



THE MADURA COLLEGE (AUTONOMOUS)

(Affiliated to Madurai Kamaraj University, Reaccredited (3rd Cycle) with "A" Grade by NAAC)

ACADEMIC COUNCIL

Date: 21.06.2022

NOTICE

An ordinary meeting of the Academic Council will be held on **20th July 2022 at 10:30 a.m.** at Seminar hall. Resolutions from Board of Studies and Private resolutions may be submitted to the Member Secretary, Academic Council (eswaran@maduracollege.edu.in) on or before 25.06.2022. The deadline for withdrawal of resolutions will be 27.06.2022 up to 3:00 p.m.

The agenda and resolutions to be discussed will be made available to the members sufficiently in advance.

Dr.R.Eswaran
Member Secretary

Dr.J.Suresh
Principal & Chairman



THE MADURA COLLEGE (AUTONOMOUS)
(Reaccredited with “A” Grade by NAAC)

ACADEMIC COUNCIL

AGENDA FOR THE MEETING ON 20.07.2022

1. Prayer
2. Welcome Address : The Chairman, Academic Council
3. Confirmation of the Minutes of the previous Academic Council Meeting held on 17.06.2021
4. Business brought forward by the Chairman
5. Resolutions of Boards of Studies from various Departments
6. Any other subjects brought forward by the Chairman
7. Observation & Remarks by the External Members
8. Vote of Thanks : Member Secretary
9. National Anthem

II. BUSINESS BROUGHT FORWARD BY THE CHAIRMAN

III. RESOLUTIONS BROUGHT FORWARD BY HEADS OF VARIOUS DEPARTMENTS

1) FROM THE BOARD OF STUDIES OF TAMIL DEPARTMENT

Dr.S.Dhanasamy, Chairman, Board of Studies in Tamil, shall move and **Dr.A.Atheeswari** shall second the following resolutions, passed in the Board of Studies meeting held on 19.01.2022.

- 1.1. Resolved to ratify the revised mapping of course outcomes against program outcomes for Part 1 Tamil courses for those who joined the course from the academic year 2020-2021 **(pp 1-6)**.
- 1.2. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.A. TAMIL for students who joined the programme from the Academic Year 2020-21. The curriculum includes an Inter-disciplinary course titled 'OPPILAKKIYAM' offered jointly by the department of ENGLISH **(pp 7-108)**.
- 1.3. Resolved to introduce the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.A. TAMIL for students who joined the programme from the Academic Year 2021-22. The curriculum includes a Multi-disciplinary course titled 'NATTUPURAVIYAL' 'offered jointly by the departments of ECONOMICS, BOTANY **(pp 111-200)**.
- 1.4. Resolved to approve the metric and weight calculation for the attainment of programme outcomes against the course outcomes for B.A. Tamil and M.A. Tamil for Regulation 2020 and Regulation 2021 respectively **(pp 213-216)**.
- 1.5. Resolved to introduce add-on courses titled 'Research methodology' to be offered during the third semester of M.A. TAMIL for those students who join the programme from the Academic Year 2021-22 **(pp 128-133)**.
- 1.6. Resolved to ratify the certificate course 'ARULNERIK KALAI' for UG & PG students from the Academic Year 2021-22 **(pp 210-212)**.
- 1.7. Resolved to ratify the certificate course 'Kambaramayanam (Sundarakandam)' for UG & PG all departments' students from the Academic Year 2021-22 **(pp 201-204)**.
- 1.8. Resolved to ratify the Diploma course 'Kambaramayanam (Balakandam)' for UG & PG all departments' students from the Academic Year 2021-22 **(pp 205-209)**.
- 1.9. Resolved to introduce a certificate course 'PANNISAI' for UG students from the Academic Year 2022-23 **(pp 109-110)**.

2) FROM THE BOARD OF STUDIES OF HINDI DEPARTMENT

Prof.S.Murali, Chairman, Board of Studies in Hindi, shall move and **Dr.S.Dinakaran** shall second the following resolutions, passed in the Board of Studies meeting held on 19.01.2022.

- 2.1. Resolved to ratify the revised mapping of course outcomes against program outcomes for Part-I Hindi courses for those who joined the course from the academic year 2020-2021 (pp 217-222).

3) FROM THE BOARD OF STUDIES OF SANSKRIT DEPARTMENT

Prof.P.Manikandan, Chairman, Board of Studies in Sanskrit, shall move and **Prof.S.Murali** shall second the following resolutions, passed in the Board of Studies meeting held on 19.01.2022.

- 3.1. Resolved to ratify the revised mapping of course outcomes against program outcomes for Part-I Sanskrit courses for those who joined the course from the academic year 2020-2021 (pp 223-228).

4) FROM THE BOARD OF STUDIES OF ENGLISH DEPARTMENT

Dr.R.Subramony, Chairman, Board of Studies in English, shall move and **Dr.Sheela P.Karthick** shall second the following resolutions, passed in the Board of Studies meeting held on 19.01.2022.

- 4.1. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.A English for students who joined the programme from the Academic Year 2020-21. The curriculum includes an Inter-disciplinary course titled 'Cultural Studies in Feminism' offered jointly by the department of Tamil (pp 229-326).
- 4.2. Resolved to introduce the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.A. English for students who joined the programme from the Academic Year 2021-22. The curriculum includes a Multi-disciplinary course titled 'Green Studies' offered jointly by the department of Botany (pp 332-411).
- 4.3. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes, for B.A. English for Regulation 2020 (pp 412-417).
- 4.4. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes for M.A English for Regulation 2021 (pp 418-421).
- 4.5. Resolved to ratify the revised programme structure for the B. A. English programme for the students who joined from the academic year 2020 – 21 and onwards (pp 327-331).
- 4.6. Resolved to ratify the revised programme structure for the M. A. English programme for the students who joined from the academic year 2020 – 21 and onwards (pp 335-338).
- 4.7. Resolved to pass the revised /new curriculum for II M.A. English programme for students who joined the programme from the Academic Year 2021-22 as prescribed by TANSCH.

- 4.8. Resolved to add an additional elective paper for I & II semesters for M.A. English programme for the students who joined the programme from the Academic Year 2021-22 as prescribed by TANSCHÉ.
- 4.9. Resolved to pass the curriculum for third year B.A. English to be offered to students who joined the course from the Academic year 2020-21 as prescribed by TANSCHÉ.
- 4.10. Resolved to ratify Mapping of Course Learning Outcomes with Program Specific Outcomes for M. A. English programme for I & II semesters.
- 4.11. Resolved to ratify the title and course code for B. Com. programme as 20U4NEK2 – SOFT SKILLS for students who join the programme from the Academic year 2020-21.
- 4.12. Resolved to ratify the title for B. A. English programme for the paper “A Field of Adoption Studies” as “A Field of Adaptation Studies” and “Transferring the Linguistic and Entities” as “Transferring Linguistic Entities” for students who join the programme from the Academic year 2020-21 (**pp 303-308, 315-320**).

5) FROM THE BOARD OF STUDIES OF ECONOMICS DEPARTMENT

Dr.S.Theenathayalan, Chairman, Board of Studies in Economics, shall move and **Dr.P.Kannan** shall second the following resolutions, passed in the Board of Studies meeting held on 19.01.2022.

- 5.1. Resolved to pass the syllabi for final year B.A. Economics Programme with Outcome Based Education under Choice Based Credit System for students who joined from the Academic year 2020-21 and onwards (**pp 422-510**).
- 5.2. Resolved to pass the syllabi for second year M.A. Economics Programme with Outcome Based Education under Choice Based Credit System for students who joined from the Academic year 2021-22 and onwards (**pp 511-577**).
- 5.3. Resolved to ratify the nature of course, rationale and activities having direct bearing on nature of course offered to third year B.A. Economics and second year M.A. Economics courses for the students who have joined the programmes from the Academic Year 2020-21 and onwards.
- 5.4. Resolved to offer Multidisciplinary Course on “Dimensions of Economics” from three Post Graduate Departments namely: Tamil, Statistics and Commerce along with core subject in the place of Demography/Welfare Economics course for Third Semester as per UGC Guidelines. In this regard the paper offered in Third Semester that is Entrepreneurship Development is shifted to Fourth Semester retaining Tamil Nadu Economy as it is (**pp 536-541, 564-573**).
- 5.5. Resolved to offer Interdisciplinary Course on “Health Economics” with the Department of Microbiology for the students of Economics in the Fifth Semester as per the UGC Guidelines (**pp 553-557**).

- 5.6. Resolved to approve the metric and weight calculation for the attainment of programme outcomes against the course outcomes for B.A. Economics and M.A. Economics for Regulation 2020 and Regulation 2021 respectively (**pp 578-587**).
- 5.7. Resolved to ratify the course offered in the Current Semester (IV) for II – B.A. Economics entitled “Soft Skills” is retitled into “Personality Development – 20U4VSM2” as per the decision taken in the Department Staff Meeting. The reason for the change of course title is that, the same course title is offered by the Department of English. Based on the advice of the Principal/Chairman Academic Council, the course title has been changed (**P 424**).

6) FROM THE BOARD OF STUDIES OF COMMERCE DEPARTMENT

Dr.A.Mayil Murugan, Chairman, Board of Studies in Commerce, shall move and **Dr.S.Selvakumar** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 6.1. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Com (Aided & SF) for students who joined the programme from the Academic Year 2020-21. The curriculum includes a Multi-disciplinary course titled ‘Behavioural Applications and Technology’ offered jointly by the Departments of Mathematics and Department of Computer Science (**pp 588-729**).
- 6.2. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Com (Professional Accounting) for students who joined the programme from the Academic Year 2020-21. The curriculum includes a Multi-disciplinary course titled ‘Behavioural Applications and Technology’ offered jointly by the Departments of Mathematics and Department of Computer Science (**pp 588-729**).
- 6.3. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Com (Banking & Insurance) for students who joined the programme from the Academic Year 2020-21. The curriculum includes a Multi-disciplinary course titled ‘Behavioural Applications and Technology’ offered jointly by the Departments of Mathematics and Department of Computer Science (**pp 588-729**).
- 6.4. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Com (Capital Markets) for students who joined the programme from the Academic Year 2020-21. The curriculum includes a Multi-disciplinary course titled ‘Behavioural Applications and Technology’ offered jointly by the Departments of Mathematics and Department of Computer Science (**pp 588-729**).
- 6.5. Resolved to introduce the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.Com. for students who joined the programme from the Academic Year 2021-22. The curriculum includes an Multi-disciplinary course titled ‘Insurance, Actuarial Science and Economics’ offered jointly by the departments of Statistics and Economics (**pp 730-794**).
- 6.6. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes, for B.Com (Aided & SF), B.Com (Professional Accounting), B.Com (Banking & Insurance) and B.Com (Capital Markets) for Regulation 2020 (**pp 797-820**).

- 6.7. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes for M.Com for Regulation 2021 (**pp 821-824**).
- 6.8. Resolved to introduce diploma programme on “Diploma in Banking and Finance” in collaboration with Indian Institute of Banking and Finance, Mumbai to the students of all discipline from the academic year 2022-23 onwards.
- 6.9. Resolved to introduce Certificate Course on “Accounting Software with GST” to the students of all discipline from the academic year 2022-23 onwards (**pp 795-796**).
- 6.10. Resolved to ratify the change of Course title as “Interpersonal Skills” instead of “Soft Skills” (Course Code: 17U6KSM6) for the students who have joined during the academic year 2019-20 only.

7) FROM THE BOARD OF STUDIES OF MATHEMATICS DEPARTMENT

Dr.S.Muthukumar, Chairman, Board of Studies in Mathematics, shall move and **Dr.C.Thangapandi** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 7.1. Resolved to ratify the Revised programme structure for students who joined the B.Sc., mathematics program from the Academic year 2020-21(**pp 828-832**).
- 7.2. Resolved to pass the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Sc. Mathematics for students who joined the programme from the Academic Year 2020-21. The curriculum includes a Multi-disciplinary course titled “Operations Research and Web Technology” offered jointly by the departments of Mathematics, Commerce and Computer Science (**pp 825-960**).
- 7.3. Resolved to ratify the revised curriculum structure for students who joined the M.Sc., Mathematics program from the Academic year 2021-22 (**pp 1060-1063**).
- 7.4. Resolved to pass the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.Sc. Mathematics for students who joined the programme from the Academic Year 2021-22. The curriculum includes a Multi-disciplinary course titled “Stochastic processes and point groups of Molecules” offered jointly by the departments of Mathematics, Physics and Chemistry (**pp 961-1059**).
- 7.5. Resolved to pass the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.Sc. Mathematics for self financed students who joined the programme from the Academic Year 2021-22. The curriculum includes a Multi-disciplinary course titled “Stochastic Processes, Statistical Mechanics and Biological Macromolecules” offered jointly by the departments of Mathematics, Physics and Microbiology (**pp 961-1059, 1064-1070**).
- 7.6. Resolved to ratify the inclusion of the chapters and section numbers in the recommended book for the paper “ordinary differential equations” subject code 21P1MMC4 M.Sc., Mathematics students who joined the programme in the Academic year 2021-22 (**pp 1077-1078**).

- 7.7. Resolved to ratify the inclusion of the chapters and section numbers in the recommended book for the paper “Fuzzy sets and its Applications”, subject code 21P2MME2(A) M.Sc., Mathematics students who joined the program in the Academic year 2021-22 (**pp 1071-1076**).
- 7.8. Resolved to ratify the inclusion of one more paper namely “Numerical analysis”, subject code 21P1MME1(B) as core elective –I paper in First semester and one more paper namely “Fluid Dynamics” 21P2MME2(B) as core elective –II paper in Second semester for I year M.Sc., Mathematics students the Academic year 2021-22 (**pp 1079-1091**).
- 7.9. Resolved to approve the syllabus of “Add on course entitled “Research Methodology and Research Ethics” to II year M.Sc., Mathematics students who joined the course from the Academic year 2021-22 (**pp 1092-1093**).
- 7.10. Resolved to approve the syllabus for “Certificate Course entitled “Math tricks using Ancient Methods” to under graduate and Post graduate students (**P 1094**).
- 7.11. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes, for B.Sc. Mathematics for Regulation 2020 (**pp 1095-1101**).
- 7.12. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes for M.Sc. Mathematics for Regulation 2021 (**pp 1102-1105**).

8) FROM THE BOARD OF STUDIES OF STATISTICS DEPARTMENT

Dr.P.Vetriselvi, Chairman, Board of Studies in Statistics, shall move and **Dr.P.Madhanagopal** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 8.1. Resolved to ratify the revised programme structure for the B.Sc. Statistics for students who joined the programme from the Academic Year 2021-22 and onwards (**pp 1106-1109**).
- 8.2. Resolved to pass the revised curriculum for second year B.Sc. Statistics for students who joined the programme from the Academic Year 2021-22 (**pp 1110-1157**).
- 8.3. Resolved to ratify the revised programme structure for the M.Sc. Statistics for students who joined the programme from the Academic Year 2021-22 and onwards (**pp 1163-1164**).
- 8.4. Resolved to pass the revised curriculum for second year M.Sc. Statistics for students who joined the programme from the Academic Year 2021-22. The curriculum includes Multi-disciplinary course titled ‘Econometrics and Cost Analysis ‘offered jointly by the departments of Statistics, Economics and Commerce (**pp 1160-1242**).
- 8.5. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes for M.Sc. Statistics for Regulation 2021 (**pp 1245-1249**).

- 8.6. Resolved to introduce add-on courses titled ‘Combinatorics’ and ‘Statistics for Big Data’ to be offered during the third and fourth semester B.Sc. Statistics for those students who join the programme from the Academic Year 2021-22 (**pp 1153-1156**).
- 8.7. Resolved to introduce add-on courses titled ‘Research and Publication Ethics’ to be offered during the fourth semester M.Sc. Statistics for those students who join the programme from the Academic Year 2021-22 (**P 1243**).
- 8.8. Resolved to introduce self study courses titled ‘Time series Analysis to be offered during the fourth semester B.Sc. Statistics for those students who join the programme from the Academic Year 2021-22 (**P 1157**).
- 8.9. Resolved to introduce a certificate course ‘Quantitative Population Studies’ for B.Sc. Statistics students from the Academic Year 2021-2022 (**pp 1158-1159**).
- 8.10. Resolved to introduce a certificate course ‘Biostatistics’ for M.Sc. Statistics students from the Academic Year 2021-2022 (**P 1244**).
- 8.11. Resolved to ratify the typography error in text book chapters in core paper “Descriptive Statistics” in semester I for B.Sc. Statistics.
- 8.12. Resolved to ratify the K levels in Formative assessment in core paper “Distribution Theory” in semester I for M.Sc. Statistics.
- 8.13. Resolved to ratify to add the CLO’s in Statistical Practical –II in semester II for M.Sc. Statistics.

9) FROM THE BOARD OF STUDIES OF PHYSICS DEPARTMENT

Dr.M.Prema Rani, Chairman, Board of Studies in Physics, shall move and **Mr.V.Meenakshi Sundaram** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 9.1. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Sc. Physics for students who joined the programme from the Academic Year 2020-21. The curriculum includes an Inter-disciplinary course titled ‘Nano science and Nanotechnology ‘offered jointly by the departments of Physics and Chemistry (**pp 1250-1348**).
- 9.2. Resolved to introduce the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.Sc. Physics. for students who joined the programme from the Academic Year 2021-22. The curriculum includes a Multi-disciplinary course titled ‘Materials Science’ offered jointly by the departments of Physics, Chemistry and Mathematics (**pp 1349-1418**).
- 9.3. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes, for B.Sc. Physics for Regulation 2020 (**pp 1422-1428**).
- 9.4. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes for M.Sc. Physics for Regulation 2021 (**pp 1429-1433**).

- 9.5. Resolved to introduce add-on courses titled 'Research methodology and Research ethics' to be offered during the third semester of M.Sc. Physics for those students who join the programme from the Academic Year 2021-22 (**pp 1419-1420**).
- 9.6. Resolved to ratify a certificate course 'Designing and Servicing of some Electronic appliances' for students from the Academic Year 2021-22 (**P 1421**).

10) FROM THE BOARD OF STUDIES OF CHEMISTRY DEPARTMENT

Dr.A.Xavier, Chairman, Board of Studies in Chemistry, shall move and **Dr.P.S.Harikrishnan** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 10.1. Resolved to introduce the revised curriculum, programme structure, syllabus and evaluation pattern for III year B.Sc. Chemistry major students who joined the programme from the academic year 2020-21. The curriculum includes an Interdisciplinary course titled 'Solid State Chemistry' (20U5CIDC) offered jointly by the departments of Chemistry & Physics (**pp 1434-1556**).
- 10.2. Resolved to introduce the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.Sc. Chemistry major students who joined the programme from the academic year 2021-22. The curriculum includes a Multidisciplinary course titled 'Polymer and Nano Chemistry' (21P3CMDC) offered jointly by the departments of Chemistry, Physics & Mathematics (**pp 1557-1676**).
- 10.3. Resolved to approve the Metric and weight calculation for attainment of Programme outcomes against course outcomes, for B.Sc. Chemistry for Regulation 2020 (**pp 1693-1698**).
- 10.4. Resolved to approve the Metric and weight calculation for attainment of Programme Outcomes against course outcomes, for M.Sc. Chemistry for Regulation 2021 (**pp 1699-1703**).
- 10.5. Resolved to approve the exchange of 4th and 5th units in Ancillary Chemistry offered to II B.Sc. (Mathematics) and II B.Sc. (Zoology) (**pp 1677-1692**).
- 10.6. Resolved to introduce one more elective paper for PG programme in all semesters viz.,
- I semester - Forensic Analysis (21P1CME2) (**pp 1568-1574**)
- II semester - Supra molecular Chemistry (21P1CME4) (**pp 1575-1580**)
- III semester - Polymer, Nano and Fundamentals of Mathematics (21P3CMDC) (**pp 1605-1611**)
- IV semester - Agro Chemicals (21P4CME8) (**pp 1660-1668**).

11) FROM THE BOARD OF STUDIES OF BOTANY DEPARTMENT

Prof.S.Chellapandian, Chairman, Board of Studies in Botany, shall move and **Dr.P.Kannan** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 11.1. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Sc. Botany for students who joined the programme from the Academic Year 2020-21. The curriculum includes an Inter-disciplinary course titled 'Molecular Biology' offered jointly by the departments of Botany and Zoology (**pp 1704-1818**).
- 11.2. Resolved to introduce the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.Sc. Botany for students who joined the programme from the Academic Year 2021-22. The curriculum includes an Multi-disciplinary course titled 'Forestry and Economic Botany' offered jointly by the departments of Botany, Tamil and English (**pp 1819-1886**).
- 11.3. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes, for B.Sc. Botany for Regulation 2020 (**pp 1892-1898**).
- 11.4. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes for M.Sc. Botany for Regulation 2021 (**pp 1899-1903**).
- 11.5. Resolved to ratify a PG Diploma course in 'Plant Identification' for PG students from the Academic Year 2021-2022 (**pp 1887-1891**).
- 11.6. Resolved to ratify a change in title of the certificate course as Employability skills instead of Life skills for students from the Academic Year 2021-2022.

12) FROM THE BOARD OF STUDIES OF ZOOLOGY DEPARTMENT

Dr.S.Dinakaran, Chairman, Board of Studies in Zoology, shall move and **Dr.L.D.Devasree** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 12.1. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Sc. Zoology for students who joined the programme from the Academic Year 2020-21. The curriculum includes an Inter-disciplinary course titled 'Biodiversity and Conservation Biology' offered jointly by the departments of Zoology and Botany (**pp 1904-2040**).
- 12.2. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes, for B.Sc. Zoology for Regulation 2020 (**pp 2041-2046**).

13) FROM THE BOARD OF STUDIES OF COMPUTER SCIENCE DEPARTMENT

Er.J.Rajendran, Chairman, Board of Studies in Computer Science, shall move and **Prof.R.Umasankari** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 13.1. Resolved to Ratify the revised programme structure for the students who have joined in B.Sc. Computer Science degree from the Academic year 2020-21 onwards (**pp 2047-2055**).
- 13.2. Resolved to pass the Revised curriculum for Core and core practical papers of third year B.Sc. Computer Science Programme (V and VI semesters) for students who have joined the programme from the Academic year 2020-21 onwards (**pp 2056-2167**).
- 13.3. Resolved to introduce a Multi-disciplinary course in combined with department of Commerce and Mathematics with the title “E-commerce applications and Management” during Vth semester B.Sc. CS degree for students those who have joined from the academic year 2020-21 onwards (**pp 2073-2078**).
- 13.4. Resolved to pass the revised curriculum for core Elective papers and skill based elective paper (SBE) to be offered in Vth and VIth semesters to students who have joined in B.Sc. Computer Science from the Academic year 2020-21 onwards (**pp 2056-2167**).
- 13.5. Resolved to introduce the students project work under add-on course type and conduct external viva-voce examination during VIth semester of the final year of B.Sc. Computer science programme for the students those who have joined from the Academic Year 2020-21 onwards (**pp 2166-2167**).
- 13.6. Resolved to ratify the nature of course, rationale and activities having direct bearing on nature of course offered to third year B.Sc. Computer science course for students who have joined from the Academic Year 2020-21 onwards.
- 13.7. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes, for B.Sc. (Computer Science) for Regulation 2020 (**pp 2168-2174**)

14) FROM THE BOARD OF STUDIES OF INFORMATION TECHNOLOGY DEPARTMENT

Prof.K.Rajasaravanakumar, Chairman, Board of Studies in Information Technology, shall move and **Dr.N.Paneerselvam** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 14.1. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Sc. Information Technology (I.T) for students who joined the programme from the Academic Year 2020-21. The curriculum includes an Inter-disciplinary course titled ‘Bio-Applications in Artificial Intelligence’ offered jointly by the departments of Information Technology & Biotechnology (**pp 2175-2313**).

- 14.2. Resolved to pass the revised syllabi for allied courses to be offered to students who joined B.Sc. (Statistics) in the Academic Year 2021-22 onwards (**pp 2314-2337**).
- 14.3. Resolved to introduce the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.Sc. Computer Science for students who joined the programme from the Academic Year 2021-22. The curriculum includes a Multi-disciplinary course titled 'Internet of Things' offered jointly by the departments of Computer Science, Mathematics & Physics (**pp 2338-2427**).
- 14.4. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes, for B.Sc. (I.T) for Regulation 2020 (**pp 2428-2434**).
- 14.5. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes for M.Sc. Computer Science for Regulation 2021 (**pp 2435-2439**).
- 14.6. Resolved to introduce add-on courses titled 'Values and Ethics in Research' to be offered during the third semester of M.Sc. Computer Science for those students who join the programme from the Academic Year 2021-22 (**pp 2378-2380**).

15) FROM THE BOARD OF STUDIES OF MICROBIOLOGY DEPARTMENT

Dr.N.Paneerselvam, Chairman, Board of Studies in Microbiology, shall move and **Prof.K.Rajasaravanakumar** shall second the following resolutions, passed in the Board of studies meeting held on 19.01.2022.

- 15.1. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Sc., Microbiology for students who joined the programme from the Academic Year 2020-21. The curriculum includes an Inter-disciplinary course titled 'Bioeconomics' offered jointly by the Departments of Microbiology and Economics (**pp 2440-2556**).
- 15.2. Resolved to introduce the revised curriculum, programme structure, syllabus and evaluation pattern for II year M.Sc., Microbiology for students who joined the programme from the Academic Year 2021-22. The curriculum includes a Multi-disciplinary course titled 'Forensic Science' offered jointly by the Departments of Microbiology, Computer Science and Mathematics (**pp 2557-2638, 2672-2673**).
- 15.3. Resolved to ratify the course content for the following courses: Food and Dairy Microbiology (21P1PME1), Computational Biology (21P2RME2), Lab in Microbial Taxonomy and Biochemistry (21P1RMP1), Lab in Microbial Physiology and bioinstrumentation (21P1RMP2), Lab in Cell and Molecular Biology and Microbial Genetics (21P2RMP3) and Lab in Immunology and Research Methodology (21P2RMP4) for the students who joined from the Academic year 2021-22 and onwards (**pp 2639-2652, 2660-2671**).
- 15.4. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes for B.Sc., Microbiology for Regulation 2020 (**pp 2674-2681**).

15.5. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes for M.Sc., Microbiology for Regulation 2021 (pp 2682-2686).

15.6. Resolved to introduce add-on course titled 'Values and Ethics in Research' to be offered during the third semester of M.Sc., Microbiology for those students who joined the programme from the Academic Year 2021-22 (pp 2653-2659).

16) FROM THE BOARD OF STUDIES OF BIOTECHNOLOGY DEPARTMENT

Dr.N.Panneerselvam, Chairman, Board of studies of Biotechnology, shall move and **Prof.K.Rajasaravanakumar**, shall second the following resolutions, passed in the meeting of the Board of studies in Biotechnology held on 19.01.2022.

16.1. Resolved to introduce the revised curriculum, programme structure, syllabus, and evaluation pattern for III year B.Sc. Biotechnology for students who joined the programme from the Academic Year 2020-21. The curriculum includes an Inter-disciplinary course titled 'Computer-aided drug design' offered jointly by the departments of Biotechnology and Computer Science (pp 2687-2800).

16.2. Resolved to approve the metric and weight calculation for attainment of programme outcomes against course outcomes, for B.Sc. Biotechnology for Regulation 2020 (pp 2801-2808).

16.3. Resolved to ratify the course content for the courses 'Concepts in Biotechnology (20U3LAC1) and Allied Practical-II (20U3LAP1)' for students from the Academic Year 2021-2022.

16.4. Resolved to ratify the syllabi for allied Biotechnology courses (20U1LAC1, 20U1LAP1, 20U2LAC2 & 20U2LAP2) offered to I B.Sc. Microbiology students who have joined from the Academic year 2021-2022 and onwards (pp 2809-2826).

17) FROM DEAN (ACADEMICS)

Prof.S.Sivaramakrishnan, Dean (Academics), shall move and **Dr.I. Sahul Hamid** shall second the following resolutions:

17.1. Resolved to adopt the manual of calculation of attainment of outcomes for students who are admitted to their respective programmes under outcome Based Education (Regulation 2020 onwards) (pp 2827-2852).

IV. Any Other Subject

Dr. R. Eswaran
Member Secretary

Dr. J. Suresh
Principal & Chairman



THE MADURA COLLEGE

(Autonomous, Affiliated to Madurai Kamaraj University, Re-accredited (3rd Cycle) with 'A' Grade by NAAC)

MADURAI -625 011

MEETING OF THE ACADEMIC COUNCIL

Date : 20.07.2022 (Wednesday)

Venue: Seminar Hall

Time : 10.30a.m.

MINUTES OF THE ACADEMIC COUNCIL MEETING

A meeting of the Academic Council was held in the Seminar Hall on Wednesday, 20th July 2022 at 10.30 am.

Members Present

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| 1) Dr. J. Suresh (Chairman, Academic Council) | 35) Dr. Y. Natarajan |
| 2) Dr. R. Eswaran (Member Secretary, Academic Council). | 36) Dr. S. Chandrasekar |
| 3) Sri. S. Sridharan (Preseident, MCB) | 37) Dr. R. Vennila |
| 4) Sri. S. Natanagopal (Secretary, MCB) | 38) Dr. A. Karuppusamy |
| 5) Dr. M. Thangaraj (University Nominee) | 39) Dr. S. Ramachandran |
| 6) Dr. T. Dharmaraj (University Nominee) | 40) Prof. S. Krithika |
| 7) Dr. S. Dhanasamy | 41) Prof. P. Jayalakshmi |
| 8) Dr. A. Atheeswari | 42) Dr. S. Muthukumar |
| 9) Dr. G. Karunakaran | 43) Dr. C. Thangapandi |
| 10) Dr. N. Rathinakumar | 44) Dr. R. Pandiselvi |
| 11) Dr. V. Usha | 45) Dr. K.M. Dharmalingam |
| 12) Dr. M. Kannan | 46) Dr. G. Marimuthu |
| 13) Dr. D. Gandhimathi | 47) Dr. V. Ananthaswamy |
| 14) Dr. S. Kannadasan | 48) Dr. I. Sahul Hamid |
| 15) Dr. R. Subramony | 49) Dr. U. Karthik Raja |
| 16) Dr. Sheela P. Karthick | 50) Dr. S. Usha |
| 17) Dr. G. Sivasubramanian | 51) Dr. V. Sangeethasubha |
| 18) Dr. A. Chandrabose | 52) Dr. P. Vetriselvi |
| 19) Dr. S. Sudha | 53) Dr. R. Madhanagopal |
| 20) Prof. C. Udhayabanu | 54) Dr. M. Venkateswaran |
| 21) Dr. A. Vignesh Kumar | 55) Dr. A. Saberunnisa |
| 22) Dr. S. Venkatesh | 56) Dr. M. Rabert |
| 23) Prof. B. Tamilselvi | 57) Dr. M. Prema Rani |
| 24) Prof. S. Murali | 58) Prof. V. Meenakshi Sundaram |
| 25) Prof. P. Manikandan | 59) Prof. T. Vivekanandan |
| 26) Dr. S. Theenathalayan | 60) Prof. S. Sivaramakrishnan |
| 27) Dr. P. Kannan | 61) Dr. M. Kavitha |
| 28) Dr. R. Gopi | 62) Prof. G. Gowri |
| 29) Dr. V. Sriman Narayanan | 63) Dr. K. Neyvasagam |
| 30) Dr. S. Karthikeyan | 64) Dr. R. Vishnu Priya |
| 31) Dr. S. Meenakshi | 65) Dr. J. Sivasubramanian |
| 32) Dr. A. Mayilmurugan | 66) Dr. A. Xavier |
| 33) Dr. S. Selvakumar | 67) Dr. P.S. Harikrishnan |
| 34) Dr. K. HemaMalini | 68) Dr. M. Karpagavalli |

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| 69) Dr. P. Gajendran | 88) Dr. S. Dinakaran |
| 70) Dr. M. Malarvizhi | 89) Dr. L.D. Devasree |
| 71) Dr. S.V. Karthikeyan | 90) Dr. B. Latha |
| 72) Prof. S. Vidhyasankar | 91) Dr. C. Selvakumar |
| 73) Dr. R. Ramachandran | 92) Dr. P. Sivakumar |
| 74) Prof. S. Selvakumar | 93) Er. J. Rajendran |
| 75) Dr. P. Prasanna | 94) Prof. R. Umasankari |
| 76) Dr. M. Boominathan | 95) Dr. T. SreeRamkumar |
| 77) Dr. M. HasmathFarzana | 96) Dr. K. Kathirvelpandian |
| 78) Dr. J. Shanmugapriya | 97) Prof. C. Hema |
| 79) Prof. S. ChellaPandian | 98) Dr. N. Paneerselvam |
| 80) Dr. P. Kannan | 99) Prof. K. Rajasaravanakumar |
| 81) Dr. S. Karuppusamay | 100) Dr. R. Chitra |
| 82) Dr. S. GnaanaSaraswathi | 101) Prof. G. Sreedevi |
| 83) Prof. V. MeenakshiSundaram | 102) Dr. P. Pandi |
| 84) Dr. N. Janakiraman | 103) Dr. R. Karthikeyan |
| 85) Dr. P. Jansi Rani | 104) Prof. J. Premkumar |
| 86) Dr. M. Karpagajothi | 105) Prof. S. Selvaulaganathan |
| 87) Dr. S. Saravanan | 106) Mr. M. Venkataramam |

SPECIAL INVITEE

Dr. N. SuriyaNarayanan

1. The meeting was called to order by the Principal and Chairman of the Academic Council (*Here after The Chairman*), Dr.J.Suresh, and the meeting started with the college prayer. The Chairman welcomed Sri.S.Sridharan, President, Madura College Board (MCB), Sri.S.Natanagopal, Secretary, MCB, Sri.N.Anand Srinivasan, Treasurer, MCB, University nominees: Dr.M.Thanagaraj and Dr.T.Dharmaraj, all Heads of the Departments (HoDs), Deans, Dr.N.Suriya Narayanan, Chief Coordinators (Self-Financing Stream), Controller of Examinations, Deputy Controller of Examinations, Co-ordinators (SF stream), special invitees and all other members of the Academic Council.

2. The Chairman, in his welcome address, overviewed the milestones of achievements of The Madura College after the conferment of Autonomy status. And with delight, he explained that our college was one among a few first set of colleges that received autonomy status from University Grants Commission in 1978. The uniqueness of our council is that all permanent teachers are the members of Academic council, which facilitate the involvement of every faculty in designing the curriculum related deliberations and understand the complexity of designing curriculum. He also emphasized that the role of Academic council is not only to design the curriculum but also involvement of framing academic policies of the college. He explained, with pride, that the 44 years of rich experience of the council resulted in the up-to-date curriculum design to meet the national and global standards.

3. The Minutes of the previous Academic Council meeting held on 17.06.2021 were confirmed and passed. The Chairman invited the Chairmen, Board of Studies (BoS) of all the Departments to present their resolutions.

4. Resolutions No. **1.1 to 1.9** were moved by **Dr.S.Dhanasamy**, Chairman & Head, Board of Studies (BoS), Tamil and seconded by **Dr.A.Atheeswari**. Dr.S.Dinakaran, queried the resolution 1.5., regarding the add-on course on Research Methodology. He explained that It was decided earlier to offer a course on Research Methodology as a compulsory course in all the Post-graduate programme in our college and the department proposing to offer the course as an addon course. After a lengthy discussion it was decided **to withdraw the resolution 1.5**. After the queries raised by the members and a lengthy discussion, it was also suggested by the council to rewrite the resolutions 1.7. & 1.8

The members raised their queries on the modalities and standards of offering certificate courses and Diploma. Prof..S.Chellapandian questioned on the non-uniformity in the title of the courses as some department offer the course as certificate course and others as a diploma. The chairman explained that it is the departments' freedom to decide the nature of course as whether certificate or diploma. Dr.S. Muthukumar queried about the number of Units and hours for a diploma course. Prof.S.Sivaramakrishnan gave an overview about UGC regulations on offering diploma courses. Dr.S.Karuppasamy also clarified that Diploma is a program and certificate is a course. The chairman narrated the shortcoming of the resolution and directed the department to revise the number of courses/papers and lecture hours in a standard allocation and the council would accept after the revision.

Then, the motion was put to vote and CARRIED.

5. Resolution No. **2.1** was moved by **Prof.S.Murali**, Chairman & Head, Board of Studies in Hindi and seconded by **Dr.S.Dinakaran**. Prof.S.Sivaramakrishnan requested to include the word “students” in the resolution 2.1. Prof.S.Murali agreed to correct the resolution

Then the motion was put to vote and CARRIED.

6. Resolution No. **3.1**. was moved by **Prof. P. Manikandan**, Chairman & Head, Board of Studies in Sanskrit and seconded by **Prof.S.Murali**. Members unanimously agreed the resolution.

Then, the motion was put to vote and CARRIED.

7. Resolutions No. **4.1 to 4.12.** were moved by **Dr.R.Subramony**, Chairman & Head, Board of Studies in English and seconded by **Dr.Sheela P.Karthick**. The motion was then thrown open for discussion.

The members queried about the norms for the minimal number of departments to offer multidisciplinary course (MDC). The Chairman clarified that the MDC will be at PG programme and Inter-disciplinary course (IDC) at UG programme, and minimal number of departments are 3 and 2 respectively. Further, he clarified that the MDC offered by the Department of English was considered as a special case and the same was discussed and got approved in the HoD meeting. Dr.T.Dharmaraj, University nominee, suggested that the MDC can be offered with the departments/disciplines (specialized resources persons of Environment, Ecology etc.) and he further opined that Disciplines cannot be equated with departments. The Chairman clarified the need for following uniform guidelines for MDC and IDC for the whole college and he also further detailed about workload sharing and other problems in implementation.

Dr.T.Dharmaraj suggested to rephrase the term as Inter-departmental and multi-departmental course. The chairman clarified that we followed the standard usage of the term followed in other higher educational institutions. When, Dr.R.Subramony read the addendum 4.13. and 4.14. The members suggested to include the details about changing of title of course and asked to rewrite the resolutions. Dr.A.Xavier queried about resolution 4.8., about the contradiction on inclusion of more additional elective courses and workload allotment. He further argued that the elective courses offered during the I year PG were already approved in the previous academic council. Prof.S.Sivaramakrishnan explained that elective courses offered during II year PG alone is submitted before the council for approval and suggested to rewrite the resolution. Dr.R.Subramony agreed to rewrite the resolutions.

Then the motion was put to vote and CARRIED.

8. Resolutions No. **5.1 to 5.7.** were moved by **Dr.S.Theenathayalan**, Chairman & Head, Board of Studies in Economics, and seconded by **Dr.P.Kannan**. The motion was then thrown open for discussion.

While reading the resolution on MDC (Resolution. 5.4.), Dr.S.Theenathayalan appealed to the council to change the modality for conducting tests as the present system allows only two departments. The chairman reminded about the decision taken during the HoD meeting and also clarified that the third department can handle the other internal components such as quiz/assignment/seminar etc. as the same was approved in the HoD meeting, He added. The Chairman requested to follow the standard guidelines also by the Economics department.

Dr.S.Theenathayalan appealed to chairman for granting permission to keep two department for offering MDC as a special case for the Economics department. The chairman explained that the same

cannot be allowed at this stage since it was passed in BoS and the third department can't find a pair department to go further. He also gave a general announcement that the resolution passed in the BoS cannot be changed at the later stage at academic council and requested the departments to concretely finalize the resolution and get approved in BoS and submit the same to Academic council. He again advised the Economics department to follow the present guidelines of conducting two tests by the two departments (one each) and the other department can handle other internal components of about 8-10 types as suggested by the UGC and other Higher education institutions like NAAC otherwise the department can follow that standard format as suggested and decided in the Heads meeting.

Dr.S.Theenathayalan agreed to accept the change.

Then the motion was put to vote and CARRIED.

9. Resolution Nos. **6.1. to 6.10.** were moved by **Dr.A.Mayil Murugan**, Chairman & Head, Board of Studies in Commerce, and seconded by **Dr.S.Selvakumar**. Dr.S.Muthukumar queried about resolution. 6.1. and asked whether the courses offered to all students of various programmes or for commerce and related programmes. Dr.A.Mayil Murugan replied that it is offered to all the students of The Madura college. Prof.S.Chellapandian suggested to include the word 'all students' and it may cover the M.Phil. scholars also. The attainment of the course could be an another livelihood option for the students and by considering the true spirit of the department this resolution can be considered as such, He appended. Dr.S.Muthukumar queried on the resolution 6.10 about whether the course title alone changed or the contents too. Dr.A.Mayil murugan replied that the title alone changed.

Then the motion was put to vote and CARRIED.

10. Resolutions No.**7.1 to 7.12.** were moved by **Dr.S.Muthukumar**, Chairman & Head, Board of Studies in Mathematics and seconded by **Dr.C.Thangapandi**. Prof. S. Chellapandian, reminded to include the word "and onwards" after the academic year in the resolution. Regarding resolution 7.5., Dr.S.Theenatahayalan enquired about slight change observed in the programme structure for M.Sc. Mathematics self-financed stream (SF stream). He also reiterated that the same pattern of programme structure, syllabi followed in all the courses offered in both Aided and SF stream by the college. The chairman clarified that the Core and allied courses should be uniform and the changes can be allowed in elective and Skill based elective courses. The Chairman requested Dean (Academics) to clarify further. Prof.S.Sivaramakrishnan clarified that the course on "Research Methodology" could be included in either in Project or as elective course. It could not be offered as Add on course. Dr.S.Muthukumar agreed for the change.

Then the motion was put to vote and CARRIED.

11. Resolutions No. **8.1 to 8.13.** were moved **Dr.P.Vetriselvi**, Chairman & Head, Board of Studies in Statistics and seconded by **Dr.P.Madhanagopal**. Dr.S.Theenathayalan suggested to have a course title as “Population statistics” instead “Quantitative population studies” for a certificate course. Dr.P.Vetriselvi agreed for the change of title. Members queried about the usage of the term “Statistical Practicals” Dr.S.Theenathayalan and Dr.S.Dinakaran suggested to have a title as “Statistics Practical”. But Dr.P.Vetriselvi explained that the term “Statistical Practical” is widely used by the statisticians and also the term is used in curriculum of many higher education institutions offering statistics programmes. The forum agreed the explanation.

Then the motion was put to vote and CARRIED.

12. Resolutions No. **9.1 to 9.6.** were moved **Dr.M.Prema Rani**, Chairman & Head, Board of Studies in Physics, and seconded by **Prof.V.Meenakshi Sundaram**. Sri.S.Natanagopal, Secretary, MCB questioned the usage of the term “some appliances” in the title of certificate course. The Chairman clarified that since we could not offer the course on designing and servicing of all appliances, we give the course on some appliances.

Then the motion was put to vote and CARRIED.

13. Resolutions No. **10.1 to 10.6** were moved by **Dr.A.Xavier**, Chairman & Head, Board of Studies in Chemistry and seconded by **Dr.P.S.Harikrishnan**. While presenting resolution 10.2, Dr.S.Muthukumar suggested to give the resolution as two separate parts. Dr.A.Xavier agreed for the change. The motion was then thrown open for discussion. While presenting resolution, 10.5., The chairman questions the need of passing this resolution. Dr.A.Xavier explained that it is needed since the ancillary course structure is to be uniform for ancillary students of B.Sc. Botany and physics students. Further the ancillary course structure is similar for ancillary students from B.Sc. Zoology and Mathematics. While presenting resolution 10.6., Dr.S.Dinakaran queried that regarding Forensic Analysis (21P1CME2) course, whether the concentration was on chemistry aspects or also the biological components of Forensic analysis. Dr.A.Xavier replied that only chemistry component alone would be taught. Dr.S.Muthukumar queried about the status of syllabi of additional elective courses annexed in the concerned elective, which now converted as Add on course. Prof.S.Sivaramakrishnan explained that the Elective along with options in III semester removed totally, he explained.

Then the motion was put to vote and CARRIED.

14. Resolutions Nos.**11.1 to 11.6.** were moved by **Prof.S.Chellapandian**, Chairman & Head, Board of Studies in Botany and seconded by **Dr.P.Kannan**. The motion was then thrown open for discussion. As suggested, it was decided to split the resolution “11.1. as 11.1a & 11.1b. and the first resolution was on ratification and second one about the introduction of syllabi respectively. While reading resolution 11.5., Dr.S.Dinkaran questioned that need of PG Diploma in Plant Identification since courses on taxonomy is practised in UG and PG programmes. Dr.S.Theenathayalan also expressed the same opinion. Prof.S.Chellapandian replied that the depth at which the subjects were taught in higher classes vary from the level of teaching in schools. Hence, he asked the members to understand the depth of the course taught instead of the title. He argued his stand with examples from chemistry programmes, by citing organic chemistry, inorganic chemistry and physical chemistry in UG and PG programmes of Chemistry. Everyone agreed the concept and examples pointed by the HoD of Botany. Then the motion was put to vote and CARRIED.

15. Resolutions No.**12.1 to 12.2** were moved by **Dr.S.Dinakaran**, Chairman & Head, Board of Studies in Zoology and seconded by **Dr.L.D.Devasree**. He read the resolution with suggested revisions. The motion was then thrown open for discussion. Then the motion was put to vote and CARRIED.

16. Resolutions No.**13.1 to 13.7.** were moved by **Er.J.Rajendran**, Chairman & Head, Board of Studies in Computer Science and seconded by **Prof.R.Umasankari**. The motion was then thrown open for discussion. The members felt that the resolution 13.4 was repetitive. Hence, the **resolution 13.4 was withdrawn**. Dr.S.Muthukumar, queried of resolution 13.5., and the need of a different pattern by including project & viva-voce as a separate component. Er.J.Rajendran explained the need of Project and viva-voce as separate components for the UG students of computer science. Since members queried on the necessity of resolution 13.6, Er.J.Rajendran, with a concern of The chairman, **withdrawn resolution 13.6.**

Then the motion was put to vote and CARRIED.

17. Resolutions No.**14.1 to 14.6.** were moved by **Prof.K.Rajasaravanakumar**, Chairman & Head, Board of Studies in Information Technology and seconded by **Dr.N.Paneerselvam**. Er.J.Rajendran questioned about the inclusion of Project in workload in sixth semester. The chairman also clarified that project component could not be included in the regular workload and suggested the department to revise

the syllabi and discuss in the Board of Studies and get ratified in the next academic council meeting. Prof.K.Rajasaravanakumar agreed for the revision. Then the motion was put to vote and CARRIED.

18. Resolutions No.**15.1 to 15.6.** were moved by **Dr.N.Paneerselvam**, Chairman & Head, Board of Studies in Microbiology and seconded by **Prof.K.Rajasaravanakumar**. While passing resolution 15.3., Dr.S.Mutkukumar requested the BoS Chairman to list out the changes to be done in the mentioned courses in the resolution. The Chairman also appended that the departments could not do major changes in the content of core papers. He also requested the department to mention the list of changes in the resolution. Dr.N.Paneerselvam agreed for the revision. Then the motion was put to vote and CARRIED.

19. Resolutions No.**16.1 to 16.4.** were moved by **Dr.N.Paneerselvam**, Chairman & Head, Board of Studies in Biotechnology and seconded by **Prof.K.Rajasaravanakumar**. After a long deliberations, The Chairman requested the department to reframe the resolutions Dr.N.Paneerselvam agreed for the revision. Then the motion was put to vote and CARRIED.

20. Resolution No.**17.1.** was moved by **Prof.S.Sivaramakrishnan**, Dean (Academics) and seconded by **Dr.I.Sahul Hamid**, Dean (Planning & Development). Then the motion was put to vote and CARRIED.

21. The Chairman requested the University nominees, Dr.M.Thangaraj and Dr.T.Dharmaraj to give their observations and remarks. Dr.M.Thangaraj expressed his views about the deliberations of the academic council as follows:

1. Thanked all for the active deliberations and felt very happy to be a part of it.
2. He also congratulated and appreciated the meticulous planning in designing the curriculum. The voluminous courses offered by the college shows its rich experience.
3. Expressed his appreciation in adopting the Outcome Based Education (OBE) that help to get good scores in NAAC evaluation.
4. He also opined for the uniformity in hours and credits and viewed that computation is not uniform.

5. Suggested to include the contents/topics available in the particular web reference that enable the students to refer specific reference
6. He also stressed the departments to concur with the vision and mission of the college (not the vision and mission of the department as separate entity).
7. Also suggested to mention only 2-3 text books for the syllabi that would help poor students to buy and read.
8. Noticed a few typographical errors that should have been avoided, He also opined to avoid superfluous discussion in the forum.

Dr.T.Dharmaraj expressed his views as follows:

1. Appreciated the college for the meticulous planning and execution.
 2. Expressed his expectation on the valuation methods for the attainments accomplished.
 3. He suggested to have discussions on the structure and quality of curriculum.
 4. He felt happy about implementation of OBE, However, he opined to keep in mind on status of Tamilnadu government on implementation of OBE since it could ease approval of the programmes from Tamilnadu government.
 5. He again stressed to look into pedagogical and structural changes that could be discussed more in the forum.
22. The Member secretary, Dr.R.Eswaran proposed vote of thanks .
23. The Chairman adjourned the Academic Council followed by the National Anthem.

Dr.R.Eswaran

Member Secretary

Dr.J.Suresh

Principal & Chairman