



Prastuti

New Journey for Better Future

A CLUSTER OF 12 UNIQUE ADD ON COURSES FOR PREPARATION IN
JOB ORIENTED COMPETITIVE EXAMINATIONS

DEvised AND IMPLEMENTED BY THE
IQAC, KHALISANI MAHAVIDYALAYA



AOC

A D D
O N
C O U R S E S



KHALISANI MAHAVIDYALAYA
KHALISANI, CHANDANNAGAR, HOOGHLY
NOTICE: IMPORTANT ANNOUNCEMENT
DATE: 29.09.2023

Keeping in view the previous year's- experience of an experimental start up on career oriented add on courses and to acknowledge the requests of some students of our college, the IQAC has decided to organize a project christened as *Prastuti*, which is actually a congregation of **twelve unique add-on courses** cutting across various disciplines. The students who have passed out in **2023** and those students who have passed out during **2020, 2021 and 2022** can register themselves for the add-on courses which will enable them to get a clear idea regarding the demands of job oriented MCQ based examinations. All the courses, whose details are enumerated below, are free of cost. As seats are limited, eligible students are requested to register as early as possible.

Date of 'on spot registration' and commencement of courses: 03.10.2023 from 11.00 a.m.

Complete program schedule will be notified on the date of registration.

Program Coordinator – Prof. Biswanath Sarkar and Prof Sushmita Mukherjee

Prof. Ajanta Chakrabarti
Coordinator, IQAC
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Dr. Arghya Bandyopadhyay
Principal
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Details of Project- *Prastuti*

A) Context:

The primary goal of higher education, particularly in general streams, has suffered a setback in recent times. Jobs in the academic sector have dried up in West Bengal, administrative jobs in PSUs are getting limited day by day due to various reasons. The pandemic has worsened the situation. As a result of these the prospect of entry in services is going to be more challenging. A mere graduation certificate appears to be a useless piece of paper due to massive unemployment.

B) Objective:

To deal with this emerging crisis, the College has devised a project christened as *Prastuti* to instill among our students a sense of awareness and urgency to meet up the demands and competitiveness of the job market. A graduate degree enables a student to appear in job oriented examinations that includes inter alia, UPSC and PSC Civil Services, Railway Recruitment Board, Bank Probationary Officers, LIC and other examinations of equal nature. It will be unjust to claim that the college can provide a comprehensive and extensive preparatory model due to the constraints of time and human resources. The initial objective of this project is to make the students acquainted with the initial and basic parameters of the requirements of the aforesaid examinations.

C) Modus Operandi

The requirement of the students will be addressed by the means of a cluster of the following add-on courses, each of 30 hours duration. The add-on courses will comprise 1) Developing Bengali writing skills, 2) Developing English writing skills and grammar, 3) Indian History, 4) Indian Freedom Movement, 5) Indian Geography, 6) Indian Polity, 7) Basic characters of Indian Economy and Five years Plan, 8) Elementary Mathematics, 9) Physics, 10) Chemistry 11) General Biology, 12) Test of Reasoning, 13) Quantitative Aptitude, 14) Child Pedagogy and Education Commissions and Schemes.

Students registered in the project will have to go through all the courses included in the package. 30 hours of coursework for each of the courses will have the following components -a) instructional hours =15, b) workouts =14 hours, c) examination =1 hour. After successful completion of the courses, a certificate will be issued to the students but that will be of no practical use. The efficacy of the courses will only be manifested by the success of the students in the competitive examinations.



D) Target Group and Schedule

The courses will initially be offered to the immediate pass outs. In the first year the students who have awarded undergraduate certificates for the year 2020, 2021 and 2022 will be offered registration as the project can-not be fulfilled due to the lockdown arising out of the pandemic. From 2023 onwards, pass out students of that particular year will be offered for registration along with the ongoing 5th semester students of 3rd year. In a busy academic schedule it is quite difficult to accommodate such courses, but the primary target will be slack sessions during the even semester examinations during the months of June to September. For the first two years the institution will observe the issues regarding the schedule and modus operandi and necessary changes will be implemented in due course of time.

Moreover, the institution is also targeting the gradually increasing number of girl students in our college most of whom are first generation learners. Most of them are compelled, against their will, to get married due to family and social obligations and lost their opportunity to achieve financial self-sufficiency. This course will enable them to think otherwise by exploring the chances to get a job by cracking the competitive exams.

All the courses will be completely free of cost for our students as it will be managed by the human and physical resources available internally.

E) Project Outcome

The enrolled students will have a good concept regarding the contents of papers that are included in General Studies in almost all preliminary level examinations and main stage examinations for entry in services. These Add-on courses will enable them to deal with the Multiple Choice Questions by providing a holistic approach to the General Studies framework. We can judge ourselves as fortunate if a good number of students of our college can achieve success in the competitive examinations in near future.

F) DETAILS OF THE ADD-ON COURSES



1) DEVELOPING ENGLISH WRITING SKILLS AND GRAMMAR

Objective:

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus: -

Tenses, Voices, Articles, Appropriate Prepositions, Clauses, Phrasal Verbs, One Word substitution, Paronyms and Homonyms, Spotting Errors, Synonyms and Antonyms, Figures of Speech, Narration, Comprehension.

Course Outcome

The students will acquire rudimentary knowledge and skills of basic English grammar and writing.

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor - Prof. Suman Bhar



2) INDIAN HISTORY

Objective:-

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus: -

Harappan Civilization, Vedic Age, Magadhan and Mauryan Imperialism, The Kushanas and the Guptas, Early Medieval, The Sultanate Period, The Mughals and Marathas, The European Trading Companies, The British Paramountcy

Course Outcome-

The students will acquire rudimentary knowledge on Indian History and Culture

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor - Prof. Priyaranjan Sarkar



3) INDIAN FREEDOM MOVEMENT

Objective:-

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus: -

The First War of Independence, Birth of Indian National Congress, The Moderates and the Extremists, Partition of Bengal, Communal Politics, Home rule movement, The Gandhian movements (1917-1942), Cabinet Mission, Azad Hind, Naval Revolt, Mountbatten Plan, The Govt of India Acts, Freedom with Partition.

Course Outcome:-

The students will acquire rudimentary knowledge and concepts on Indian Freedom Struggle

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor - Prof. Reya Garang



4) INDIAN GEOGRAPHY

Objective:-

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus: -

Locations, Dimensions and Frontiers, Physical Features - The Himalayan Range, The Northern Plains, The Deccan Plateau, Coastal Plains, the Islands, Different Soil Forms, River systems, Climate of India, Agricultural Scenario in India, Mineral Resources of India, Indian States and UTs, National Parks and Wildlife Sanctuaries, Important Monuments, Indian Tribes and their habitat, Cultural Diversity of India, Population of India.

Course Outcome:-

The students will acquire rudimentary knowledge and concepts on Indian Geography

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor - Dr. Kundan Kumar Das



5) INDIAN POLITY

Objective:-

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus: -

Salient Features of Indian Constitution, The Preamble, Parts and Articles, Citizenship, Fundamental Rights and Directive Principles, Parliament, Union Government, State Legislatures, State Governments and the Federal Structure- Centre State relations in India; The Executive and the Judiciary, Elections and Elections Commissions, Judiciary-The Supreme Court, the High Courts and other subordinate courts; Local Self Government in India- Panchayat, Municipalities and Municipal Corporations.

Course Outcome:-

The students will acquire rudimentary knowledge and concepts on Indian Constitution and Polity.

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor - Prof. Monalisa Mustafi



6) TRENDS IN INDIAN ECONOMY

Objective:

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus:-

Recent Indian Budget, Taxes-Income Tax and GST, Foreign Trade Policies and Execution, GDP and relevant issues, Post Liberalization Agricultural and Industrial Productions, Green Revolution, SEZs, Concept of small and large scale industries, Employment, Pre and Post Liberalization Development.

Course Outcome:-

The students will acquire rudimentary knowledge and concepts on various aspects of Indian Economy.

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor – Dr. Shyamal Paul



7) ELEMENTARY MATHEMATICS

Objective:-

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus: -

Number system, Series and Progression, HCF and LCM, Fractions, Square and Cube root, Indices and Surds, Word Problems based on numbers, , Probability, Area and Perimeter, Height and Distance, Geometry, Coordinate Geometry, Set Theory, Statistics.

Course Outcome:-

The students will acquire rudimentary knowledge and develop skills of solving basic problems of the above.

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor - Prof. Indrajit Hazra



8) FUNDAMENTAL CONCEPTS IN PHYSICS

Objective:-

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus:-

Mechanics, Heat, Light, Electricity, Sound, Magnetism, Important Laws of Physics, Phenomena and Terms of Physics

Course Outcome:-

The students will acquire rudimentary knowledge and concepts of basic themes on physics

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor – Dr. Sanjib Bhar



9) BASICS OF CHEMISTRY

Objective:-

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus: -

Elements, Metals, Chemical Compounds, Industrial Chemistry-Soap, Glass, Cement, Coal, Organic Chemistry, Important Laws in Chemistry, Important Chemical Processes, Terms in Chemistry

Course Outcome:-

The students will acquire rudimentary knowledge and concepts of Chemistry.

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor - Dr. Sanjib Bhar



10) GENERAL BIOLOGY

Objective:-

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus: -

The Cell-plant and animal, Classification of Plant Kingdom, Classification of Animal Kingdom, Important Biological Phenomena, Biological Terminology, Human Body, Human Diet, Diseases of Human Body, Basic knowledge of Medical Science, Plant and animal benefit and products.

Course Outcome:-

The students will acquire rudimentary knowledge and concepts on biology and physiology.

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor – Dr. Debjyoti Das



11) TEST OF REASONING AND QUANTITATIVE APTITUDE

Objective:-

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus:-

Verbal Reasoning - Analogy, Classification, Alphabet Test, Word Formation, Direction Sense, Blood Relations, Problems based on ages, Number Series, Letter Series

Analytical Reasoning - Logical Venn Diagrams, Syllogism, Statement and Assumptions, Data Sufficiency, Input Output.

Non Verbal Reasoning - Analogy, Classification, Series, Mirror image, Counting of figures, Formation of figures, Figure Matrix, Cube and Dice. etc

Quantitative Aptitude - Average, Simplification, Percentage, Profit and Loss, Discount, Simple and Compound Interest, Ratio and Proportion, Unitary method, Work and Time, Work and Wages, Speed Time and Distances, Clock and Calendar, Problems based on Trains, Linear and Quadratic Equations.

Course Outcome:-

The students will acquire rudimentary knowledge and concepts on Test of Reasoning, Logical and Quantitative Aptitude.

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor - Prof. Sanchari Guin



12) CHILD PEDAGOGY AND EDUCATION COMMISSIONS AND SCHEMES

Objective:

To provide the students with the basic concepts and to develop skills on the following themes

Syllabus-

Concept of Pedagogy, Pedagogical Analysis, Critical Pedagogy in Education, organizing teaching model, Concept of Andragogy in Education, Theory of Andragogy, Types of assessment, Assessment in pedagogy in education, Assessment in Andragogy in education, Commissions and Committees in post independent India

Course Outcome:-

The students will acquire rudimentary knowledge and concepts on Test of Reasoning, Logical and Quantitative Aptitude.

The work out sessions in MCQ will enable them to acquire primary idea about questions that they have to encounter in competitive examinations.

The course will introduce them in the difficult terrains of job oriented market demands.

Main Mentor - Prof. Ayana Dutta

References required:

Pedagogy, Andragogy and Assessment – Arnab Chowdhury, Jayanta Mete

Modern Practice of Adult Education- Malcolm S. Krowles