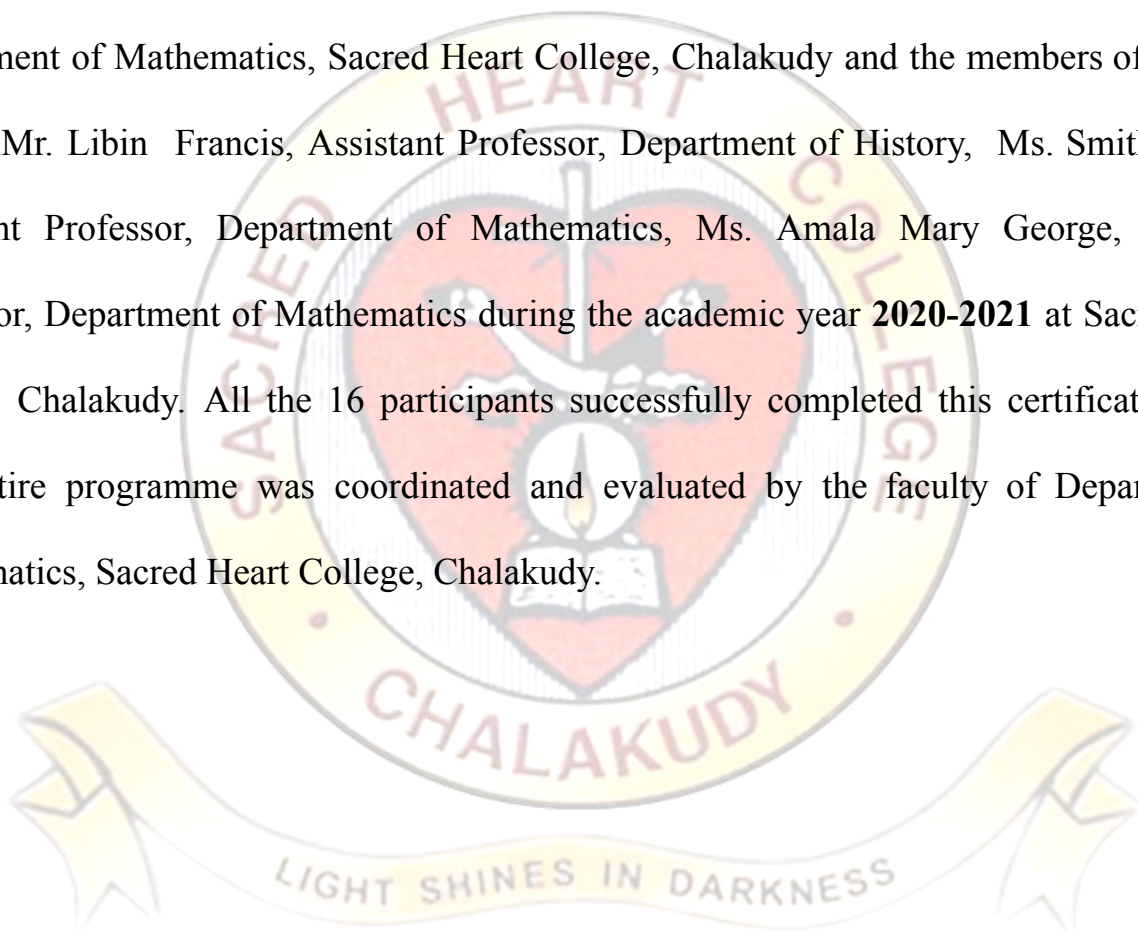


REPORT ON QUANTITATIVE APTITUDE & ANALYTICAL SKILLS

A 30 hr certificate course on the topic “**QUANTITATIVE APTITUDE & ANALYTICAL SKILLS**” was organized by the Department of Mathematics, Sacred Heart College, Chalakudy under the chairmanship of Dr. Nidhin T J, Assistant Professor Department of Mathematics, Sacred Heart College, Chalakudy and the members of board of studies Mr. Libin Francis, Assistant Professor, Department of History, Ms. Smitha Davis, Assistant Professor, Department of Mathematics, Ms. Amala Mary George, Assistant Professor, Department of Mathematics during the academic year **2020-2021** at Sacred Heart College Chalakudy. All the 16 participants successfully completed this certificate course. The entire programme was coordinated and evaluated by the faculty of Department of Mathematics, Sacred Heart College, Chalakudy.



DEPARTMENT OF MATHEMATICS
SACRED HEART COLLEGE, CHALAKUDY

Certificate Course on

QUANTITATIVE APTITUDE & ANALYTICAL SKILLS

(Total 30 Hrs)

Module 1 Data Interpretation (4 hours)

The data given in a Table, Graph, Bar Diagram, Pie Chart, Venn diagram.

Module 2 Sequence and Series (6 hours)

Identifying Patterns of Sequences, Geometric Series, Arithmetic Series, Harmonic Series.

Module 3 Arithmetic Skills (8 hours)

BODMAS Rule, Fractions, Divisibility rule, LCM & GCD (HCF). Date, Time and Arrangement Problems: Calendar Problems, Clock Problems, Blood Relationship.

Module 4 Quantitative aptitude (8 hours)

Averages, Ratio and Proportion, Problems on ages, Problems on time, distance and speed.

Module 5 Computational Skills for Management (4 hours)

Percentages, Profit and Loss, Simple and Compound Interest.

REFERENCES

1. Quantitative Aptitude for Competitive Examination by R S Agrawal, S. Chand publications.
2. Quantitative Aptitude and Reasoning by R V Praveen, PHI publishers.
3. Quantitative Aptitude for Competitive Examination by Abhijit Guha, Tata Mc Graw Hill publications.

SACRED HEART COLLEGE FOR WOMEN, CHALAKUDY

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Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

Certificate of Completion

THIS CERTIFICATE IS GIVEN TO

**ANITTA MATHEW, II BSc Physics,
Sacred Heart College, Chalakudy**

for successfully completing
all the requirements of Add-on course on
QUANTITATIVE APTITUDE & ANALYTICAL SKILLS
during the academic year 2020-21.



DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

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THIS CERTIFICATE IS GIVEN TO

**SONA BIJU , II BSc Physics,
Sacred Heart College, Chalakudy**

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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

Certificate of Completion

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**SALMA JASMINE M B, II BSc
Physics,
Sacred Heart College, Chalakudy**

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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

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**MEENU KRISHNA, II BSc Physics,
Sacred Heart College, Chalakudy**

for successfully completing
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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

Certificate of Completion

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**MADHAVI C, II BSc Physics,
Sacred Heart College, Chalakudy**

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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

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**ALVISHA I A, II BSc Physics,
Sacred Heart College, Chalakudy**

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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

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**SOUMYA CHARLY, II BSc Physics,
Sacred Heart College, Chalakudy**

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DR. SR. IRENE

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Head

Department of Mathematics

SACRED HEART COLLEGE
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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

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**DELNA THOMAS, II BSc Chemistry,
Sacred Heart College, Chalakudy**

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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

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THIS CERTIFICATE IS GIVEN TO

**ANAKHA A S, II BSc Chemistry,
Sacred Heart College, Chalakudy**

for successfully completing
all the requirements of Add-on course on
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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

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THIS CERTIFICATE IS GIVEN TO

**PHONCY PAUL, II BSc Chemistry,
Sacred Heart College, Chalakudy**

for successfully completing
all the requirements of Add-on course on
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Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

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FOR WOMEN, CHALAKUDY

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THIS CERTIFICATE IS GIVEN TO

**ANNA JOSEPH, II BSc Chemistry,
Sacred Heart College, Chalakudy**

for successfully completing
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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

Certificate of Completion

THIS CERTIFICATE IS GIVEN TO

**SONIYA PAULSON, II BSc
Chemistry,
Sacred Heart College, Chalakudy**

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during the academic year 2020-21.



DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

Certificate of Completion

THIS CERTIFICATE IS GIVEN TO

**RIYA ROYIS, II BSc Chemistry,
Sacred Heart College, Chalakudy**

for successfully completing
all the requirements of Add-on course on
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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

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THIS CERTIFICATE IS GIVEN TO

**JYOTHILAKSHMI D A, II BSc
Chemistry,
Sacred Heart College, Chalakudy**

for successfully completing
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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head

Department of Mathematics

SACRED HEART COLLEGE
FOR WOMEN, CHALAKUDY

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THIS CERTIFICATE IS GIVEN TO

**DEVIKA CHANDRAN , II BSc
Chemistry,
Sacred Heart College, Chalakudy**

for successfully completing
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DR. SR. IRENE

Principal



MS. SMITHA DAVIS

Head