

DEVA MATHA COLLEGE KURAVILANGAD

Affiliated to Mahatma Gandhi University, Kottayam



SYLLABUS

OF

ADD-ON COURSE

IN

An Advanced Course in Logic, Reasoning and Interpersonal Skills

Academic Year: 2022-23



DEVA MATHA COLLEGE KURAVILANGAD

DEPARTMENT OF ENGLISH

Add on Courses offered for Students : 2022-2023

- 1. An Advanced Course in Logic, Reasoning and Interpersonal Skills
DMCK/ ENG/AD 8/2022**
- 2. Prune Yourself; An Introductory Course in Soft Skill Development
DMCK/ ENG/AD 9/2022**

Department Coordinator: Ms. Nisha K. Thomas



Title: An Advanced Course in Logic, Reasoning and Interpersonal Skills

Instructional Hours: 30hrs

Duration: 1 year

Mode of Instruction: Contact classes will be given with the help of experts from Alumni association.

Intake Capacity: 15

Eligibility: Graduation in any subject.

DEVA MATHA COLLEGE KURAVILANGAD

ADD-ON COURSE FOR THE AY 2022-23

Course Objectives

1. To provide an advanced practice in logical reasoning and research methodology
2. To familiarise the advanced methods of IT in education
3. To provide a basic knowledge in Higher education Environment and administration

Module 1

Research Aptitude (6hours)

- Concept, definitions, objectives and levels of teaching.
- Basic requirements for teaching
- Learner and Learning
- Factors affecting Teaching
- Methods of Teaching
- Teaching Aids
- Evaluation

Module 2

General aptitude and Logical Reasoning (6hours)

- Non-Verbal reasoning
- Does not involve any language
- Analyzing and solving visual data using visual reasoning
- Diagrammatic, pictorial forms
- Identifying relationship between series, image analysis etc
- Verbal reasoning
- Ability to understand and work through concepts and problems expressed in words.
- Questions based on classification, blood relations etc.
- Logical reasoning

- Process of deriving a logical inference from a hypothesis through reasoning
- Tests one's reading and understanding abilities
- Deriving conclusions from passages, extracting logics from statements etc.

Module 3

Mathematical Reasoning and Data Interpretation (6hours)

- Types of reasoning
- Number series, letter series
- Codes and relationships
- Mathematical Aptitude
- Fraction, Percentage, Ratio and Proportion, Average,
- Profit and Loss, Discounting, Interest, Time and etc.,

Module 4

Information and Communication Technology (6hours) (...Hours)

- Digital initiatives in higher education
- ICT and governance
- Basics of internet, intranet
- E-mail, Audio and video-conferencing
- ICT: General abbreviations and terminology

Module 5

Higher Education System (6hours)

- Institutions of higher education and learning in Ancient India
- Evolution of Higher learning and research in Post- Independent India
- Professional, Technical and Skill based education
- Value Education and environment Education
- Policies, Governance and Administration

References

1. Research Methodology: Methods and Techniques (Multi Colour Edition) Paperback – 1, New Age International Publishers; Fourth edition (1 September 2019)
2. A Modern Approach to Verbal & Non-Verbal Reasoning (2 Colour Edition) Paperback – 1, S Chand Publishing; 2nd edition (1 January 2018); S. Chand
3. Information Communication Technologies: Concepts, Methodologies, Tools, and Applications (6 Volumes), Craig Van Slyke (Northern Arizona University, USA)

Assessment Procedure:

The attainment of course objectives will be assessed by an end course written exam.

Grading:

A = Student has achieved all the objectives of the course.

B = Student has achieved at least two objectives of the course




Principal
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