SOURASHTRA COLLEGE

(AUTONOMOUS)

(A Linguistic Minority Co-Educational Institution)

Affiliated to Madurai Kamaraj University

Reaccredited with 'B+' Grade by NAAC

Vilachery Main Road, Pasumalai (PO)

MADURAI - 625 004



Syllabi of various Departments presented at

ELEVENTH ACADEMIC COUNCIL MEETING

31.03.2021

CONTENTS

UG (I and II SEMESTER), PG (I and II SEMESTER) (Syllabus under CBCS based on OBE)

(with effect from 2021 - 22)

S. No.	No. Particulars				
VOLUME - I					
1.	List of the Eleventh Academic Council Members	IV			
2.	Agenda for the XI Academic Council Meeting	IX			
3.	Minutes of the XI Academic Council Meeting	XI			
4.	Syllabus – Part – I: Tamil	1			
5.	Syllabus – Part – I Hindi	9			
6.	Syllabus – Part – I Sanskrit	15			
7.	Syllabus – Part – II English	21			
8.	Syllabus – B.A English	26			
9.	Syllabus – Bachelor of Business Administration (B.B.A)	53			
10.	Syllabus – B.Com	72			
HV	Syllabus – B.Sc. Mathematics	93			
12.	Syllabus – B.Sc. Physics	117			
13.	Syllabus – B.Sc. Chemistry	140			
14.	Syllabus – B.Com. Corporate Secretaryship	159			
15.	Syllabus – B.Sc. Computer Science	178			
16.	Syllabus – M.A. English	203			
17.	Syllabus – M.Com	244			
18.	Syllabus – M.Sc. Mathematics	277			
19.	Syllabus – Economics	309			
20.	Syllabus – Botany	323			
21.	Question Pattern - External Examinations				

S. No.	Particulars	Page No.
	VOLUME - II	
22.	List of the Eleventh Academic Council Members	
23.	Agenda for XI Academic Council Meeting	IX
24.	Minutes of the XI Academic Council Meeting	XI
25.	Syllabus – B.Sc. Biochemistry	335
26.	Syllabus – B.Sc. Microbiology	365
27.	Syllabus – B.Com	394
28.	Syllabus – B.Com. Computer Applications	415
29.	Syllabus – B.Sc. Physics	438
30.	Syllabus – B.Sc. Computer Science	461
31.	Syllabus – B.Sc. Information Technology	486
32.	Syllabus – Bachelor of Computer Applications (B.C.A)	510
33.	Syllabus – B.Sc. Mathematics with Computer Applications	533
34.	Syllabus – B.A. Tamil	555
35.	Syllabus – M.Com. Computer Applications	580
36.	Syllabus – Master of Business Administration (M.B.A)	610
37.	Syllabus – Master of Computer Applications (M.C.A)	655
38.	Question Pattern – External Examinations	

ELEVENTH ACADEMIC COUNCIL MEMBERS

Secretary and Correspondent : Dr. D. R. Kumaresh

Chairman : Prof. N. H. Sarayanan

Principal (i/c)

Dean of Academic affairs : Prof. T. N. K. Kavitha

Assistant Professor,

Dept. of English and Research Centre

Deputy Dean : Dr. N. M. Mekala

Assistant Professor,

Dept. of Commerce and Research Centre

MADURAI KAMARAJ UNIVERSITY NOMINEES

Dr. M. Thangaraj
Member Syndicate
Professor & Head
Chairperson
School of Information Technology
Madurai Kamaraj University
Madurai - 625 021.

Dr. V. Jeyaveerapandian

Professor
Department of Physical Education
School of Education
Madurai - 625 021.

Dr. C. Gopinathan

Professor & Head
Department of Solar Energy
School of Energy
Environment and Natural Resources
Madurai Kamaraj University
Madurai - 625 021.

EXTERNAL EXPERTS

Thiru. M. V. Sathiyamoorthy

Industrialist
Plot No:431, I floor, 9th East Main Road, K.K.Nagar,
Madurai – 625 020.

Thiru. T. R. Subramanian

160-A/7, Kamarajar Salai, Azhagar Nagar, Near Nirmala Girls HSS, Madurai - 625 009.

Thiru. A. P. Jegadeesh

Chartered Accountant 24, 2nd Floor, Kamarajar Salai Madurai - 625 009.

Thiru, N. Ramanathan

The Manager Canara Bank Sourashtra College Branch Madurai – 625004.

SPECIAL INVITEES

Lt. Dr. K.R. Srinivasan

Controller of Examinations

Dr. J. Duraichamy

Deputy Controller of Examinations

Dr. V. K. Vijayakumar

NAAC Co-ordinator

Dr. T. D. Venkateswaran

IQAC Co-ordinator

TEACHERS REPRESENTATIVES

Prof. E. B. Balaraman

Dept. of Mathematics

Prof. K. M. Poornima

Dept. of Physics

Dr. J. Duraichamy

Dept. of Commerce and Research Centre

Dr. K. K. Vijayakumar

Dept. of Commerce (SF)

MEMBER SECRETARY

Prof. T. R. Dinakaran

Dept. of Mathematics

CHAIRMEN OF VARIOUS BOARDS

NAME OF THE DEPARTMENT/BOARD	CHAIRMAN	
Tamil	Dr. R. R. Kubendran	
Hindi	Dr. Rohini Pandian	
Sanskrit	Dr. A. Gunaseelan	
English (B.A., M.A., PART-II)	Dr. M. R. Rashila	
Business Administration (BBA)	Dr. M.S. Balaji	
Corporate Secretaryship (B.Com-CS)	Dr. K. G. Nalina	
Commerce (B.Com., M.Com.,)	Dr. J. Duraichamy	
Mathematics (B.Sc., M.Sc.,)	Dr. V. Ramamani	
Physics (B.Sc.,)	Dr. A. K. Balasubramanian	
Chemistry (B.Sc.,)	Dr. V. Sathiyendiran	
Computer Science (B.Sc.,), (MCA)	Dr. V. K. Vijayakumar	
BCA	Prof. O.K. Hariharan	
Biochemistry (B.Sc.,)	Prof. N. V. Jeyasri Mai	
Information Technology (B.Sc.,)	Prof. T. S. B. Arunprasanth	
Microbiology (B.Sc.,)	Prof. N. B. Sharmila	
Mathematics with Comp. Appln. (B.Sc.,)	Prof. S. K. Ganesh Babu	
Computer Science (B.Sc.,) (SF)	Prof. K. R. Thanikasalam	
Tamil (B.A.)(SF)	Dr. K. R. Krishnaram	
MBA	Prof. K. S. Aswath Babu	
MCA	Prof. J. R. Nathan	
B.Com., (CA) & M.Com.,(CA)	Prof. T. K. Ravichandran	
Economics	Lt. Dr. K. R. Srinivasan	
Botany , Value Education and Environmental Studies	Dr. M. Venkatesan	
NCC	Lt. Dr. K. R. Srinivasan	
Physical Education	Dr. S. R.V. Ravindran	
Library	Thiru. C. S. Vijayakumar	
Extension Activities – NSS, YRC, RRC, CCC, WUS, LIB, PED	Dr. M. R. Rashila	
Gandian Thought – CGT,DGT	Dr. S. M. Nandini	

RESEARCH PROGRAMME

NAME OF THE DEPARTMENT/BOARD	CHAIRMAN
M.Phil (English)	Dr. M.R. Rashila
M.Phil (Commerce)	Dr. J. Duraichamy
M.Phil (Management)	Dr. M.S. Balaji
M.Phil (Physics)	Dr. A.K .Balasubramanian

STUDENT REPRESENTATIVES

S. No.	NAME OF THE STUDENT	DEPARTMENT
1	III B.A., (English)	T. J. Balaji
2	III B.Sc., (Mathematics)	T. B. Dileban
3	III B.Sc., (Physics)	T. K. Surajbabu
4	III B.Sc., (Chemistry)	T. N. Balaji
5	III B.Sc., (Computer Science)	K. R. Sasikumar
6	III B. Com.,	L. K. Nandhakumar
7	III B.B.A.,	M. Annamalai
8	III B.Com.,(CS)	T. S. Bhuvaneswari
9	II M.A.,(English)	S. Karthika
10	II M.Sc.,(Mathematics)	K. Sakthi
11	II M.Com.,	V. J. Nandhini
12	II M.Com.,(CA)	A. Preethi Jebakani
13	II MBA	C. Naveen Raja
14	III B.Sc., (Bio-Chemistry)	V. Lakshmana Peruma
15	III B.Sc., (Micro Biology)	R. K. Bhuvaneswari

ELEVENTH ACADEMIC COUNCIL MEETING

AGENDA

 Presentation of First year Syllabi for all the programmes – both UG and PG by the Chairmen of respective Boards.

PART I

- Tamil
- · Hindi
- Sanskrit

PART II

English

PART III

UG COURSES:

- B.A. English
- B.B.A
- · B.Com
- B.Sc. Mathematics
- B.Sc. Physics
- B.Sc. Chemistry
- B.Com. Corporate Secretaryship
- B.Sc. Computer Science
- · B.Sc. Biochemistry
- B.Sc. Microbiology
- B.Com. Computer Applications
- B.Sc. Information Technology
- · B.C.A
- B.Sc. Mathematics with Computer Applications
- · B.A. Tamil
- Economics
- Botany

PG COURSES:

- M.A. English
- · M.Com
- M.Sc. Mathematics
- M.Com. Computer Applications
- M.B.A
- M.C.A

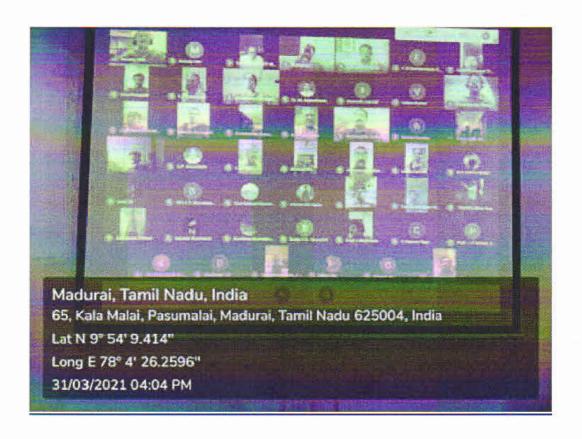
PART-IV

- Value Education
- Environmental Studies

The Course Structure and the Syllabi of the above-mentioned Courses for the academic year 2021-2022 approved.

- To resolve to give additional credits to students who complete MOOCs/ NPTEL/SWAYAM Courses as per the credits given by the MOOCs/ NPTEL/SWAYAM
- 3. To resolve to modify the Question paper pattern of the subjects namely Value Education and Environmental Studies
- 4. Other matters, if any

Google Meet Link: https://meet.google.com/nne-ndhp-ove



MINUTES OF THE MEETING

- 1. The meeting started with Prayer by Dr. M.R. Rashila.
- 2. Prof. T. N. K. Kavitha, Dean, Academic Affairs, delivered the welcome address. Madam pointed out that the Syllabi had been framed following CBCS based on OBE and had been scientifically structured with insights of continuity, sequence and integration appropriate for effective learning. Each Programme has Programme Outcomes, Programme Specific Outcomes and each Course has Course Outcomes and Mapping has been done between PSO and CO at the end of each Course. Madam expressed her hearty thanks for the sincere efforts taken by the Staff members in framing the Syllabi methodically and scientifically and also for the kind cooperation extended by them.
- 3. The Chairman and the Principal (i/c) Prof. N. H. Saravanan reported the following Academic and Extracurricular activities.

The NAAC PEER TEAM visit was held on 26th & 27th of March 2019 for getting the 3rd cycle of Re-accreditation of our College.

On January 10 and 11, 2021, Autonomous Extension Review Committee visited our college and appreciated the efforts taken by the Management, Principal and the teachers and gave autonomous extension till 2024-2025. Many Departments have conducted International and National Seminars and Workshops on various topics. Many teachers of our college have participated and presented papers at National and International Seminars and Conferences.

During the pandemic period some of the Departments conducted online Workshops, online Faculty Development Programmes and Webinars, and teachers were very active participating, presenting papers in webinars. Some teachers have done their online Orientation Programmes and online Refresher Courses. Teachers have prepared e-contents and translated NPTEL lectures into Tamil. Our College Fitness Centre has started functioning with all the equipment.

The Principal expressed his hearty thanks to all teachers for their continuous support and cooperation.

- 4. The Chairmen of all Various Boards placed their syllabi for the first and second semesters with effect from 2021 2022 before the Academic Council for approval.
- The University Nominee Dr. V. Jeyaveerapandian appreciated and said that the syllabi had been upgraded and well structured.
- 6. As per the suggestion given by Dr. T. D. Venkateswaran, IQAC Coordinator, it was resolved to give additional credits to students who complete MOOCs/NPTEL/SWAYAM Courses as per the credits given by the MOOCs /NPTEL/SWAYAM
- The Controller of Examinations Lt. Dr. K. R. Srinivasan informed that the Summative Examinations for April 2020 and November 2020 were conducted online as per Madurai Kamaraj University guidelines.
- 8. The Controller of Examinations Lt. Dr. K. R. Srinivasan passed the resolution to modify the Question paper pattern of the subjects namely Value Education and Environmental Studies

QUESTION PAPER PATTERN					
S. No.	Part	Continuous Assessment	Summative Examinations		
1	Part - A	MCQ (4 X 1 = 4 marks)	MCQ (10 X 1 = 10 marks)		
2	Part – B	Eitheror $(2 \times 7 = 14 \text{ marks})$	Eitheror $(5 \times 7 = 35 \text{ marks})$		
3	Part - C	Any One (1 x 12 = 12 marks)	Any One (3 x 10 = 30 marks)		

50% (15) marks will be taken from the test marks, 5 marks for Assignment and 5 marks for Seminar and the Continuous Assessment will be finalised for 25.

9. Dr. N. M. Mekala, Deputy Dean, Academic Affairs, proposed Vote of thanks.

DEAN

T.N.K Kavethe

Academic Affairs