Ph.D. Part-time scholars in **Computer Science and Engineering** admitted in January, 2022 as given in Annexure 35.1 were approved:

> **21PHCSE3A Machine Learning for Data Science**
> **21PHCSE3B Medical Image Processing**
> **21PHCSE3C Deep Learning Techniques** and
> **21PHCSE3D Sentiment Analysis & Applications**

b. The revised Scheme of Instruction and Examination with the **inclusion of two SWAYAM NPTEL MOOCs** with 3 credits each by deleting the following courses from the Professional Elective list offered during VII semester as credit transfer, applicable for **B.E Artificial Intelligence and Data Science** students admitted from the academic year 2021-2022 & onwards as given in Annexure 35.2 was approved:

Course code	Course Title	Professional Elective (PE1/PE2)
21BEAE13	Speech Processing	Elective – V (PE1)
21BEAE14	Robotics and Intelligent Systems	
21BEAE15	Industrial AI	
21BEAE33	R for Data Science	Elective – V (PE2)
21BEAE34	Data Visualization	
21BEAE35	Data Analytics & Scalable Algorithms	
21BEAE16	AI in Cyber Security	Elective – VI (PE1)
21BEAE17	Reinforcement Learning	
21BEAE18	Autonomous systems and Drones	
21BEAE36	Knowledge Engineering and Data Science	Elective – VI (PE2)
21BEAE37	Wearable Computing	
21BEAE38	Information Security	

c. The revised Scheme of Instruction and Examination with the **inclusion of two SWAYAM NPTEL MOOCs** with 3 credits each by deleting the following courses from the Professional Elective list offered during VII semester as credit transfer, applicable for **B.E Computer Science and Engineering** students admitted from the academic year 2021-2022 & onwards as given in Annexure 35.3 was approved:

Course code	Course Title	Professional Elective
21BEOE13	E-Commerce	Elective – V (PE1)
21BEOE14	Natural Language Processing	
21BEOE15	Cloud Security	
21BEOE33	Cloud Data Management	Elective – V (PE2)
21BEOE34	Quantum Computing	
21BEOE35	Reinforcement Learning	
21BEOE16	Text Mining	Elective – VI (PE1)
21BEOE17	Business Intelligence	
21BEOE18	UI/UX Design	
21BEOE36	Data Visualization Techniques	Elective – VI (PE2)
21BEOE37	Wearable Computing	
21BEOE38	Data Storage Technologies	

d. The revised Scheme of Instruction and Examination with the **inclusion of one SWAYAM NPTEL MOOCs** with 3 credits by deleting the following courses from the Program Elective list offered during III semester as credit transfer, applicable for **M.E Data Science** students admitted from the academic year 2021-2022 & onwards as given in Annexure 35.4 was approved:

Course code	Course Title	Program Elective
21MEDE51	Big Data Security	Program Elective-V
21MEDE52	Streaming Analytics	
21MEDE53	Computer Vision	

Dr.(Mrs.) G.Padmavathi, Dean, School of Physical Sciences and Computational Sciences seconded the motion.

The motion was passed unanimously.

36. The Board of Studies in **Electronics and Communication Engineering** at its meeting held on **04.07.2022** recommended the following and the Chairperson of the Board of Studies in Electronics and Communication Engineering, **Dr. (Mrs.) B. Sargunam** moved the same:

a. Specialisation paper **21PHELE3C Medical Image Processing** applicable for Ph.D. Part time scholar in **Electronics and Communication Engineering** admitted in January 2022 as given in Annexure 36.1 was approved.

b. The revised Scheme of Instruction and Examination with the **inclusion of two SWAYAM NPTEL MOOCs** with 3 credits each by deleting the following courses from the Professional Elective list offered during VII semester as credit transfer, applicable for **B.E Electronics and Communication Engineering** students admitted from the academic year 2021-2022 & onwards as given in Annexure 36.2 was approved:

Course code	Course Title	Professional Elective (PE1/PE2)
21BELE13	VLSI for Wireless Communication	Elective – V (PE1)
21BELE14	Low Power VLSI Design	
21BELE15	Robotics and Machine Vision	
21BELE33	Parallel and Distributed Computing	Elective – V (PE2)
21BELE34	High Speed Networks	
21BELE35	Modbus Protocols and Programming	
21BELE16	Satellite and Radar Systems	Elective – VI (PE1)
21BELE17	Digital Switching and Transmission	
21BELE18	Multimedia Compression and Communication	
21BELE36	SDN and NFV for IoT	Elective – VI (PE2)
21BELE37	Cyber Security	
21BELE38	RFID and Microcontrollers for IoT	

c. The revised Scheme of Instruction and Examination with the **inclusion of two SWAYAM NPTEL MOOCs** with 3 credits each by deleting the following courses from the Professional Elective list offered during IX semester as credit transfer, applicable for **Integrated M.Tech. Electronics and Communication Engineering (Internet of Things)** students admitted from the academic year 2021-2022 & onwards as given in Annexure 36.3 was approved:

Course code	Course Title	Professional Elective (PE1/PE2)
20MEIE16	Nano and Flexible Electronics	Elective – IX (List of Professional Electives (VII and IX Semester))
20MEIE17	Embedded Control Systems	
20MEIE18	Cyber Security	
20MEIE19	SDN and NFV for IoT	Elective –X (List of Professional Electives (VII and IX Semester))
20MEIE20	RFID and Microcontrollers for IoT	
20MEIE21	Cyber Physical Systems and Networked Physical Systems	

d. The revised Scheme of Instruction and Examination with the **inclusion of one SWAYAM NPTEL MOOC**s with 3 credits by deleting the following courses from the Program Elective list offered during III semester as credit transfer, applicable for **M.E. Embedded System and VLSI** students admitted from the academic year 2021-2022 & onwards as given in Annexure 36.4 was approved:

Course code	Course Title	Program Elective
21MEEE51	High Speed VLSI	
21MEEE52	Embedded Control Systems	Program Elective-V
21MEEE53	VLSI Testing	

Dr. (Mrs.) S. Sivakumari, Professor & HOD of Computer Science and Engineering seconded the motion.

The motion was passed unanimously.

37. The Board of Studies in **Food Processing and Preservation Technology** at its meeting held on **04.07.2022** 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. Specialisation paper **21PHFTE3B Non Destructive Methods in Quality Evaluation of Foods** applicable for Ph.D. Full time scholar in **Food Technology** admitted in January, 2022 as given in Annexure 37.1 was ratified.

b. The revised Scheme of Instruction and Examination with the **inclusion of two SWAYAM NPTEL MOOCs** with 3 credits each by deleting the following courses from the Professional Elective list offered during VII semester as credit transfer, applicable for **B.E Food Processing and Preservation Technology** students admitted from the academic year 2021-2022 & onwards as given in Annexure 37.2 was approved:

Course code	Course Title	Professional Elective (PE1/PE2)
21BEFE05	Extrusion Technology	Elective – V (PE1)
21BEFE06	Milling Technology for Food Materials	
21BEFE20	Snack Food Technology	Elective – V (PE2)
21BEFE25	Genetically Modified Foods	
21BEFE26	Sensors for Food Technology	
21BEFE27	Radiation in Food Processing	
21BEFE08	Post-Harvest Technology	Elective – VI (PE1)
21BEFE14	Sensory Evaluation of Foods	
21BEFE31	Rheology and Texture Analysis of foods	Elective – VI (PE2)
21BEFE33	Creativity, Innovation and New Product Development	
21BEFE34	Lean Manufacturing for Food industries	
21BEFE36	Hurdle Technology	

c. The revised Scheme of Instruction and Examination with the **inclusion of one SWAYAM NPTEL MOOC**s with 3 credits by deleting the following courses from the Program Elective list offered during III semester as credit transfer, applicable for **M.E Food Technology** students admitted from the academic year 2021-2022 & onwards as given in Annexure 37.3 was approved:

Course code	Course Title	Program Elective
21MEFE11	Drying Technology	Program Elective-I, III and V
21MEFE32	Flavour, Spices and Plantation Products	
21MEFE52	Food Process Design and Layout	

d. Qualification for Faculty recruitment in the department of **Food Processing and Preservation Technology** as given below was approved:

PG Degree	ME/M.Tech. in Food Processing/Food Engineering/ Food and Agricultural Process Engineering / Agricultural Process Engineering/ Agricultural Processing/Food Technology/ Food Science & Technology / Agricultural Engineering/ Food and Dairy Engineering/Dairy Engineering/ Dairy Technology /Post Harvest Technology/ Post Harvest Engineering/ Post Harvest Process and Food Engineering/ Biochemical Engineering/ Food & Bioprocess Engineering/ Food Process Engineering and Management/ Nano Technology /Food Process Engineering/Food Biotechnology/ Industrial Biotechnology/ Chemical Engineering/Nanotechnology/Refrigeration and Air conditioning/ CAD CAM Engineering/ Industrial Biotechnology / Food and Nutritional Biotechnology/ Mechanical Engineering or a combination of any of these or specialization (www.niftem.ac.in)(www.icar.org.in) (www.aicte.ac.in)
Ph.D.	Ph.D. degree in the relevant field and first class or equivalent at either Bachelor's or Master's level in the relevant branch (www.niftem.ac.in) (www.icar.org.in) (www.aicte.ac.in).

Dr. (Mrs.) A. Thirumani Devi, Professor, Department of Food Science & Nutrition seconded the motion.

The motion was passed unanimously.

38. The Board of Studies in **Printing Technology** at its meeting held on **04.07.2022** recommended the following and the Chairperson of the Board of Studies in Printing Technology **Dr.(Mrs.) TKS Lakshmi Priya** moved the same:

a. Specialisation paper **21PHPTE3A Advanced Packaging Technology** applicable for Ph.D. Part time scholar in **Printing Technology** admitted in January, 2022 as given in Annexure 38.1 was approved.

b. The revised Scheme of Instruction and Examination with the **inclusion of two SWAYAM NPTEL MOOCs** with 3 credits each by deleting the following courses from the Professional Elective list offered during VII semester as credit transfer, applicable for **B.E Printing Technology** students admitted from the academic year 2021-2022 & onwards as given in Annexure 38.2 was approved:

Course code	Course Title	Professional Elective (PE1/PE2)
21BEPE13	Marketing Management	Elective – V (PE1)
21BEPE14	Newspaper and Periodical Publishing	
21BEPE15	Electronic Publishing	
21BEPE16	Print Operation Management	Elective – V (PE2)
21BEPE17	Display and Signage Printing	
21BEPE18	Health Care Packaging	
21BEPE33	Entrepreneurship Development,	Elective – VI (PE1)
21BEPE34	Sustainable Manufacturing	
21BEPE35	Lean Six Sigma	
21BEPE36	Mass Communication	Elective – VI (PE2)
21BEPE37	Reliability Engineering	
21BEPE38	Safety Engineering and Management	

Dr.(Mrs.) K.Kalaiarasi, Associate Professor & HOD of Textiles & Clothing seconded the motion.

The motion was passed unanimously.

39. The Board of Studies in **B.Voc. Food Processing and Engineering** & **B.Voc. Medical Equipment Technology** at its meeting held on 04.07.2022 recommended the following and the Chairperson of the Board of Studies in Biomedical Instrumentation Engineering **Dr. (Mrs.) Judith Justin** moved the same:

    a) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Voc. Medical Equipment Technology** from the academic year 2021-2022 and onwards was approved.

       (ii) The following aspects applicable for **B.Voc. Medical Equipment Technology** students admitted from the academic year 2021-2022 and onwards as given in Annexure 39.1 were approved:
- The revised contents of the following courses:

Course code	Course title
21VMTC02	Fundamentals of Biomedical Instrumentation
21VMTS01	Skill Training in Industry - I
21VMTS02	Skill Training in Industry - II
21VMTC08	Electrotherapy and Physiotherapy Equipment
21VMTS04	Skill Training in Hospital - I
21VMTS06	Skill Training in Hospital - II
21VMTS07	Troubleshooting of Medical Equipment
21VMTS08	Skill Training in Hospital - III
21VMTS11	Skill Training in Hospital - IV

- Introduction of the following courses:

Course code	Course title
21VMTC07	Diagnostic and Therapeutic Equipment
21VMTS03	Hospital Standards and Policies
21VMTC10	Hospital Information System
21VMTS05	Quality in Healthcare
21VMTS10	Testing, Calibration and Maintenance of Medical Equipment

- Deletion of the following courses:

Course code	Course title
21VMTC08	Medical therapeutic Equipment
21VMTS03	PCB Designing
21VMTS05	PCB Fabrication and Testing
21VMTS10	Troubleshooting of Medical Equipment - II

b) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Voc. Medical Equipment Technology** from the academic year 2022-2023 and onwards was approved.

(ii) The following aspects applicable for **B.Voc. Medical Equipment Technology** students admitted from the academic year 2022-2023 and onwards as given in Annexure 39.2 were approved:

- Introduction of 22VMTC05 - Concept of Health and Medical Terminology.
- Deletion of 22VMTC05 - Sensors and Measurements
- Inclusion of Course Outcomes and CO-PO mapping for courses offered during 1st to 6th Semester.

c) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Voc. Food Processing and Engineering** from the academic year 2021-2022 and onwards was approved.

(ii) The following aspects applicable for **B.Voc. Food Processing and Engineering** students admitted in the academic year 2020-2021 as given in Annexure 39.3 were approved:

- Deletion of the following courses:
    20VFPC15 - Convenience Foods and New Product Development and
    20VFPS10 - Techniques in Food Quality Analysis

- Introduction of the following Courses:
    21VFPC15 – Principles of Nutrition and
    21VFPS10 – Diet Therapy

- The revised Scheme of Instruction and Examination.

Dr.(Mrs.) D. Shanmugapriya, Assistant Professor & HOD of Information Technology seconded the motion.

The motion was passed unanimously.

40. The Board of Studies in the **School of Allied and Healthcare Sciences** at their meetings held on **29.04.2022** and **04.07.2022** recommended the following and the Chairperson of the Board of Studies in the School of Allied and Healthcare Sciences **Dr.(Mrs.)G.Victoria Naomi** moved the same:

a) (i) Introduction of **Bachelor of Optometry (B.Optom)** Programme from the academic year 2022-2023 & onwards was approved.

   (ii) Introduction of the following aspects applicable for **Bachelor of Optometry (B.Optom)** students admitted from the academic year 2022-2023 and onwards as given in Annexure 40.1 were approved:
   - The Conceptual Framework of Curriculum
   - Programme Outcomes and Programme Specific Outcomes
   - Scheme of Instruction and Examination and
   - Syllabi with the inclusion of Course Outcomes and CO-PO mapping for 1st and 2nd semester.

b) (i) Introduction of **Bachelor in Audiology and Speech Language Pathology (BASLP)** Programme from the academic year 2022-2023 & onwards was approved.

   (ii) Introduction of the following aspects based on the RCI (Rehabilitation Council of India) syllabus applicable for **Bachelor in Audiology and Speech Language Pathology (BASLP)** students admitted from the academic year 2022-2023 and onwards as given in Annexure 40.2 were approved:

   - The Conceptual Framework of Curriculum
   - Programme Outcomes and Programme Specific Outcomes
   - Scheme of Instruction and Examination and
   - Syllabi with the inclusion of Course Outcomes and CO-PO mapping for 1st and 2nd semester.

   (iii) Introduction of Value Added Course **22BASV01 Identification of Speech and Hearing Disorder** during 3rd semester as given in Annexure 40.3 was approved.

c) (i) Introduction of **Bachelor of Physiotherapy (BPT)** Programme from the academic year 2022-2023 & onwards was approved.

   (ii) Introduction of the following aspects applicable for **Bachelor of Physiotherapy (BPT)** students admitted from the academic year 2022-2023 and onwards as given in Annexure 40.4 were approved:

   - The Conceptual Framework of Curriculum
   - Programme Outcomes and Programme Specific Outcomes
   - Scheme of Instruction and Examination

- Syllabi with the inclusion of Course Outcomes and CO-PO mapping for 1st and 2nd semester and
- Inclusion of **22BXWE01-22BXWE06 Workstation Ergonomics** as Extra-Curricular Course under Part IV Component.

(iii) Introduction of Value Added Course **22BPTV01 Health and Fitness** during 3rd semester as given in Annexure 40.5 was approved.

d) (i) Introduction of **M.Sc. Clinical Embryology** Programme from the academic year 2022-2023 & onwards was approved.

(ii) Introduction of the following aspects applicable for **M.Sc. Clinical Embryology** students admitted from the academic year 2022-2023 and onwards as given in Annexure 40.6 were approved:

- The Conceptual Framework of Curriculum
- Programme Outcomes and Programme Specific Outcomes
- Scheme of Instruction and Examination and
- Syllabi with the inclusion of Course Outcomes and CO-PO mapping for 1st and 2nd semester.

e) (i)Shifting of **M.Sc. Clinical Psychology** Programme (Offered by the department of Psychology) from the School of Arts and Social Sciences to the **School of Allied and Healthcare Sciences** (to the Department of Clinical Psychology) applicable for students admitted from the academic year 2022-2023 & onwards was ratified.

(ii) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **M.Sc. Clinical Psychology** from the academic year 2022-2023 and onwards was approved.

(iii) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 1st to 4th semester applicable for **M.Sc. Clinical Psychology** students admitted from the academic year 2022-2023 and onwards as given in Annexure 40.7 was approved.

f) (i)Shifting of **B.Sc. Physician Assistant** Programme from the School of Biosciences to the **School of Allied and Healthcare Sciences** applicable for students admitted from the academic year 2022-2023 & onwards was ratified.

(ii) The following revisions applicable for **B.Sc. Physician Assistant** students admitted from the academic year 2022-2023 & onwards as given in Annexure 40.8 were approved:

- Conceptual Framework of Curriculum
- Deletion of Language I – Tamil offered during 1st semester
- Introduction of DSE – I 22BPAD01 Computer Application for Digital Health in the place of 21BPAD01 Computer Application for Paramedics.
- Introduction of 22BPAC05 Human Genetics
- The revised Scheme of Instruction and Examination and

- The revised code number of all the courses, Value Added Course – 22BPAV01 First Aid Practicum and Medial Camp 22BXMC01-22BXMC06.

The Chairperson of the Academic Council informed about the launching of School of Allied and Healthcare Sciences and the programmes offered under that school.

The Controller of Examinations enquired the reason for deleting the Language - Tamil.

Mr.K.N.Visveswaran suggested to offer local language courses for Physician Assistant students during third year, which would be helpful for the students to take care of the patients in hospitals.

The Chairperson of the Academic Council accepted the suggestions to discuss on the same in the next Boards of Studies.

Dr.(Mrs.) M.Manonmani, Dean, School of Arts and Social Sciences seconded the motion.

The motion was passed unanimously.

41. The **Examination Reforms Committee Meetings** held on 12.05.2022 and 22.06.2022 recommended the following and the Controller of Examinations (i/c) **Dr.K.Manimozhi** moved the same:

1. **Reduction in the number of panel of examiners for Ph.D. thesis valuation was ratified.**

   Since it is very difficult to get 6 Foreign and 6 Indian Examiners, the Examination Reforms Committee members approved to reduce the number of panel examiners 4 instead of 6 members and also newly introduced 3 recent research publications (articles in indexed and refereed journals) (within 7 years) for each experts have to be submitted along with the panel of examiners for the Ph.D thesis valuation. The same was implemented with effect from 01.07.2022 and onwards.

2. **Implementation of moderation level as per UGC regulations was ratified.**

   As per UGC regulations, moderation may be applied in case of large number of fail grades or high grades, or when large numbers of students who have received the same grade or clustering of students on letter grades, or when there are discrepancies between grades allocated to individual students in different courses, or to find out the difficulty level of the question paper or whether the assessments modes used cover the entire syllabus or not. Based on UGC guidelines **moderation levels had been applied from the even semester examination of 2021 – 2022 and onwards.** Based on the question paper feedback received from the students and subject handling teachers and large number of failures (more than 60%), subject-wise moderation was applied.

3. **Conducting In-house examination for the Engineering students who have not completed NPTEL Courses was ratified.**

   Considering the Student's higher studies and career opportunities it was decided to conduct the In-house examination for the B.E Students of 2018 batch and M.E Students of 2020 batch (total: 23 students) in June 2022 for the NPTEL course in which students have enrolled.

4. **For the Part IV Components** (Ability Enhancement, Co-curricular, Value Added Courses, Professional certification, MOOC courses and Audit courses) presently two different range of marks are followed in the consolidated mark sheet, which leads to confusion in mark entry and calculation. Hence applying common range of marks for all Part IV Components applicable for students admitted from the academic year 2022-2023 and onwards was approved.

Dr.K.S.Pushpa enquired on the setting up of question papers & evaluation. The Controller of Examinations i.c. explained the same.

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

The Chairperson of the Academic Council **Dr. (Mrs.) V.Bharathi Harishankar** moved that:

The list of Subject Experts for Selection Committee, Boards of Studies, Question paper setting, Valuation for Theory and Practical Examination for all the departments as given in Annexure 42.1 was approved.

43. The **Interdisciplinary Board Meeting** held on **08.08.2022** recommended the following and the **Chairperson of the Academic Council Dr. (Mrs.) V.Bharathi Harishankar** moved the same:

a) (i) The revised contents and title of Co-curricular course 21BSCWS1- Gender and Empowerment and offering as **22BSCWS1** - **Gender Equality and Empowerment of Women** during 4th semester, applicable for Undergraduate students admitted from the academic year 2021-2022 and onwards as given in Annexure 43.1 was approved.

(ii) The revised contents of Co-curricular course 21BDCWS1 - Gender and Education and offering as **22BDCWS1** - **Gender and Education** during 4th semester, applicable for B.Ed. and B.P.Ed. students admitted from the academic year 2021-2022 and onwards as given in Annexure 43.2 was approved.

(ii) The revised contents and title of Co-curricular course 21BECWS1 - Gender , Technical Education & Employment and offering as **22BECWS1 - Women Empowerment Perspective in the Current Scenario** during 6th semester, applicable for Bachelor of Engineering students admitted from the academic year 2020-2021 and onwards as given in Annexure 43.3 was approved.

(iii) Introduction of the syllabi for Generic Elective course **22BAIO01 - Fundamentals of Artificial Intelligence and Internet of Things** and offering during 5th semester, applicable for the Undergraduate students admitted from the academic year 2021-2022 and onwards as given in Annexure 43.4 was approved.

(iv) The revised contents and code number of the following Ability Enhancement Courses as given in Annexure 43.5 were approved:
- **22BSCS01 – Communication Skills** and **22BSSS01 – Soft Skills** offered during 5th and 6th semester respectively for Undergraduate students admitted from the academic year 2020-2021 & onwards.
- **22BDCS01 – Communication Skills** and **22BDSS01 – Soft Skills** offered during 1st and 2nd semester respectively for B.Ed. and B.P.Ed. students admitted from the academic year 2022-2023 & onwards.

- **22BESS01 – Soft Skills** offered during 5th semester for B.E. students admitted from the academic year 2020-2021 & onwards.
- **22BECS01 – Communication Skills** and **22BESS01 – Soft Skills** offered during 4th and 5th semester respectively for B.E. students admitted from the academic year 2021-2022 and onwards.

Dr. (Mrs.) T.K.S. Lakshmipriya, Professor and HOD of Printing Technology seconded the motion.

The motion was passed unanimously.

44. **Increase in the Students Intake Capacity for certain programmes during the academic year 2022-2023**

The Chairperson of the Academic Council **Dr. (Mrs.) V.Bharathi Harishankar** moved the increase in the students intake capacity for certain programmes during the academic year 2022 - 2023:

a) Considering the demand for certain courses, the increase in the admission intake capacity for the following courses during the current academic year 2022-2023 was ratified:

Undergraduate – Aided Programmes – 2022-2023

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

Sl. No	Name of the Course	Sanctioned Strength	OC	Non-Quota	CBSE/Others	EWS	OBC	SC	ST
14.	B.Sc. Zoology	50+ 5 Extra	10 / 3	5 / -	5 / -	5 / -	14 / 1	7 / 1	4 / -
15.	B.Sc. Botany	50+ 5 Extra	10 / 3	5 / -	5 / -	5 / -	14 / 1	7 / 1	4 / -
16.	B.Sc. Computer Science	50+ 10 Extra	10 / 6	5 / -	5 / -	5 / 1	14 / 2	7 / 1	4 / -
17.	B.Sc. Psychology	50+ 5 Extra	10 / 3	5 / -	5 / -	5 / -	14 / 1	7 / 1	4 / -
18	B.Sc. Visual Communication	30+ 5 Extra	7 / 3	- / -	5 / -	3 / -	8 / 1	5 / 1	2 / -
19	B.Com	50+ 10 Extra	10 / 6	5 / -	5 / -	5 / 1	14 / 2	7 / 1	4 / -
20	B.Com Professional Accounting	50+ 10 Extra	10 / 6	5 / -	5 / -	5 / 1	14 / 2	7 / 1	4 / -
21	B.Sc., Physical Education	30 + 5 Extra	7 / 3	- / -	5 / -	3 / -	8 / 1	5 / 1	2 / -
22	B.B.A. Tourism	40 + 5 Extra	11 / 3	- / -	5 / -	4 / -	11 / 1	6 / 1	3 / -
23	B.Sc. Biochemistry and Biotechnology	50+ 10 Extra	10 / 6	5 / -	5 / -	5 / 1	14 / 2	7 / 1	4 / -
24	B.Sc. Rural Development and Sociology	40+ 5 Extra	11 / 3	- / -	5 / -	4 / -	11 / 1	6 / 1	3 / -
25	B.Sc. Special Education and Mathematics	30+	7	-	5	3	8	5	2
26	B.Voc. Food Processing & Engineering	50	20	-	-	5	14	7	4
27	B.Voc. Medical Equipment Technology	50	20	-	-	5	14	7	4
28	B.Voc. Textile Dyeing and Printing	50	20	-	-	5	14	7	4
29	B.Voc. Artificial Intelligence and Machine Learning	50	20	-	-	5	14	7	4

Undergraduate- Self-financed Programmes- 2022-2023

Sl. No	Name of the Course	Sanctioned Strength	Classification of Category	OC(40.5%)			EWS 10%	OBC 27%	SC 15%	ST 7.5%
				OC	Non - Quota	CBSE / Others				
Campus- I										
1.	B.Sc. Information Technology	50+ 10 Extra	Reserved : 25 MQ : 25	11	- 25	-	2	7	4	1
2.	B.Com Computer Applications	50+ 5 Extra	Reserved : 25 MQ : 25	11 -	- 25	- -	2	7	4	1
Campus- II										
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

Sl. No	Name of the Course	Sanctioned Strength	Classification of Category	OC	Non-Quota	CBSE/Others	EWS 10%	OBC 27%	SC 15%	ST 7.5%
3	B.Com., Commerce	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
9	BBA (Retail Management)	60	Reserved : 30 MQ : 30	12 -	- 30	- -	3	8	5	2
10	B.Com (Corporate Secretaryship)	60	Reserved : 30 MQ : 30	12 -	- 30	- -	3	8	5	2

School of Allied and Healthcare Sciences
Undergraduate- Self-financed Programmes- 2022-2023

Sl. No	Name of the Course	Sanctioned Strength	Classification of Category	OC(40.5%)			EWS 10%	OBC 27%	SC 15%	ST 7.5 %
				OC	Non - Quota	CBSE/ Others				
Campus- I										
1.	B.Sc. Physician Assistant	60+ 10 Extra	Reserved : 30 MQ : 30	12 -	- 30	- -	3	8	5	2
2.	Bachelor in Audiology and Speech language Pathology	20	Reserved : 10 MQ : 10	4 5	- 5	- -	1 -	3 -	1 -	1 -
3	Bachelor of Physiotherapy	30	Reserved : 15 MQ :15	6 -	- 15	- -	1	4	3	1
4	Bachelor of Optometry	20	Reserved : 10 MQ : 10	4 5	- 5	- -	1 -	3 -	1 -	1 -

Dr.(Mrs.)P.Lalitha, Director (i/c), Research & Development seconded the motion.

The motion was passed unanimously.

45. The **Research Advisory Committee** meetings held on 10.03.2022 and 12.08.2022 recommended the following and Director (i/c), Research & Development **Dr.(Mrs.) P.Lalitha** moved the same:

Ph.D. Guideship to Faculty members
- It was resolved to recommend the guideship to permanent faculty and co-guideship to temporary faculty as per UGC regulations.
- It was resolved to recommend the approval of the guideship request of 23 faculty members (**Annexure 1**) who have applied with evidence for recognition as Research Supervisor based on the norms adopted unanimously by members of the RAC.

- It was resolved to have a minimum of one publication in UGC-CARE/ SCI /SSCI according to the relevant discipline as a requirement for guideship for Faculty members and two publications in peer-reviewed journals.
- Regarding guideship for the faculty of Visual Communication Department policy decision was recommended.

Conversion of Part- time to Full time and Vice-versa
- It was resolved to increase the Full-time scholars in the ratio of 75:25%.If Part-time scholars are increased, justification is needed. It was resolved to gradually implement the ratio in the forthcoming years to maintain the balance of FT:PT ratio.
- Policy decision to be taken in the case of interdisciplinary Ph.D degree.

Biometric System

The Research Advisory Committee members unanimously decided on extending the existing biometric system to Ph.D. scholars too. This was implemented from June 2022.

Charging of discontinuation fee
- It was resolved to recommend framing norms for refunding the amount to the scholar in case of discontinuation from the programme. The details have to be incorporated in the Prospectus.
- If the scholar has not attended classes, Rs.1000 of the paid fees to be deducted
- If the scholar has attended classes less than or equal to 15 days, 50% of the paid fees will be refunded
- If the scholar has attended classes more than a month, caution deposit alone will be refunded.

Amendment to the prevention of Plagiarism policy of the Institute

- It was resolved to recommend taking disciplinary action against scholars and supervisors involved in acts of plagiarism, fake publications and other misconduct in research (According to UGC (PROMOTION OF ACADEMIC INTEGRITY AND PREVENTION OF PLAGIARISM IN HIGHER EDUCATIONAL INSTITUTIONS) REGULATIONS, 2018 New Delhi, the 23rd July, 2018 and Public notice on Self – plagiarism dt. 20th April,2020)**.**

Ph.D. Guideship

S. No	Name and Designation	Remarks
1.	Dr.P.Chitra Assistant Professor of Zoology	Permitted to Co-guide Ph.D in Zoology from July 2022 and onwards
2.	Dr.Mutum Silpa Devi Assistant Professor of Human Development	Permitted to guide Ph.D in Human Development from January 2020 and onwards. Advised to publish in UGC CARE/Indexed within a year. Guiding 4 scholars. Guiding from Jan 2021. Recommended to ratify in ACM and ratified.
3.	Dr.S.Akilandeswari Assistant Professor of Physical Education	Permitted to guide Ph.D in Physical Education from the Academic year 2021-2022 and onwards. Advised to publish in UGC CARE/Indexed within a year Guiding 2 scholars from January 2022. Recommended to ratify in ACM and ratified.

4.	Dr.K.V.Shalini Assistant Professor of BC,BT&BI	Permitted to Co-guide Ph.D in Biochemistry, Biotechnology and Bioinformatics from the Academic year 2021-2022 and onwards
5.	Dr.C.C.S.Vasundhara Assistant Professor of BC,BT&BI	Permitted to Co-guide Ph.D in Biochemistry, Biotechnology and Bioinformatics from the Academic year 2021-2022 and onwards. Advised to publish in UGC CARE/Indexed within a year
6.	Dr.G.Juliet Maria Flora Assistant Professor of Tamil	Permitted to Co-guide Ph.D in Tamil from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed and minimum one Book chapter in ISBN publication from a Nationally reputed publisher, within a year
7.	Dr.S.Meenakshi Assistant Professor of Extension Education	Permitted to Co-guide Ph.D in Extension Education from the Academic year 2021-2022 and onwards. Advised to publish in UGC CARE/Indexed within a year
8.	Dr.P.Kalaivani Assistant Professor of Extension Education	Time Lapse-one year and advised to publish in UGC CARE/Indexed within a year
9.	Dr.A.Divyapriya Assistant Professor of Special Education	Permitted to Co-guide Ph.D in Special Education from the Academic year 2021-2022 and onwards.
10.	Dr.K.Sujatha Assistant Professor of Food Science and Nutrition	Permitted to guide Ph.D in FSN from the Academic year 2021-2022 and onwards. Recommended to ratify in ACM and ratified.
11.	Dr.N.DeepaSathish Assistant Professor of Food science and Nutrition	Permitted to Co-guide Ph.D in FSN from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed journal within a year
12.	Dr.R.Shanthi Assistant Professor of Special Education	Time Lapse-one year and advised to publish in UGC CARE/Indexed journal within a year. Guiding a scholar from Jan,2022. Recommended to ratify in ACM and ratified.
13.	Dr.K.Sathiyabamavathy Assistant Professor of Tourism & Management	Permitted to Co-guide Ph.D in Tourism & Management from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed journal within a year
14.	Dr.Mary Glory Ponrani.M Assistant Professor of Physical Education	Permitted to Co-guide Ph.D in Physical Education from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed journal within a year
15.	Dr.F.Paulin Assistant Professor of Information Technology	Permitted to Co-guide Ph.D in Computer Science from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed journal within a year
16.	Dr.T.Jayamalar Assistant Professor of Information Technology	Permitted to guide Ph.D in Computer Science from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed journal within a year. Guiding from February 2022. Recommended to ratify in ACM and ratified.
17.	Dr.G.SakthiVigneswari Assistant Professor of Botany	Permitted to Co-guide Ph.D in Botany from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed journal within a year
18.	Dr.C.V.Kalpana Assistant Professor of Botany	Permitted to Co-guide Ph.D in Botany from the Academic year 2021-2022 and onwards.
19.	Dr.E. Indira Assistant Professor of Visual Communication	Permitted to guide Ph.D in Women's studies from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed journals within a year. No more candidates will be allotted in Women's studies. Guiding scholars from Jan 2022. Recommended to ratify in ACM and ratified.

20.	Dr.V. Jayashree Assistant Professor of Visual Communication	Permitted to guide Ph.D in Women's studies from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed journals within a year. No more candidates will be allotted in Women's studies. Guiding scholars from Jan 2022. Recommended to ratify in ACM and ratified.
21.	Dr.K.Sumathi Assistant Professor of Extension Education	Deferred. Not met the eligibility of 2 years service requirement
22.	Dr.A.Kalaivani Assistant Professor of Tamil	Permitted to Co-guide Ph.D in Tamil from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed and minimum one Book chapter in ISBN publication from a Nationally reputed publisher, within a year
23.	Dr.P.Nalinipriya Assistant Professor of Tamil	Permitted to Co-guide Ph.D in Tamil from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed and minimum one Book chapter in ISBN publication from a Nationally reputed publisher, within a year
24.	Dr.K S Bhavani Assistant Professor of Tamil	Permitted to Co-guide Ph.D in Tamil from the Academic year 2021-2022 and onwards. Advised to publish minimum one publication in UGC CARE/Indexed and minimum one Book chapter in ISBN publication from a Nationally reputed publisher, within a year
25.	Dr.S.Velvizhi Assistant professor of Biochemistry	Permitted to guide Ph.D in Biochemistry, Biotechnology and Bioinformatics from the academic year 2021-2022 and onwards
26.	Dr.SandhyaDurga Prasad Assistant Prof of Tourism	Deferred
27.	Dr.A.Vijayarani Associate Prof.of English	Permitted by Vice Chancellor as a special case and Supervisor Order sent on 24.06.2022. Recommended to ratify in ACM and ratified.

Special cases of M.Phil. and Ph.D. scholars with comments from RAC approved by the Academic Council

It was resolved to recommend the approval of the request of three Part-time scholars to Full- time Ph.D and 4 requests from Full-time Ph.D scholars to Part-time Ph.D. It was resolved to approve the request from Ms.Mohananithya to write a specialization paper owing to supervisor change. It was resolved to conduct an emergency DC meeting for considering the request of Dr.M.Kasthuri

S. No	Name	Supervisor	Programme	Request	REMARKS by RAC Members and VC's Comments
Part-time to Full time Ph.D					
1.	Aswini.S	Dr.P.Chitramani Professor and Dean of School of Commerce and Management	Business administration	Requisition for change of Part-time Ph.D. to Full-time	May be Permitted
2.	G.Nirmala Devi	Dr.R.Saravana Prabha	Physical Education	Part time to Full time	May be permitted
3.	S.Bhuvaneshwari	Dr.C.Antony Crispin Sweety	Mathematics	Part time to Full time	May be permitted
Full time to Part- time Ph.D					
4.	D.Arthi	Dr.LakshmiPriya	Computer Science and Engineering	Requisition for change of Full time Ph.D to Part time	May be Permitted as the scholar was already permitted to join as faculty in our institution

5.	JoyshreeAyekpam	Dr.N.Vasugi Professor and Dean of School of Home Science	Textiles and Clothing	Requisition for change of Full time Ph.D to Part time	May be Permitted as she is working in our T&C department
6.	M.Easwari	K.Kalavathi	Tamil	Full time to Part time as she got Govt. job in Police department	May be permitted
7.	K.Pooja	Dr.A.Reni	FPPT	Full time to part time	Scholar has already completed course work. She is also appointed in the dept and hence has requested for conversion
Request to write specialization paper					
8.	A.Mohananithya	Dr.R.Vanitha	English	Permission requested to write specialization paper as there is change of supervisor	Change of supervisor due to resignation of supervisor Dr.Vanitha. Based on consent letter from scholar and allotted supervisor, change was approved by Vice chancellor. Ratification sought
Transfer of candidate					
9.	Dr.Kasthuri Retd.Professor	-	Extension Education	Owing to health issues requesting transfer of two candidates- Ms.Malarmangai and Ms.Rani	Emergency DC meeting to be convened

It was resolved to approve the requests of faculties to register for Part-time Ph.D. programme

S. No	Name	Supervisor	Programme	Request	REMARKS by RAC Members and VC's Comments
1.	S.Sakthi Uma Maheswari	NA	Textiles and Clothing	Requisition to registering for PhD	May be Permitted as she has more than 2 year experience
2.	P.Ramya Assistant Professor Physician Assistant	NA	Physician Assistant	Requisition to registering for PhD	May be Permitted
3.	Sanmathi A.P	Dr.S.Gayathri Devi	Psychology	Request for Part time PhD	May be permitted as the faculty has given undertaking at the time of joining that she will register for Ph.D
4.	BuelaPhilomina.M	Dr N.V Amudha Devi	Psychology	Request for Part time PhD	May be permitted as the faculty has given undertaking at the time of joining that she will register for Ph.D

It was resolved to approve the requests of 29 research scholars for discontinuing from the Ph.D. Programme

S. No	Name	Supervisor	Programme	Request	REMARKS by RAC Members and VC's Comments
1.	M.Gaayathri	Dr.G.Padmavathi	Computer Science	Request to discontinue Ph.D. due to health reasons	May be Permitted
2.	M.S.Janarthini	Dr.N.S.Rajeswari	Physics	Request to discontinue Ph.D. due to health reasons	May be Permitted
3.	Ms.BoomiChauhan	Dr.V.T.Bindu	Tourism Management	Request to discontinue Ph.D. due to health reasons	May be Permitted
4.	JeffrinAyshaFathima.J	Dr.V.Saraswathy	Resource Management	Request to discontinue Ph.D. due to personal reasons	May be Permitted
5.	Remya.AV	Dr.J.Arthi	Business Administration	Request to discontinue Ph.D. due to personal reasons	May be Permitted
6.	A.Vennila Temporary, Teaching assistant, Commerce(SF)	Pursuing Ph.D in Bharathiar but registered here. Hence asked to discontinue	Commerce	Request to discontinue Ph.D. due to health reasons	May be Permitted
7.	K. Alice Daisy Rani	Dr.V.PremalaPriyadharsini	Women's studies	Request to discontinue Ph.D. due to health reasons	May be Permitted
8.	Sinta Varghese	Dr.RachelSylus	English	Discontinuing from Ph.D.	May be Permitted
9.	Ms.P.Alekhya	Dr.D.Sumathi	Resource Management	Discontinuing from Ph.D. due to family circumstances	May be Permitted
10.	K.SivaSankari		Physical Education	Discontinuation due to personal reasons	May be Permitted
11.	A.Sahana	Dr.K.Manimegalai	Zoology	Discontinuation due to personal problem	May be Permitted
12.	AngeleneJeffie Shinya	Dr.Vijaya	Business administration	Discontinuation due to additional responsibilities in her job	May be Permitted
13.	Keerthi Devi E	Dr.R.Prabha	Textiles and Clothing	Discontinuation due to family issues.	May be Permitted

14.	Sumana B.S	Dr.Vanithamani	ECE	Discontinuation due to health issues	May be Permitted
15.	Manimekalai M	Dr.Radha	Computer Science	Discontinuation due to personal reasons	May be Permitted
16.	Anbuvahini. N.A	Dr.P.HemaPrabha	Food processing and preservation technology	Discontinuation due to family reasons	May be Permitted
17.	Aparna Vijayan	Dr.G.Padmavathi	Computer Science	Discontinuation due to personal reasons	May be Permitted
18.	S.Karpagavalli	Dr.S.UmaMageshwari Professor and HoD of FSMD	Food Service Management and Dietetics	Request to discontinue Ph.D. due to health reasons	May be Permitted
19.	IshratYousuf	Dr.N.Vasuki	Education	Request to discontinue	May be Permitted
20.	P.Archana	Dr.A.Thirumani Devi	Food Science and Nutrition	Request to discontinue	May be Permitted
21.	Mrs.R.Karthika	Judith Justin	BMIE	Request to discontinue	May be Permitted
22.	N.Haripriya	Dr.V.Janakamayadevi	Music	Request to discontinue	May be Permitted
23.	R.Shruthi	Dr.P.A.Raajeswari	FSN	Request to discontinue	May be Permitted
24.	S.K.SriMonishaa	Dr.D.Jayanthi	Mathematics	Request to discontinue	May be Permitted
25.	S.Tabitha	Dr.D.Kavitha	Biochemistry	Request to discontinue	May be Permitted
26.	P.Vigneswari	Dr.S.Sivakumari	CSE	Request to discontinue	May be Permitted
27.	B.Aruna	Dr.Judith Justin	BMIE	Request to discontinue	May be Permitted
28.	Mrs.R.S.Radhika	Dr.S.Shanthi	Civil	Request to discontinue	May be Permitted
29.	Ms.A.Mangalambika	Dr.V.Mrunalini	Education	Request to discontinue	May be Permitted

It was resolved to approve/ratify the change of Supervisor for 13 Ph.D scholars based on the requests of Supervisor and Scholar

S. No	Name	Supervisor	Programme	Request	REMARKS by RAC Members and VC's Comments
1.	G.Padmapriya	Dr.K.ArockiaMaraichelvi Associate Professor of HD	Human Development	Requesting change in supervisor due to slight deviation in the topic and also dispute between supervisor and scholar- both of them request for change. Scholar allotted to Dr.M.Priya (HoD)	Issue mediated by our Mentor Dr.Aruna. Both Supervisor and scholar request guide change. Approved
2.	D.Pavithra	Dr.K.Manimozhi Controller of Examination i/c	Resource management	Change of Guideship as student is working under Dr.K.Manimozhi, UGC STRIDE project but guided by Dr.D.Sumathi. Candidate allotted from Dr.D.Sumathi to Dr.K.Manimozhi	As per UGC guidelines, Project staff may be permitted to work under PI Approved
3.	Ms.SowmyaHaridas	Dr.P. Subashini	Computer science	Guideship change-Supervisor and scholar request from Dr.Subashini to Dr.Jayamalar	Approved
4.	P.Yalini	Dr.Poongodi	Mathematics	Guideship change due to long leave of the guide Dr.Poongodi allotted to Dr.Antony Crispin Sweety	Ratified
5.	K.Dayana	Dr.Poongodi	Mathematics	Guideship change due to long leave of the guide Dr.Poongodi. Allotted to Dr.B.Vennila	Ratified
6.	S.Jaisha Sanandam	Dr.A.Vijaya lakshmi	Botany	Guideship change as the guide has 5 more scholars to complete the research in June. Dr.V.Gayathri will guide her.	Approved
7.	Ms.Anju	Dr.Dhanbagiyam	Tourism Management	Change in Guideship from Dr.Dhanbagiyam to Dr.Bindu As Dr.Dhanabagiyam has resigned	Approved

8.	Ms.Vijaya lakshmi	Dr.Dhanbagiyam	Tourism Management	Change in Guideship from Dr.Dhanbagiyam to Dr.Chitramani As Dr.Dhanabagiyam has resigned	Approved
9.	Ms.Akhila	Dr.Dhanbagiyam	Tourism Management	Change in Guideship from Dr.Dhanbagiyam to Dr.Bindu As Dr.Dhanabagiyam has resigned	Approved
10	Ms.Pooja	Dr.Dhanbagiyam	Tourism Management	Change in Guideship from Dr.Dhanbagiyam to Dr.Sathyabamavathy (after guideship approval) Coguide: Dr.Chitramani As Dr.Dhanabagiyam has resigned	Approved
11	Dr.S.Margatham	Allotment of 4 students	Dean of Engineering	Change in Guideship to Dr.Shanthi	Approved
12	Dr.K.Annaram	Status of Research scholars under Dr.Annaram, ECE	ECE	4 research scholars of Anna University are working under Dr.Annaram. As per last RAC, Dr.Annaram was given time till June 2021 to report on the completion of Ph.D of those 4 scholars. 2 scholars are yet to complete	2 months time given to Dr.Annaram. To report to VC after the scholars submit their thesis
13	JaishaSarnadam.S	Dr.A.Vijayalakshmi	Botany	Requisition for Medical leave	Approved

It was resolved to approve the requests from 7 research scholars for Co-supervisors

S. No	Name	Supervisor	Programme	Request	Remarks By RAC Members And VC's Comments
1.	Challagundle Reddy Jyothsna	Dr.S.Kowsalya	Food and Nutrition	Request for co supervisor at work place	Demise of current co-supervisor. Hence another co-supervisor requested
2.	SharanoorHussain	Dr.Priya M	Human Development	Requesting co guide at work place	Required as per Ethical committee norms
3.	Ms.SafreenaKabeer	Dr.A.Lovelin Jerald	FPPT	Request for Co-Guide	May be permitted

4.	Vadarevu Sony	Dr.R.Balasasirekha	FSN	Req Co-Supervisor for part time Ph.D Scholar	May be permitted
5.	S.Bhavani	Dr.G.Bagyalakshmi	T&C	Req Co-Supervisor for part time Ph.D Scholar	May be permitted
6.	Mrs.TitasChakraborty	Dr.R.BalaSasirekha	FSN	Co-Supervisor from West Bengal till the completion of research work	May be permitted
7.	Thongam Victory Khanganbi	Dr.Priya	Human Development	Co-guide from hometown to produce ethical clearance	May be permitted

Other issues related to research activities approved / ratified:

S. No	Name	Supervisor	Programme	Request	Remarks By RAC Members and VC's Comments
1.	R.Salomy		Physical Education	NOC certificate to apply for PhD	Recommended to ratify in ACM and ratified.
2.	Ms.MassaniPriya	Dr.G.Victoria Naomi	Education	Need to complete M.Phil. theory papers in Education for pursuing Part Time PhD	Recommended to ratify in ACM and ratified.

● Maternity leave

   UGC notification D.O. No. 2L-LL6l2O2L (CPP-II) dtd.14.12.2021 - Maternity leave sanctioned from 180 to 240 days. One scholar SakthiSaranya has availed 3 year leave and claims for two maternity leave. As per UGC regulation only one maternity leave can be sanctioned during the entire period of Ph.D programme. She is granted one maternity leave and the rest of the period is considered as absent.
● Part-time scholars henceforth need to submit a copy of service certificate along with their Doctoral committee request Proforma.
● The journal publications included in the coverage period of UGC CARE group I and II journals will be considered only for thesis submission
● **Nomenclature of Directorate of Research and Development changed to Research and Development Cell as per UGC circular**

   As per UGC circular dt. 8.6.2022 Ref:1-5(2021(NEP/Desk-parl.) the nomenclature of Directorate of Research and Development is changed to Research and Development Cell and Dean R&D as Director R&D.
● As per Deans and HoDs meet on 10th June 2022, one Doctoral Committee member will be selected by the Vice Chancellor from the panel of 4 subject experts.
● It was resolved to consider the guideship requests of regular faculty if they have good publications over and above the Ph.D requirement of publications.

- It was unanimously resolved to call for an emergency Doctoral Committee meeting for the request placed by Dr.Kasthuri, Professor of Extension Education to transfer two scholars owing to health issues. Director R&D to convene the meeting with HoD, External expert, Dean, Research scholars and co-opting Supervisors of the Department of Extension Education. The issue of variation in the claims made by scholars and supervisor regarding the progress of Ph.D work also, to be discussed in the meeting.
- It was resolved to henceforth to settle the scholar transfer requests within the department and assist scholars in the completion of Ph.D work.
- It was resolved to insist the supervisor or HoD to report the long absenteeism of research scholars to the RDC for necessary action.
- It was resolved to consider granted patent publication in lieu of one of the two required for submission of synopsis. The candidate has to publish another article before submission of thesis.

The above aspects were ratified / approved by the Academic Council members.

Mr.K.N. Visveswaran, Chief Mentor, Hexavarsity seconded the motion.

46. **The Standing Committee on Academic Affairs** held on **12.08.2022** recommended the following based on the minutes of the Boards of Studies conducted by the departments:

The Chairperson of the Academic Council **Dr. (Mrs.) V.Bharathi Harishankar** moved that:

a) Implementation of the following **Add on Diploma** courses alongwith the degree programmes by the departments from the academic year 2023-2024 & onwards was approved:

S.No.	Department	Add on Diploma
1.	Zoology	Diploma in **Occupational Zoology**
2.	Mathematics	• Mathematics for **Data Science** and • Optimization using **Python**
3.	Information Technology	• Certificate course on **Data Visualization** • Certificate course on **Cyber Security** and • Diploma course on **Data Science**
4.	Physical Education	• Diploma in **Kalari Adimurai** • Diploma in **Aerobic and Fitness Instructor** • Certificate in **Therapeutic Yoga**

b) Implementation of the following aspects after getting approval from the UGC:

S.No.	Department	Request
1.	Textiles and Clothing	Change in the nomenclature of B.Voc. Textile Dyeing and Printing Programme as **B.Voc. Fashion and Textile Design**.
2.	Biochemistry and Biotechnology	Introduction of **Ph.D. in Bioinformatics**.
3.	Physics	Implementation of B.Sc. Physics in Triple Major Pattern in either B.Sc. PCM (Physics, Chemistry, Mathematics) or B.Sc. PMC (Physics , Mathematics, Computer Science) under LOCF (Learning Outcomes based Curriculum Framework) which will be helpful for employment and higher education.

4.	Visual Communication	Introduction of Postgraduate Programme **M.A.(Journalism and Mass Communication)**.
		Change in the nomenclature of the Department of Visual Communication as **Department of Mass Communication and Journalism.**

After discussion, the Chairperson of the Academic Council asked the concerned Chairpersons to represent to University Grants Commission and get clarification from University Grants Commission for triple major in Physics and also examine the employment opportunities.

Dr.N.Ponpandian, Professor and Head enquired on the nomenclature of the Department and the programme of Visual Communication Department.

The Chairperson of the Board of Studies explained that the programme's nomenclature was based on the University Grants Commission's Specification of degrees and the department's nomenclature change was requested based on the other universities.

Dr.K.S.Pushpa, Professor, Department of Home Science said that the title of Specialization papers of Higher Education degree (Ph.D.) should not be a replica of the titles of Undergraduate / Postgraduate courses.

The Chairperson of the Academic Council asked the Chairpersons of various boards to take utmost care while framing the nomenclature / title of courses.

Dr.P.Sathiya Moorthi, Managing Partner, Moon Foods seconded the motion.

The motion was passed unanimously.

47. **Other Matters:**

The Registrar thanked the Chancellor for the Greetings, the Vice Chancellor, the Chairperson of the Academic Council for conducting the proceedings of the Academic Council and all the External and Internal members for their valuable academic contributions.