



**St. Mary's College (Autonomous)**  
Reaccredited with 'A+' Grade by NAAC (Cycle IV)  
Thoothukudi



**Criterion: I – Curricular Aspects**  
**1.1 – Curriculum Design and Development**  
**Year: 2018-2023**

**Programme: B. Sc. Mathematics**

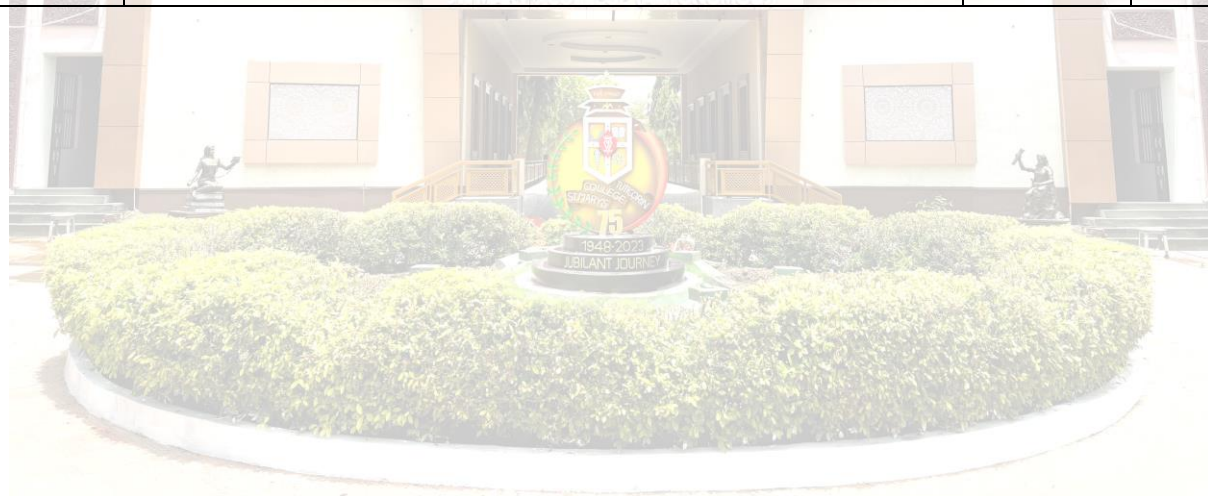
<b>Semester – III</b>			
<b>Part III NME I Mathematics for Competitive Examinations I</b>			
<b>Course Code : 18UMAN31</b>	<b>Hrs/week : 2</b>	<b>Hrs/Semester : 30</b>	<b>Credits : 2</b>

#### Course Outcomes

<b>CO No</b>	<b>Upon completion of this course, students will be able to</b>	<b>PSO s addressed</b>	<b>CL</b>
<b>CO-1</b>	solve mathematical problems using shortcut methods.	3	Cr
<b>CO-2</b>	develop their calculating and computing skills.	5	Ap
<b>CO-3</b>	solve the questions with accuracy and within the given time limit.	3	Cr
<b>CO-4</b>	build confidence to face the competitive examinations.	3	Cr
<b>CO-5</b>	enhances logical reasoning skills, arithmetic skills, aptitude skills.	6	Ap
<b>CO-6</b>	simplify and evaluate algebraic expressions.	3	Ev

**Semester – IV****Part III NME II Mathematics for Competitive Examinations II****Course Code : 18UMAN41****Hrs/week : 2****Hrs/Semester : 30****Credits : 2****Course Outcomes**

<b>CO. No</b>	<b>Upon completion of this course, students will be able to</b>	<b>PSO s addressed</b>	<b>CL</b>
CO-1	solve mathematical problems using shortcut methods.	3	Cr
CO-2	develop their calculating and computing skills.	5	Ap
CO-3	solve the questions with accuracy and within the given time limit.	3	Cr
CO-4	build confidence to face the competitive examinations.	3	Cr
CO-5	enhances logical reasoning skills, arithmetic skills, aptitude skills.	6	Ap
CO-6	use mathematical concepts in real world situations.	4	Ap



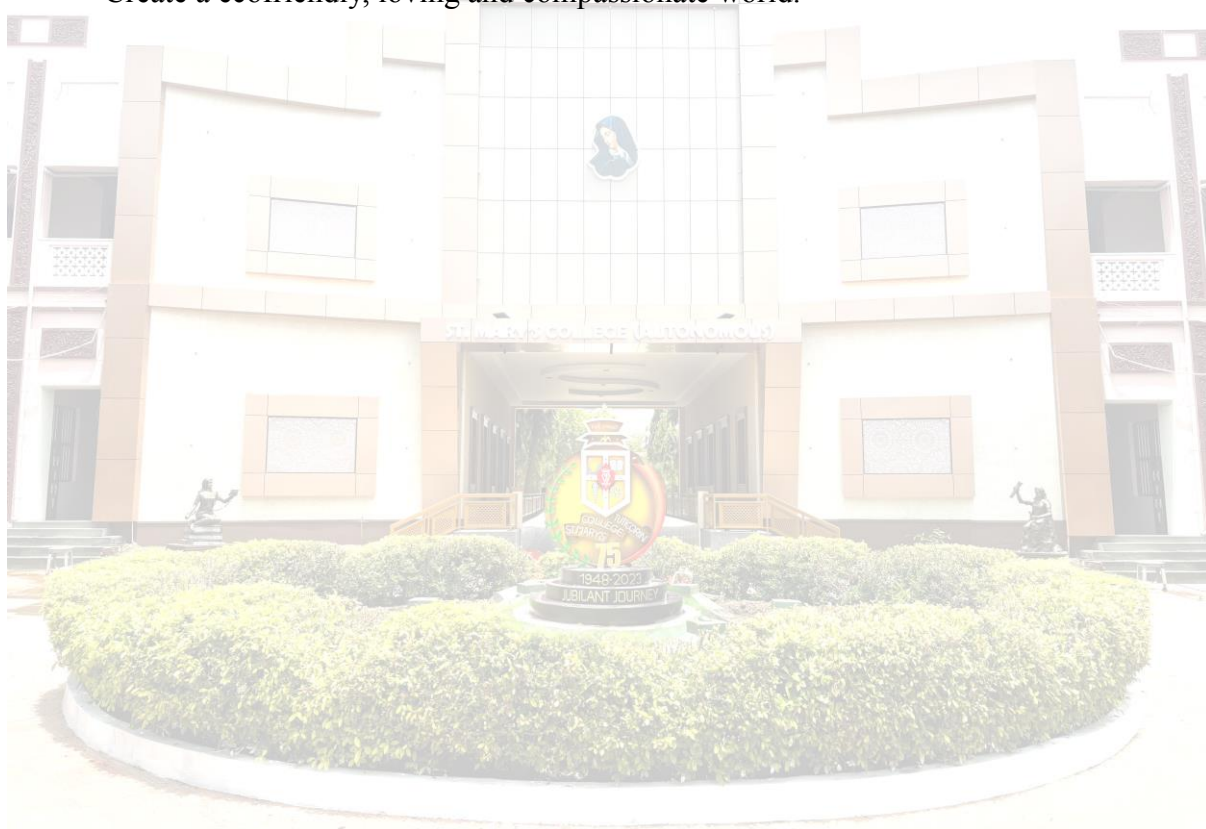
## SEMESTER- IV

### Ability Enhancement Course: Yoga and Meditation

Code: 18UAYM41	Hrs/Week : 2	Hrs/Semester : 30	Credits: 2
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#### Course Outcome:

- To learn and practice various meditation, yoga methods to transform the ordinary life into a healthy, harmonious life leading to holistic wellbeing,
- To create an eco-friendly, loving and compassionate world.
- Acquire knowledge and skill in yoga for youth empowerment.
- Increase their power of concentration
- Learn the causes and ways to overcome fear and sadness.
- Create a ecofriendly, loving and compassionate world.



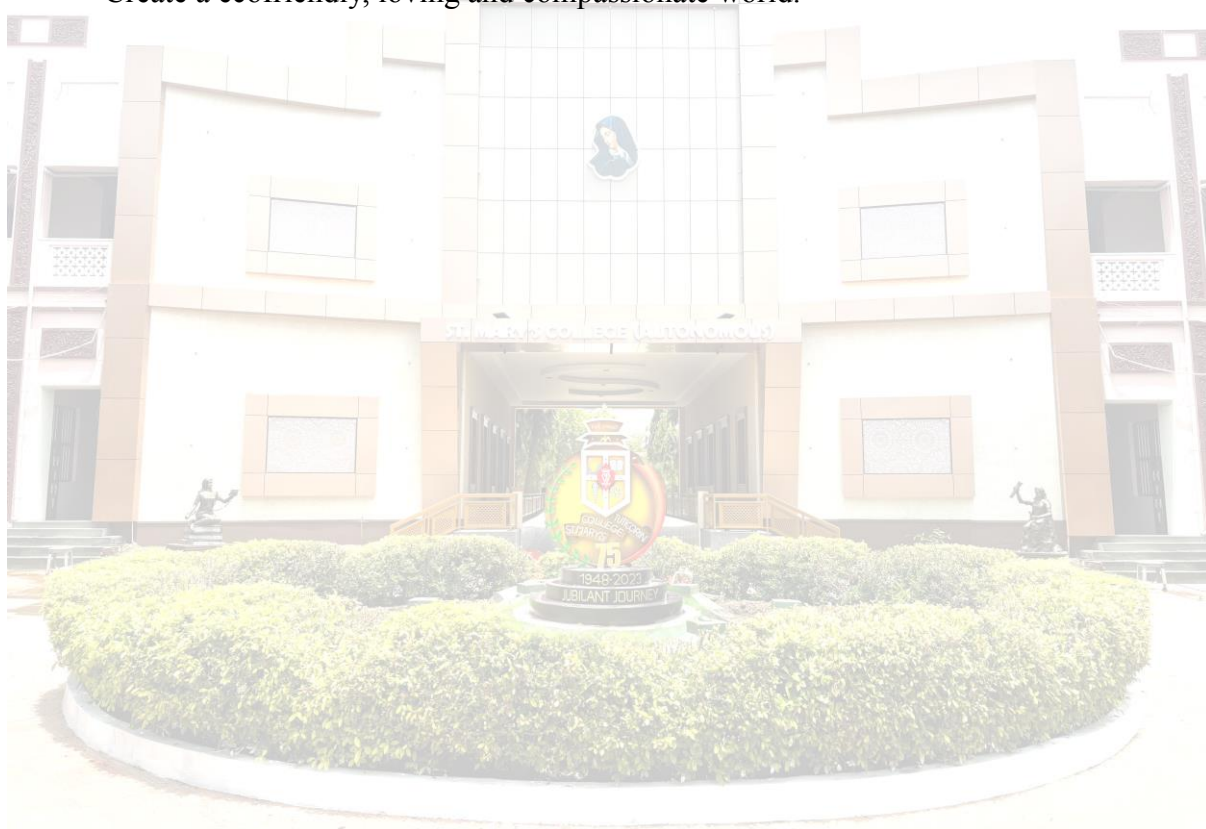
## SEMESTER- IV

### Ability Enhancement Course: Yoga and Meditation

Code: 21UAYM41	Hrs/Week : 2	Hrs/Semester : 30	Credits: 2
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#### Course Outcome:

- To learn and practice various meditation, yoga methods to transform the ordinary life into a healthy, harmonious life leading to holistic wellbeing,
- To create an eco-friendly, loving and compassionate world.
- Acquire knowledge and skill in yoga for youth empowerment.
- Increase their power of concentration
- Learn the causes and ways to overcome fear and sadness.
- Create a ecofriendly, loving and compassionate world.



*Louis Rose*  
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