# ETHIRAJ COLLEGE FOR WOMEN (AUTONOMOUS)
## DEPARTMENT OF MATHEMATICS
### Minutes of the Board of Studies meeting in Mathematics

The meeting of the board of studies in Mathematics was convened on 27th August 2019 at 9.00 am in the Department of Mathematics.

The following members were present for the meeting.

1. Dr. Mrs. R. Prabha  (HOD and chairperson)

2. Dr. T.V. Sudharsan  (University Representative)

3. Dr. Uma Maheswari(Subject Expert- I)

4. Dr. K. Kumarasamy (Subject Expert -II)

5. Dr. Ananthi Sheshasaayee  (Subject Expert – Computer Science)

6. Mr. K Rajesh Kanna(Industrial Nominee)

7. Dr. Mrs. K. Ezhilarasi Hilda Stanley (HOD Self-Supporting- Mathematics)

8. Mrs.K.Prasanna Lakshmi (HOD Self-Supporting-Mathematics with Computer Applications)

9. Mrs. C. Ambika (Senior Teacher)

10. Ms. K.Sudha Rani (Student Representative)

The syllabi  have been changed in CBCS-OBE (pattern) for

1. B. Sc Mathematics (Core , Allied and Elective)

2. B. Sc Physics, Chemistry, B.Com, B.Com (Hons), B.C.A, B.Sc Computer science, (Allied)

3. B. Sc Mathematics with Computer Applications (Core, Allied and    Elective)

4. M. Sc Mathematics  (Core, Elective and Soft Skill)

5. M. Phil Mathematics

6. M.Com ( Statistics )

7. NME for I Year (Offered to other departments)

The above mentioned syllabi were approved by the Board Members. Suggestions were made and corrections were incorporated.

The programme has been enhanced by comprising Objectives, Course Outcomes, Programme Outcomes and Programme Specific Outcomes. The mapping of Course Outcomes with Programme Specific Outcomes are accomplished for all the Core, Allied, Elective, Soft Skills  and NME papers.

The Members of the Board of Studies gave the following suggestions:

## For B. Sc Mathematics Course

> In certain papers the course outcomes were modified in accordance with the course objectives.
> Statics Paper can be shifted to Fourth semester and Number theory paper can be shifted to sixth Semester in the next syllabus.
> In Number theory, recommended text can be changed and concept of congruence may be included.
> Application Oriented subjects can be given as self-study paper and also some weightage has to be given to the students who get extra credit by self-study in the form of certificates etc. They suggested Fuzzy theory, Differential Equations, Algebraic coding theory, Automata and Graph theory as self-study papers.
> First few chapters from "Graph Theory" by Bondy and Murty can be recommended for B.Sc.

## For B. Sc Mathematics with Computer Applications Course

> In certain papers the course outcomes were modified in accordance with the course objectives.
> RDBMS can be included in Programming in C practical paper.
> Application Oriented subjects can be given as self-study paper and also some weightage has to be given to the students who get extra credit by self-study in the form of certificates etc. They suggested Fuzzy theory, .NET, Differential Equations, Algebraic coding theory, Automata and Graph theory as self-study papers.

## For M. Sc Mathematics Course

> Operations Research I and II Papers can be regarded as a single paper, instead paper on Number theory can be introduced.
> Python Programming theory and practical papers can be combined as single paper.
> Research seminar paper as self-study paper can be introduced for M.Sc Course.

## The Board resolved to approve the Panel of Examiners for Setting and Evaluating papers for

1. B. Sc Mathematics (Core , Allied and Elective)
2. B. Sc Physics, Chemistry, B.Com , B.Com(Hons), B.C.A and B.Sc Computer Science (Allied)
3. B. Sc Mathematics with Computer Applications (Core, Allied and Elective)
4. M. Sc Mathematics (Core, Elective and Soft Skill)
5. M. Phil Mathematics
6. M.Com ( Statistics )

| S.No | Members and Designation | Signature |
|------|------------------------|-----------|
| 1. | **Dr.R.Prabha,** **(HOD & Chairperson)** Department of Mathematics, Ethiraj College for Women. | R. Prabha 27/8/19. |
| 2. | **Dr.T.V. Sudharsan (University Representative),** Associate Professor & Head, Department of Mathematics, SIVET College, Gowrivakkam, Chennai. | T.V. Sudharsan |
| 3. | **Dr. K. Kumarasamy (Subject Expert),** Associate Professor, Department of Mathematics, Vivekananda College, Chennai. | (K. Kumarasamy) 27/8/19 |
| 4. | **Dr. A. Uma Maheswari (Subject Expert),** Associate Professor and Head, Research Officer (O/o) Department of Mathematics, TANSCHE Quaid-E-Millath Govt. Arts College for women, Chennai 600002. | 27/8/19 |
| 5. | **Dr.Ananthi Sheshasaayee (Subject Expert),** Associate Professor, & Head PG & Research Department of Computer Science, Quaid – E- Millath Government Arts College, Chennai - 600002 | 27/8/19 |
| 6. | **Mr.K.Rajeshkhanna (Industrial Nominee)** Lead Technical Architect, SCIO Health Analytics, MRC Nagar , Chennai . | Rajesh |
| 7. | **Ms.Ezhilarasi Hilda Stanley, k** **Head, Department of Mathematics (Self- Supporting)** | Stanley |
| 8. | **Ms.Prasanna Lakshmi, k** **Head, Department of Mathematics with Computer Applications (Self- Supporting)** | K. Prasanna Lax |
| 9. | Ms.C.Ambika (Senior Teacher) | C. Am |
| 10. | Ms.K.Sudha Rani (Student Representative) | K. Sudha Rani |