

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

SEVENTH ACADEMIC COUNCIL MEETING

08.02.2016 (Monday)

CONTENTS –V & VI SEMESTER SYLLABUS

Sl. No.	Particulars	Page No.
1.	List of Academic Council Members	
2.	Agenda for VII Academic Council Meeting	
3.	Syllabus – Dept. of English	1
4.	Syllabus – Dept. of BBA	13
5.	Syllabus – Dept. of B.Com (Corporate Secretaryship)	24
6.	Syllabus – Dept. of B.Com Computer Application	35
7.	Syllabus – Dept. of B.Com	46
8.	Syllabus – Dept. of B.Sc. Mathematics	57
9.	Syllabus – Dept. of B.Sc. Physics	72
10.	Syllabus – Dept. of B.Sc. Chemistry	87
11.	Syllabus – Dept. of B.Sc. Computer Science	101
12.	Syllabus – Dept. of B.C.A.	119
13.	Syllabus – Dept. of B.Sc. Bio-chemistry	133
14.	Syllabus – Dept. of B.Sc. Electronics & Communication	146
15.	Syllabus – Dept. of B.Sc. Information Technology	160
16.	Syllabus – Dept. of B.Sc. Microbiology	176
17.	Syllabus – Dept. of B.Sc. Mathematics with Computer Application	189
18.	Syllabus – Dept. of M.C.A.	206
19.	Syllabus – Dept. of M.Phil. Physics (2016 – 2017)	216
20.	Syllabus – Dept. of Physical Education	223
21.	Syllabus – Certificate Course in gad;ghl;Lj; jkpH;	224
22.	Syllabus – Certificate Course in Spoken Hindi	227
23.	Syllabus – Certificate Course in Creative Writing and Public Speaking	230
24.	Syllabus – Certificate Course in Entrepreneurship	235
25.	Syllabus – Certificate Course in Human Resource Development	238
26.	Syllabus – Certificate Course in Mathematics for Competitive Examinations	241
27.	Syllabus – Certificate Course in Instrumentation	244
28.	Syllabus – Certificate Course in Paper and Pulp Technology	246
29.	Syllabus – Certificate Course on Office Automation	248
30.	Syllabus – Certificate Course in Tally	250
31.	Syllabus –Advance Diploma in Bio Technology	253
32.	Syllabus – Certificate Course in Troubleshooting and Maintenance of Home Appliances	255
33.	Syllabus – Certificate Course in Multimedia	258
34.	Syllabus – Certificate Course in Epidemiology and Clinical Management Systems	261
35.	Syllabus – Certificate Course in LaTeX and SciLab	264
36.	Syllabus – Certificate Course in Software Testing	267
37.	Syllabus – Certificate Course in Mobile Technologies	270
38.	Syllabus – Certificate Course in Emotional Intelligence	273
39.	Syllabus – Certificate Course in Disaster Management	276

40.	Syllabus – Certificate Course in Medicinal Plant Technology	279
41.	Syllabus – Diploma in General Management	282
42.	Syllabus – Diploma in Human Resource Management	287
43.	Syllabus – Diploma in Marketing Management	292
44.	Syllabus – Soft Skills	297
45.	Syllabus – General Knowledge	298
46.	Ratifications – Department of Tamil	299
47.	Ratifications – Department of B.Sc.,Mathematics	301
48.	Ratifications – Department of B.Sc., Computer Science	302
49.	Ratifications – Department of M.A. English	304
50.	Ratifications – Department of B.Sc., Electronics & Communications	306
51.	Ratifications – Department of M.Sc., Mathematics	308
52.	Presentation of Ratifications by Chairmen of Various Boards	309

SEVENTH ACADEMIC COUNCIL MEMBERS

Chairman : Dr. L.P. Ramalingam,
Principal

Dean of Academic affairs : Dr. B. Anbazhagan
Associate Professor of Business Administration

Deputy Dean : Prof. T.N.K. Kavitha
Asst. Professor, Dept. of English

Madurai Kamaraj University Nominees

Dr. K. Pitchumani
Syndicate Member,
Senior Professor and Head,
Dept. of Natural Products Chemistry,
M.K. University, Madurai.

Dr. V. Venkataraman
Syndicate Member,
Principal, Rajapalayam Raju's College,
Rajapalayam.

Dr. M. Ramakrishnan
Member Syndicate
Professor & Head, Chairperson
School of Information Technology
Madurai Kamaraj University
Madurai – 625 021

External Experts

Shri. Dhruvas S. Geeyar Babu,
Industrialist,
49, Mahal 7th Street,
Madurai - 625001

Shri. N.R.V. Jawaharlal,
Advocate,
171B, Kamarajar Salai,
Sandaipettai,
Madurai-625009

Shri. V.Nagarajan,
Manager, Corporation Bank,
163 C/1 Kamarajar Salai,
Madurai – 625009

Shri. L.G. Yatheendrakumar,
Auditor,
90, East Veli Street,
Madurai – 625001

Special Invitees

Prof. T.R. Dinakaran
Controller of Examinations

Prof. K.N. Ganesh Babu
Deputy Controller of Examinations

Prof. C.K. Sivakumar
Dean-Internal Tests

Dr. M.S. Balaji
Dean- Research

Prof.M.G. Ramprasath
Co-ordinator IQAC

Teachers Representatives

Prof. T.N. Babulal
Dept. of Commerce

Prof. V. Ramamani
Dept. of Mathematics

Prof. R.R. Kubendran
Dept. of Tamil

Prof. J.R. Nathan
Dept. of MCA

Prof. P. Ponraj
Dept. of Commerce

Prof. S. Bharani Sethu Pandian
Dept. of B.C.A

NAME OF THE DEPARTMENT/BOARD	CHAIRMEN
Soft skills and G.K	Dr. L.P. Ramalingam
English (Part-II, B.A., and M.A.)	Prof. M.P.R. Rajasekaran
Tamil	Dr. R. Chitra
Hindi	Dr.R.P. Rohini Pandian
Sanskrit	Dr. A. Gunaseelan
Mathematics	Prof. N.S. Ravindran
Physics	Capt. T.K. Vishnuram
Chemistry	Dr. C.R. Yuvarajan
Botany	Dr. M.Venkatesan
Computer Science	Prof. V.K. Vijayakumar
Economics	Dr. S. Thiagarajan
Commerce (B.Com.,B.Com(CA),M.Com M.Phil)	Dr. M. Muthupandi
Business Administration	Dr. K.P. Ganesan
Corporate Secretaryship	Dr. T.S. Balakrishnan
Physical Education	Dr. S.R.V. Ravindran
Library	Thiru. C.S. Vijayakumar
NCC	Lt.Dr.K.R. Srinivasan
MBA	Prof. K.S. Aswath Babu
MCA & PGDCA	Prof. R.S. Swarnadevi
Biotechnology, Biochemistry and Advanced Diploma in Bio-Technology	Prof. Arul Yesudos
Microbiology	Prof. N.B. Sharmila
M.Sc.,(CS&IT)	Prof. P. Ramesh
M.Sc., Physics	Prof. S.S. Saravanakumar
M.Com.,(Computer Application)	Prof. T.K. Ravichandran
Computer Science(Self Finance)	Prof. K.R. Thanikachalam
Information Technology	Prof. T.S.B. Arunprasanth
Electronics & Communication	Prof. M. Saravana Kumar
BCA	Prof. O.K. Hariharan
B.Sc., Mathematics with Computer Application	Prof. S. Ganesan
M.Phil. (English)	Dr. M.R. Rashila
M.Phil. (Physics)	Dr. A.K. Balasubramanian
M.Phil.(Management Studies)	Dr. M.S. Balaji
Gandhian Thought	Prof. T.N.K. Kavitha
Value Education and Environmental Science & Extension Activities	Dr.M.Venkatesan

Students Representatives

NAME OF THE STUDENT Mr./Ms.	DEPARTMENT
S. Selvapriya	III MCA
D. Dharani	I MBA
N. Yogesh Bala Karthi	II M.Sc.(Bio-tech)
M. Ponlaxmi	II M.Sc.(Micro Biology)
K.A. Keerthika	II M.Sc., Maths
R. Balaji	II M.A. English
B.R. Prakash	II M.Com.(CA)
S.Sarhana Safril	II M.Com
S. Balasubramani	III B.Com
Akas Kumar Raj Purohit	II BBA
G. Kirthiga	B.Sc(Chemistry)
Abinaya	B.Sc(Chemistry)
V.R. Hariharan	III B.Sc(Physics)
S. Abdhul rahman	III BCA
Chandralekha	III B.Com(Corp.Secretaryship)
Pugalendhi	III B.Sc.(I.T.)

SEVENTH ACADEMIC COUNCIL MEETING

AGENDA

Date: 08.02.2016

Time: 2:30 P.M.

1. Presentation of Syllabi for the forthcoming Academic year 2016-17 for all the U.G, PG M.Phil courses and Certificate Courses by Chairmen of Various Boards
2. Ratifications
3. Other Matters if any

Part I

- Tamil
- Hindi
- Sanskrit

Part II

English

Part III

UG COURSES:

- B.A. English
- BBA
- B.Com Corporate Secretaryship
- B.Com Computer Application
- B.Com
- B.Sc. Mathematics
- B.Sc. Physics
- B.Sc. Chemistry
- B.Sc. Computer Science
- B.C.A.
- B.Sc. Biochemistry with Biotechnology
- B.Sc., Electronics & Communication

- B.Sc., Information Technology
- B.Sc. Microbiology
- B.Sc. Mathematics with Computer Application

PG COURSES:

- M.A. English
- M.Com
- M.Sc. Mathematics
- MBA
- MCA
- M.Com Computer Application
- M.Sc. Biotechnology
- M.Sc. Computer Science and Information Technology
- M.Sc. Physics
- M.Com. Microbiology
- M.Sc. Electronics and Communication
- M.Phil (English)
- M.Phil (Commerce)
- M.Phil (Management Studies)
- M.Phil (Physics)

Part V

- NSS
- YRC
- RRC
- CCC
- WUS
- LIB

Certificate and Diploma Courses

- Certificate Course in gad;ghl;Lj; jkpH;
- Certificate Course in Spoken Hindi
- Certificate Course in Creative Writing and Public Speaking
- Certificate Course in Entrepreneurship

- Certificate Course in Human Resource Development
- Certificate Course in Mathematics for Competitive Examinations
- Certificate Course in Instrumentation
- Certificate Course in Paper and Pulp Technology
- Certificate Course on Office Automation
- Certificate Course in Tally
- Advance Diploma in Bio Technology
- Certificate Course in Troubleshooting and Maintenance of Home Appliances
- Certificate Course in Multimedia
- Certificate Course in Epidemiology and Clinical Management Systems
- Certificate Course in LaTeX and SciLab
- Certificate Course in Software Testing
- Certificate Course in Mobile Technologies
- Certificate Course in Emotional Intelligence
- Certificate Course in Disaster Management
- Certificate Course in Medicinal Plant Technology
- Certificate Course in Gandhian Thought.
- Certificate Course in Tourism & Travel Management.
- Certificate Course in Supply chain Management
- Diploma in Gandhian Thought.
- Diploma in General Management
- Diploma in Human Resource Management
- Diploma in Marketing Management
- Post Graduate Diploma in Computer Application.

The above mentioned course structure and syllabi for the academic years 2016 – 2017 be approved.

MINUTES OF THE MEETING

1. The meeting began with prayer.
2. Dr. B. Anbazhagan, Dean, Academic Affairs, in his welcome address, mentioned that the institution is marching towards attaining the distinction of becoming College with Potential Excellence. He also pointed out that each department offered one or two Certificate Courses and two papers 'Soft Skills' and 'General Knowledge' were introduced and would be offered to final year students in order to develop the employability skills of the students.
3. The Chairman and Principal Dr. L.P. Ramalingam in his address highlighted that the syllabus had been framed keeping the welfare of the students in mind. He expressed his thanks for the strenuous effort taken by the staff members in framing the syllabus and also for the kind cooperation extended by them.
4. The Chairmen of all Boards, UG (V & VI Semesters), PG, M.Phil., Certificate and Diploma Courses placed their syllabi before the Academic Council for approval. The course structure and syllabi of each course had already been approved in the Board of Studies Meeting of the concerned departments.
5. The Chairmen of certain courses placed their syllabi before the Academic Council for ratification.
6. Then discussions followed.
 - a. Prof. T.K. Vishnuram, Head, Department of Physics, suggested corrections in the Subject Codes of 'Soft Skills' and 'General Knowledge' .
 - b. Dr. S. Thiagarajan, Head, Department of Economics, placed an appeal to the Management to introduce Major degree in Economics. The Secretary, Sourashtra College Council, Shri S.K. Jegannathan accepted to place the request to other committee members.
 - c. Dr. C. Pitchumani, University Nominee appreciated that the syllabi had been well formulated. He suggested that the Principal could give a report of the year's activities. He also insisted to update references. He emphasized to include online resources and to develop question banks.
 - d. Dr. M. Ramakrishnan, University Nominee, urged to change the credits according to the hours allotted to each paper.
7. Prof. T.N.K. Kavitha, Deputy Dean, Academic Affairs, proposed a Vote of thanks.

DEAN

PRINCIPAL