



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

ACADEMIC COUNCIL

Date: 14.08.2020

NOTICE

An ordinary online meeting of the Academic Council will be held on 26.08.2020 (Wednesday) from 10.00a.m. through Google Meet. Resolutions from the Board of Studies and Private resolutions may be submitted to the Member Secretary, Academic Council (eswaran@maduracollege.edu.in) on or before 17th August 2020. Last date for the withdrawal of resolution will be 19th August 2020 upto 3.30 pm.

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 26.08.2020

1. Prayer
2. Welcome Address : The Chairman, Academic Council
3. Confirmation of the Minutes of the previous Academic Council Meeting held on 10.07.2019
4. Resolutions of Boards of Studies from various Departments
5. Any other subjects brought forward by the Chairman
6. Observation & Remarks by the External Members
7. Vote of Thanks : Member Secretary
8. National Anthem

II. BUSINESS BROUGHT FORWARD BY THE CHAIRMAN

Ordinance 1 (1) of 2020-21

Resolved that the following ordinance 1(1) of 2020-21 of the Ordinances of the chairman of the Academic council be approved and be recommended for consideration of the Governing body of the college.

To introduce an additional section in B.Com (General) in the self-financing stream from the academic year 2020-21 onwards subject to affiliation by the Madurai Kamaraj University.

III. RESOLUTIONS BROUGHT FORWARD BY THE HEADS OF THE DEPARTMENT

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 18.03.2020.

- 1.1. Resolved to introduce the revised syllabi for Part-I Tamil (I to IV semesters) with Choice Based Credit System (CBCS) and Outcome Based Education (OBE) pattern, evaluation components and question paper pattern for those students who join B.Sc. and B.A., (Regular and Self) from the academic year 2020-2021 (**pp 1-15**).
- 1.2. Resolved to introduce the syllabi for Part-I Tamil (I & II semesters) with CBCS and OBE pattern, evaluation components and question paper pattern for first year students of Commerce who join from the academic year 2020-2021 (**pp 2-4, 16-25**).
- 1.3. Resolved to introduce the revised syllabi with CBCS and OBE pattern for I year students of B.A. Tamil who join from the academic year 2020-2021 onwards (**pp 27-49**).
- 1.4. Resolved to introduce a new certificate course titled “**பேச்சுக்கலை**” for all the UG and PG students (**P 26**).

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 18.03.2020.

- 2.1. Resolved to introduce the revised syllabi for Part-I Hindi (I to IV semesters) with CBCS and OBE pattern, evaluation components and question paper pattern for all the students who join B.A./B.Sc. from the academic year 2020-21 onwards under both Regular and Self Finance Stream (**pp 50-57**).
- 2.2. Resolved to introduce the revised syllabi for Part-I Hindi (I & II semesters) with CBCS and OBE pattern, evaluation components and question paper pattern for the students who join B.Com (Aided & SF), B.Com (Professional Accounting-SF), B.Com (Banking & Insurance-SF) & B.Com (Capital Markets-SF) from the academic year 2020-21 onwards (**pp 51-52, 58-61**).

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 18.03.2020.

- 3.1. Resolved to introduce the revised syllabi for Part-I Sanskrit (I to IV semesters) with CBCS and OBE pattern, evaluation components and question paper pattern for the students who join B.A. /B.Sc. from the academic year 2020-21 onwards under both Regular and Self Finance Stream (**pp 62-77**).
- 3.2. Resolved to introduce the revised syllabi for Part-I Sanskrit (I & II semesters) with CBCS and OBE pattern, evaluation components and question paper pattern for the students who join B.Com (Aided & SF), B.Com (Professional Accounting-SF), B.Com (Banking & Insurance-SF) & B.Com (Capital Markets-SF) from the academic year 2020-21 onwards (**pp 62-64, 78-89**).

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 18.03.2020.

- 4.1. Resolved to introduce revised syllabi for B.A English under CBCS pattern with OBE Model from the academic year 2020-2021 onwards (**pp 106-140**).
- 4.2. To introduce part II English for Semester I of all the U.G programmes (B.A., B.Sc. & B.Com.) as per letter received from the Higher Education Secretary (Ref: Higher Education 3282/k2/2020) dated. 04/03/2020. In the event of any delay in receiving the syllabi as proposed in the letter, the department will incorporate the syllabi based on CLIL as prescribed by TANSCHÉ (**pp 92, 96-100**).
- 4.3. Resolved to incorporate part-II English syllabi for Semesters II, III& IV of all the U.G programmes, as prescribed by TANSCHÉ based on CLIL, from the academic year 2020-2021 onwards (**pp 91-95, 101-105**).
- 4.4. Resolved to restructure the syllabus for certificate course on “Spoken English” for the students to be admitted from the academic year 2020-2021 onwards.
- 4.5. Resolved to include the texts as envisaged by students in their feedback.

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 18.03.2020.

- 5.1. Resolved to introduce new syllabi for I BA Economics with OBE model under CBCS pattern from the academic year 2020-21 onwards (**pp 141-175**).
- 5.2. Resolved to restructure the syllabi for III BA Economics for the students who have been admitted from the academic year 2018-19 (**pp 176-201**).
- 5.3. Resolved to introduce common syllabi for Business Economics and International Economics courses for the I year B.Com. Aided and I B.Com. Self-financing (General / Professional Accounting / Banking & Insurance / Capital Markets) for the students to be admitted from the academic year 2020-2021 onwards (**pp 202-213**).

5.4. Resolved to introduce papers titled Economic Thinkers and Retail Marketing based on feedback of the parents & students for the students who have been admitted during the academic year 2018-2019 (pp 144, 189, 196-197).

5.5. Resolved to follow the pattern of CIA and Summative Examination as prescribed by the academic council for UG programme.

6) FROM THE BOARD OF STUDIES OF COMMERCE DEPARTMENT

Dr.A.Mayilmurugan, 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 18-03-2020.

6.1. Resolved to approve the Structure and syllabi for III year B.Com (Capital Markets) under SF stream for fifth and sixth semester with internship training for the students who have joined from the academic year 2018-19 onwards (pp 214-230).

6.2. Resolved to approve common syllabi for First year (I & II semester) for all the programmes of B.Com. under Aided and Self Financing Stream for the students who join from the academic year 2020-21 onwards (pp 231-248).

6.3. Resolved to approve a revised OBE curriculum for B.Com. programme structure for each stream and syllabi for the first year B.Com (Aided & SF), B.Com (Professional Accounting-SF), B.Com (Banking & Insurance-SF) & B.Com (Capital Markets-SF) for first & second semesters for the students who join from the academic year 2020-21 onwards (pp 249-305).

6.4. Resolved to approve the syllabus of a Certificate course on “Financial Markets: A Beginners’ Module” during the second semester for the students of B.Com (Capital Markets) as add-on course with extra 3 credits for the students who join from the academic year 2020-21 onwards (pp 311-313).

6.5. Resolved to place the suggestions given in the PTA meeting and students’ feedback session for discussions in BoS. Based on the discussion in the BoS recent developments in commerce and business arenas were introduced in the curriculum viz., ICT related course, service marketing, Accounting Package with GST and Industrial training & Industrial visit for practical exposure (pp 223, 228-229, 271-277).

6.6. Resolved to ratify the certificate course ‘Goods and Services Tax & Accounting Package’ offered and conducted for the students for the academic year 2019-20 (pp 306-308).

6.7. Resolved to approve the syllabi for the following two certificate courses with OBE Model from the academic year 2020-21 onwards (pp 306-310).

Goods and Services Tax & Accounting Package
Entrepreneurial Development & Start-ups

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 18.03.2020.

7.1. Resolved to approve the syllabi along with question paper pattern for Internal and External examinations for I B.Sc., Mathematics from the academic year 2020 onwards (pp 314-354).

7.2. Resolved to approve the ratification of the syllabi of the following certificate courses being conducted by Department of Mathematics for all UG and PG students of Madura College from December 2019 onwards (pp 355-357).

1. Certificate course on Visual Basic Programming
2. Certificate course on Decision Making and Investment Analysis.

7.3. Resolved to approve the syllabi for the certificate course titled “Certificate course on Latex” for the PG students of the Madura College from July 2020 onwards (pp 355, 358).

8) FROM THE BOARD OF STUDIES OF STATISTICS DEPARTMENT

Dr.S.Muthukumar, Chairman, Board of Studies in Statistics, shall move and **Dr.C.Thangapandi** shall second the following resolutions passed in the Board of studies meeting held on 18.03.2020.

8.1. Resolved to approve the syllabi along with question paper pattern for internal and external examinations for I B.Sc., Statistics from the academic year 2020-2021 onwards (pp 359-400).

8.2. Resolved to approve the syllabus for II M.Sc., Statistics major students who joined the course from 2020-2021 onwards in aided stream (pp 401-423).

8.3. Resolved to ratify the syllabi of the following certificate course being conducted by Statistics for PG students of Madura College from August 2019 onwards (pp 424, 426).

1. Certificate course on Statistical analysis using R Programming.

8.4. Resolved to introduce the syllabi for certificate courses titled

1. Statistical Packages for Social Sciences.
2. Statistical Data Analysis using Excel.
3. Quantitative Aptitude for Competitive Examinations
for the PG students of Madura College from 2020-2021 onwards (pp 424-425, 427-429).

9) FROM THE BOARD OF STUDIES OF PHYSICS DEPARTMENT

Dr.R.Saravanan, Chairman, Board of Studies in Physics, shall move and **Dr.M.Prema Rani** shall second the following resolutions passed in the Board of studies meeting held on 18.03.2020.

9.1. Resolved to introduce the curriculum structure based on outcome based education for B.Sc., Physics students who join the course from the academic year 2020-2021 onwards both in aided and in self financed stream (pp 430-438).

9.2. Resolved to introduce the revised syllabi based on outcome based education along with the blue prints for question papers for I year B.Sc., Physics students who join the course from academic year 2020-2021 onwards both in aided and in self finance stream (pp 440-460).

9.3. Resolved to introduce the ancillary syllabi based on outcome based education along with the blue prints for question papers for B.Sc., Mathematics and B.Sc., Chemistry students who join the course from academic year 2020-2021 onwards both in aided and in self financed stream (pp 439, 461-476).

- 9.4. Resolved to ratify the syllabi for the value added courses (i) Advanced techniques for smart phone service and troubleshooting and (ii) Energy Harvesting, offered from the academic year 2019-2020 (pp 477-479).

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 18.03.2020.

- 10.1. Resolved to implement the syllabi for B.Sc. Chemistry 1st year, evaluation components and question paper pattern for those who join B.Sc. Chemistry from the academic year 2020-21 (pp 480-487, 489-510).
- 10.2. Resolved to implement the syllabi for Ancillary Chemistry, evaluation components and Question paper pattern for those who join B.Sc. Mathematics, Physics, Botany and Zoology from the academic year 2020-21. The students of Botany and Zoology will study the ancillary Chemistry in their first year and the students of Mathematics and Physics will study the ancillary Chemistry in their second year (pp 488, 511-522).
- 10.3. Resolved to implement the syllabi for Ancillary Chemistry, evaluation components and question paper pattern for those who join B.Sc. Maths, Physics, Microbiology and Biotechnology in SF stream from the academic year 2020-2021 onwards. The students of Biotechnology and Microbiology will study the Ancillary Chemistry in their first year and the students of Mathematics and Physics will study the Ancillary Chemistry in their second year (pp 488, 511-522).
- 10.4. Resolved to implement a Certificate course in “purification and characterization of compounds” from the academic year 2020-21 (P 523).

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 18.03.2020.

- 11.1. Resolved to introduce course structure and the revised syllabi adopting Outcome based education model and question paper pattern for B.Sc. Botany Students who join the course from the academic year 2020-2021 onwards (pp 524-551, 565).
- 11.2. Resolved to introduce the revised syllabi and question paper pattern for Ancillary Botany students who join B.Sc.(Zoology) from the academic year 2020-2021 onwards (pp 526, 552-565).

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 18.03.2020.

- 12.1. Resolved to implement the revised overall course structure for B.Sc. Zoology under CBCS with OBE pattern for the students who join the course from the academic year 2020-2021 onwards (pp 566-572).
- 12.2. Resolved to introduce the revised syllabi with CBCS and OBE pattern, evaluation components and question paper pattern for I year students of B.Sc. Zoology who join from the academic year 2020-2021 onwards (pp 574-595, 606-609).

12.3. Resolved to introduce the revised syllabi with CBCS and OBE pattern, evaluation components and question paper pattern in ancillary Zoology for I B.Sc. Chemistry students who join from the academic year 2020-2021 onwards (pp 573, 596-605, 610-613).

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 18.03.2020.

13.1. Resolved to implement the revised syllabus with CBCS and OBE model for First Year B.Sc. Computer Science students of both Aided and Self-finance stream for those who will join from the academic year 2020-21 onwards (pp 614-643).

13.2. Resolved to introduce a certificate course “Desktop publishing (DTP- Adobe Photoshop & flash)” from the academic year 2020-21 onwards during even semester (pp 644-645).

14) FROM THE BOARD OF STUDIES OF INFORMATION TECHNOLOGY DEPARTMENT

Dr.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 18.03.2020.

14.1. Resolved to implement the revised overall course structure for B.Sc., Information Technology in the Self-financing stream under CBCS with OBE pattern for the students who join the course from the academic year 2020-2021 onwards (pp 646-653).

14.2. Resolved to implement the revised syllabi for B.Sc., Information Technology under CBCS with OBE pattern for the first and second semesters for the students who are joining from the academic year 2020-2021 onwards (pp 654-683).

15) FROM THE BOARD OF STUDIES OF MICROBIOLOGY DEPARTMENT

Dr.N.Paneerselvam, Chairman, Board of Studies in Microbiology, shall move and **Dr.K.Rajasaravanakumar** shall second the following resolutions passed in the Board of studies meeting held on 18.03.2020.

15.1. Resolved to implement the revised overall course structure for B.Sc., Microbiology in the Self-financing stream under CBCS with OBE pattern for 3years for the students who are joining from the academic year 2020-2021 onwards (pp 684-689).

15.2. Resolved to implement the revised syllabi for B.Sc., Microbiology under CBCS with OBE pattern for the first and second semesters for the students who are joining from the academic year 2020-2021 onwards (pp 690-714).

15.3. Resolved to implement revised ancillary papers in Microbiology syllabi under CBCS with OBE pattern for II year B.Sc., Biotechnology students who are joining from the academic year 2020-2021 onwards (pp 689, 715-727).

15.4. Resolved to introduce a certificate course on Mushroom Technology for B.Sc., Microbiology students under the Self-financing stream (pp 689, 728-729).

16) FROM THE BOARD OF STUDIES OF BIOTECHNOLOGY DEPARTMENT

Dr.N.Paneerselvam, Chairman, Board of Studies in Biotechnology, shall move and **Dr.K.Rajasaravanakumar** shall second the following resolutions passed in the Board of studies meeting held on 18.03.2020.

16.1. Resolved to implement the revised overall course structure for B.Sc. Biotechnology in the self-financing stream under CBCS with OBE pattern for three years for the students who are joining from the academic year 2020-2021 onwards (pp 730-733).

16.2. Resolved to implement the revised syllabi for B.Sc. Biotechnology under CBCS with OBE pattern for the first and second semesters for the students who are joining from the academic year 2020-2021 onwards (pp 734-752).

16.3. Resolved to introduce a certificate course on Clinical Laboratory Technology for B.Sc. Biotechnology students under the Self-financing stream (pp 733, 753-754).

17) FROM DEAN (ACDEMIC)

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

17.1. Resolved to approve the panel of experts to be nominated for Board of Studies in all degree programmes for the period of two years with effect from the academic year 2020-21.

17.2. Resolved to award “FIRST CLASS WITH DISTINCTION” as a class in all Undergraduate programmes to students who clear all papers in the first attempt and secure atleast 75% in their Part – III for the students who join from the academic year 2020-21 onwards.

18) FROM THE MEMBER – PRIVATE RESOLUTION

18.1. **Prof.S.Chellapandian** shall introduce and **Dr.S.Dinakaran** shall second the common syllabus for a paper titled, “Environmental science and Gender Awareness” for all UG programs under both the aided and self-financed streams as a mandatory requirement of TANSICHE for all UG students who join from the academic year 2020-21 onwards (pp 761-766).

18.2. **Dr.S.Theenathayalan** shall move and **Dr.A.Mayilmurugan** shall second the common syllabus for a paper titled, “Value education and Professional ethics” as mandated by TANSICHE for all UG students who join from the academic year 2020-21 onwards (pp 755-760).

IV. Any Other Subject



Dr. R. Eswaran
Member Secretary



Dr. J. Suresh
Principal & Chairman

I. CONFORMATION OF MINUTES OF THE PREVIOUS ACADEMIC COUNCIL MEETING HELD ON 26.08.2020.



THE MADURA COLLEGE

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

MADUARI -625 011

MEETING OF THE ACADEMIC COUNCIL

Date: 26.08.2020 (Wednesday)

Venue: Online at Google Meet
(<https://meet.google.com/kgj-rjlt-pzg>)

Time: 10:00 a.m.

MINUTES OF THE ACADEMIC COUNCIL MEETING

A meeting of the Academic council was held through online mode at Google meet (<https://meet.google.com/kgj-rjlt-pzg>) on Wednesday, 26th August 2020.

1. The meeting was called to order by the Principal-cum-Chairman of the Academic council, Dr. J. Suresh and the meeting started with the college prayer. The Chairman, Academic council (here after Chairman) welcomed Sri. N. S. Krishnan, President, Madura College Board (MCB), Sri. S. Natanagopal, Secretary, MCB, Sri. N. Anand Srinivasan, Treasurer, MCB, Sri. S. Sankaran, Director, MCB, Sri. R. Sridharan, Director, MCB, Dr. R. Sudha, Professor and Head, Department of French, School of English and Foreign Languages & University Nominee, Dr. H. Shakila, Professor and Head, School of Biotechnology & University Nominee and all other members of the Academic council to the first meeting of Academic council of the academic year 2020-21. He also gave a prelude about Outcome Based Education (OBE) and its importance in the current scenario of paradigm shift in Higher education. He necessitated the need of OBE adoption by quoting from Darwin's words, "It is not the strongest who survive but the one most response to change". Also highlighted about the want of transparency in Higher education, outcome based shift in curriculum design and excellence of student centric model. He appreciated the sincere efforts taken by the members of OBE committee in the design and implementation of OBE.
2. The Minutes of the previous Academic council meeting, held on 10.07.2019, was confirmed and passed.
3. Resolutions No. 1.1 to 1.4 were moved by **Dr. S. Dhanasamy**, Chairman, Board of Studies (BoS) in Tamil and seconded by **Dr. A. Atheeswari**. Prof. S. Chellapandian suggested to change the title of a certificate course, "Art of Elocution" into "ஔப்ச்சுக்கலை". The Chairman, BoS in Tamil agreed to change the title. Then, the motion was put to vote and CARRIED.
4. Resolutions No. 2.1 and 2.2 were moved by **Prof. S. Murali**, Chairman, BoS in Hindi and seconded by **Dr. S. Dinakaran**. Dr. N. Sriman Narayanan, Controller of Examination (CoE) pointed out the unmatched nature of question pattern proposed. He emphasized four sections of questions such as Sections A, B, C & D that is followed in the curriculum of almost all the departments. Prof. S. Murali explained the difficulty in following such uniform question pattern by elucidating the factors such as very fundamental nature of the syllabi, tutoring the subject from very basic level, students' difficulty to cope up with higher objective questions. Sri. S. Natanagopal, Secretary, MCB, queried about the question pattern followed in the other language departments. Members deliberated about the different facets of following uniformity in question pattern for the language courses. The Chairman concluded and emphasized the need of uniformity in curriculum design and implementation. Prof. S. Murali assented to change the question pattern. Then, the motion was put to vote and CARRIED.
5. Resolutions No. 3.1 and 3.2 were moved by **Prof. P. Manikandan**, Chairman, BoS in Sanskrit and seconded by **Prof. S. Murali**. Sri. S. Natanagopal, Secretary, MCB, queried about the difficulty if any in following the uniform question pattern in Sanskrit language courses. Prof. P. Manikandan ascertained that no difficulty in following uniform question pattern. Then, the motion was put to vote and CARRIED.
6. Resolutions No. 4.1 to 4.5 were moved by **Dr. R. Subramony**, Chairman, BoS in English and seconded by **Dr. Sheela P. Karthick**. Sri. S. Natanagopal, Secretary, MCB, highlighted the question pattern with only three sections such as A, B & C in Page number 101. Dr. R. Subramony explained that the consensus arrived at

the BoS meeting after a long discussion. The Chairman intervened and clarified that the syllabi for the Part-II language should be as per Tamil Nadu State Council for Higher Education (TANSCHÉ) norms. Chairman added, "It is mandatory for the colleges of Tamil Nadu to follow the syllabi proposed by TANSCHÉ for Part-II languages, as per recent communication received from TANSCHÉ". He further recapitulated that the syllabi proposed in this meeting was a substitute for the TANSCHÉ syllabi and we may need to follow standard TANSCHÉ syllabi once the orders passed by TANSCHÉ. Then, the motion was put to vote and CARRIED.

7. Resolutions No. **5.1 to 5.5** were moved by **Dr. S. Theenathayalan**, Chairman, BoS in Economics and seconded by **Dr. S. Karthikeyan**. Dr. S. Theenathayalan requested to read the resolution 5.3 as "*Resolved to introduce common syllabi for Business Economics and International Economics courses for the I year B.Com. Aided and I B.Com. Self-financing (General / Professional Accounting / Banking & Insurance / Capital Markets) for the students to be admitted from the academic year 2020-2021 onwards (pp 204-208; 247-253)*". Sri. S. Natanagopal, Secretary, MCB, suggested to include NITI Aayog in the syllabus. Dr. S. Theenathayalan accepted to incorporate it. Then, the motion was put to vote and CARRIED.
8. Resolutions No. **6.1 to 6.7** were moved by **Dr. A. Mayilmurugan**, Chairman, BoS in Commerce and seconded by **Dr. S. Selvakumar**. Sri. S. Natanagopal, Secretary, MCB, recommended to add group discussion skills as a part in Unit-V of the course, 17U6KSM6-Soft Skills, in Page number 226. Dr. A. Mayilmurugan agreed for the inclusion. Then, the motion was put to vote and CARRIED.
9. Resolutions No. **7.1 to 7.3** were moved by **Dr. S. Muthukumar**, Chairman, BoS in Mathematics and seconded by **Dr. I. Sahul Hamid**. Dr. S. Muthukumar requested the members to refer to Page number 321 and read Part I as Part II and vice versa in references column. In resolution 7.2, he asked the members to read "rectification" as "ratification". Dr. S. Karuppasamy, Deputy Controller of Examination (DCoE) questioned whether the syllabi for the certificate courses included in the Academic council book. Dr. S. Muthukumar emphasized that the syllabi would be included in the revised copy of the Academic council book. Then, the motion was put to vote and CARRIED.
10. Resolutions No. **8.1 to 8.4** were moved by **Dr. S. Muthukumar**, Chairman, BoS in Statistics and seconded by **Dr. I. Sahul Hamid**. Dr. S. Muthukumar requested the members to read resolution 8.1. as "*Resolved to approve the syllabi along with question paper pattern for internal and external examinations for I B.Sc., Statistics from the academic year 2020-2021 onwards*". Dr. N. Sriman Narayanan, CoE, pointed out the discrepancy in credits in overall programme structure and in syllabus of the course in Page numbers 355, 356 and 363. Dr. S. Muthukumar accepted to modify as per the programme structure table in the corrected copy of the Academic council book. He also requested the members to read resolution 8.2. as "*Resolved to approve the syllabus for II M.Sc., Statistics major students who joined the course in July, 2019 onwards with aided stream*". In addition, he requested the members to read the word "rectify" in Resolution 8.3. as "ratify". Dr. S. Karuppasamy, DCoE, pointed out the inclusion of syllabi for the certificate courses in the revised copy of Academic council book. Dr. S. Muthukumar agreed to add the syllabus in the revised copy.

Dr. R. Sudha, University nominee queried the duration of the certificate course and suggested to rename the certificate course as the value added course. The chairman explained that the teaching duration of the certificate course per semester as 30 hours and also agreed to consider the renaming of the certificate courses as value added courses after consulting with Heads of the Departments. Er. J. Rajendran questioned the facilities and the skilled human resources for conducting more specialized certificate courses on computer science such as Visual basic. He opined that the specialized certificate courses on a subject should be run by the department of subjects concerned and not by other departments. Dr. S. Muthukumar highlighted about the need for the mathematics and statistics students to develop skills on computer programs. Further, he added that the choice for the joining of a certificate course was open for the students;

they have a freedom to choose certificate course(s) offered by any department. The chairman recapitulated that the objectives of offering certificate courses are to enrich the students' skill in the applied branches of Science/Arts. Hence, a department can bring certificate courses in related disciplines by considering the need of their students. He also requested the departments to reconcile in bringing the certificate courses. Then, the motion was put to vote and CARRIED.

11. Resolutions No. **9.1 to 9.4** were moved by **Dr. M. Prema Rani**, Chairman, BoS in Physics and seconded by **Prof. V. Meenakshi Sundaram**. Dr. M. Prema Rani requested the members to refer resolutions 9.2. & 9.3 and read "June 2020 onwards" as "academic year 2020-2021 onwards". Then, the motion was put to vote and CARRIED.
12. Resolutions No. **10.1 to 10.3** were moved by **Dr. A. Xavier**, Chairman, BoS in Chemistry and seconded by **Dr. P.S. Harikrishnan**. Dr. A. Xavier asked permission to change the resolution 10.2. The chairman suggested to give it in addendum. Dr. A. Xavier agreed and presented the Addendum as follows:
"Resolved to implement the syllabi for Ancillary Chemistry, evaluation components and question paper pattern for those who join B.Sc. Maths, Physics, Microbiology and Biotechnology in SF stream from the academic year 2020-2021 onwards. The students of Biotechnology and Microbiology will study the Ancillary Chemistry in their first year and the students of Mathematics and Physics will study the Ancillary Chemistry in their second year (pp478; 501-512)".
Then, the motion was put to vote and CARRIED.
13. Resolutions No. **11.1 to 11.2** were moved by **Prof. S. Chellapandian**, Chairman, BoS in Botany and seconded by **Dr. P. Kannan**. Dr. H. Shakila, University nominee suggested to start certificate course in Horticulture and Herbal Technology. Dr. G. Sivasubramanian also suggested take up green campus initiations. Prof. S. Chellapandian appreciated the suggestions given by members and agreed to start certificate courses in the coming years. He also narrated the steps taken by the department towards Green Campus mission.
Then, the motion was put to vote and CARRIED.
14. Resolutions No. **12.1 to 12.3** were moved by **Dr. S. Dinakaran**, Chairman, BoS in Zoology and seconded by **Dr. L.D. Devasree**. Dr. H. Shakila suggested to start Certificate courses in Sericulture, Vermitechnology, Dairy Technology, Animal disease and Health. Dr. S. Dinakaran elucidated the meager facility and space as a constraint for the running a certificate courses. He elated and registered the successful conduct of Certificate and Diploma Course in Medical Lab Technology by the department under the UGC funded programme. The chairman intervened and apprised the approval given by management for the erection of Vermibed in our college campus. Dr. S. Karuppasamy, DCoE, doubted about Resolution 12.3. as the department offer ancillary only to Chemistry students. Dr. S. Dinakaran clarified that Department offers Ancillary papers also to II B.Sc. Botany students.
Then, the motion was put to vote and CARRIED.
15. Resolutions No. **13.1 and 13.2** were moved by **Er. J. Rajendran**, Chairman, BoS in Computer Science and seconded by **Prof. R. Umasankari**. Members unanimously agreed the resolutions.
Then, the motion was put to vote and CARRIED.
16. Resolutions No. **14.1 and 14.2** were moved by **Prof. K.Rajasaravanakumar**, Chairman, BoS in Information Technology and seconded by **Dr. N. Paneerselvam**. Members unanimously agreed the resolutions.
Then, the motion was put to vote and CARRIED.
17. Resolutions No. **15.1 and 15.4** were moved by **Dr. N. Paneerselvam**, Chairman, BoS in Microbiology and seconded by **Prof. K.Rajasaravanakumar**. Members unanimously agreed the resolutions.
Then, the motion was put to vote and CARRIED.

18. Resolutions No. **16.1 and 16.3** were moved by **Dr. N. Paneerselvam**, Chairman, BoS in Microbiology and seconded by **Prof. K.Rajasaravanakumar**. Dr. S. Dinakaran interrogated that the conduct of the certificate course in Medical Lab Technology as it requires following guidelines from medical board and needing of skilled professionals. He recalled the collaboration made with professionals from Rajaji Government Hospitals, Madurai during the conduct of the course in Zoology department. The Chairman requested the department to strictly follow guidelines from government.
Then, the motion was put to vote and CARRIED.
19. Resolutions No. **17.1** was moved by **Prof. S. Sivaramakrishnan**, Dean (Academic) and seconded by **Dr. I. Sahul Hamid**, Dean (Planning & Development). Members unanimously agreed the resolution.
Then, the motion was put to vote and CARRIED.
20. Resolutions No. **18.1** was moved by **Prof. S. Chella Pandian**, and seconded by **Dr. S. Dinakaran**. Dr. S. Theenathayalan suggested to change the title as Environmental studies instead of Environmental Science. Prof. S. Chellapandian clarified that Environmental Science is a more focused term than Environmental studies. Dr. S. Muthukumar, Dean (Administration) also suggested to change the title as “Environmental studies” as this paper is a common paper to be taught in the Under-graduate courses as per UGC guidelines. Dr. S. Theenathayalan also added that the title, Environmental studies, is followed in many of the colleges under Madurai Kamaraj University (MKU) as per TANSICHE to meet UGC standard. Tracing the history and factors for inclusion of this paper, Prof. S. Chellapandian highlighted the importance of scientific approach to the Environment instead of a mere study and thus he insisted to retain it as “Environmental science”. Only then, students will have the attitude to preserve and sustain the components of different ecosystems. The chairman cautioned that the title must be relevant with content and he suggested to keep the title as Environmental Science and if needed to change the title then we may have to change the syllabus too. Dr. S. Dinakaran also reiterated that the contents should be more relevant than a use of specific technical jargon. Finally, the Chairman recapitulated that the title of the course can be “Environmental Science”.
Then, the motion was put to vote and CARRIED.
21. Resolutions No. **19.1** was moved by **Dr. S. Theenathayalan** and seconded by **Dr. A. Mayilmurugan**. Members unanimously agreed the resolution.
Then, the motion was put to vote and CARRIED.
22. The chairman requested the Secretary, MCB and University nominees to give their observations and remarks. Dr. R. Sudha appreciated the Academic council for the healthy deliberations. She also suggested to add more practical components in the certificate course. Dr. H. Shakila also praised the college as the first college under MKU conducted the Academic council meeting in online mode and appreciated the entire team for the successful conduct of the academic council meeting. She also suggested to start more value added courses. The chairman agreed to the suggestions and also envisioned that two certificate courses from a department per year now will result to have 5 or 6 certificate courses in each department after three years.

The member Secretary, Dr. R. Eswaran proposed vote of Thanks.

The Chairman adjourned the meeting of the Academic council after singing of the National Anthem by all.



Dr.R.Eswaran
Member Secretary



Dr.J.Suresh
Principal & Chairman