

**GGDC, Lalgarh**  
**Department of English**  
**Certificate Course**  
**Course Name: "Introduction to Linguistics"**  
**Total Hours: 30 Hours**

.....

This course is designed to provide a foundational understanding of linguistics, covering a wide range of topics from the basics of language structures to the complexities of language use and development. The course is divided into six units, each focusing on different aspects of linguistics.

**Unit 1: Introduction to Linguistics**

- **Overview of Linguistics:** Definition, importance, and scope of linguistics.
- **Branches of Linguistics:** Brief introduction to phonetics, phonology, morphology, syntax, semantics, and pragmatics.
- **Language and Communication:** Understanding the role of language in communication.
- **Assignment:** Reflective essay on how language influences thought.

**Unit 2: Phonetics and Phonology**

- **Basics of Phonetics:** Articulatory phonetics, acoustic phonetics, and auditory phonetics.
- **Introduction to Phonology:** Phonemes, allophones, and phonological rules.
- **Practical Exercises:** Transcription of sounds using the International Phonetic Alphabet (IPA).
- **Quiz:** Multiple-choice questions on phonetic symbols and phonological patterns.

**Unit 3: Morphology and Syntax**

- **Understanding Morphology:** Morphemes, types of morphemes, and morphological analysis.
- **Basics of Syntax:** Sentence structure, grammatical categories, and syntactic rules.
- **Hands-on Activity:** Analyse sentence structures in different languages.
- **Discussion:** The impact of syntax on meaning in constructed sentences.

**Unit 4: Semantics and Pragmatics**

- **Introduction to Semantics:** Meaning of words, sentences, and speech acts.
- **Exploring Pragmatics:** Context, inference, and the role of the speaker and listener.



②  
Officer - in - Charge  
Govt. General Degree College, Lalgarh  
Lalgarh, Jhargram. 721516

- **Case Study:** Real-life examples of misunderstandings due to semantic or pragmatic failures.
- **Group Project:** Create scenarios demonstrating the importance of context in communication.

#### Unit 5: Sociolinguistics and Psycholinguistics

- **Sociolinguistics:** Language variation, social factors influencing language, and language change.
- **Psycholinguistics:** Language acquisition, language processing, and neurolinguistics.
- **Research Review:** Analyse scholarly articles on language and society or language and mind.
- **Presentation:** Student presentations on a chosen topic in sociolinguistics or psycholinguistics.

#### Unit 6: Applied Linguistics

- **Language Education:** Methods and challenges in teaching languages.
- **Language Policy and Planning:** Language rights, preservation, and revival.
- **Forensic Linguistics:** The role of linguistics in legal contexts.
- **Final Project:** Propose a small-scale research project or an educational program based on linguistic principles.

Each unit will include interactive lectures, reading assignments from a curated list of texts, discussion forums for student interaction, and practical assignments to apply theoretical knowledge. Assessments will be a mix of quizzes, essays, projects, and presentations to evaluate understanding and application of linguistic concepts. This structure aims to provide a comprehensive introduction to the field of linguistics, equipping students with both theoretical knowledge and practical skills.



Officer - in - Charge  
Govt. Baidya Degree College, Lalbazar  
Lalbazar, Jhargram, 721516



গভর্নমেন্ট জেনারেল ডিগ্রি কলেজ লালগড়

লালগড়, ঝাড়গ্রাম: ৭২১৫১৬

বাংলা বিভাগ আয়োজিত ভ্যালু অ্যাডেড কোর্স

শিক্ষাবর্ষ: ২০২৩-২০২৪

কোর্সের বিষয়: বাংলা কথাসাহিত্যে তিন বন্দোপাধ্যায়ের অবদান ও নির্বাচিত কথাসাহিত্যের তত্ত্বনির্ভর পাঠ

কোর্সের ব্যাপ্তিকাল: ০৯/০৫/২০২৪- ১০/০৬/২০২৪

আবেদনের সময়সীমা: ০৮/০৪/২০২৪- ২৩/০৪/২০২৪

মূল্যায়নের তারিখ: ১০/০৬/২০২৪ (সোমবার)

কোনো কোর্স ফি লাগবে না।

আবেদনের যোগ্যতামান: কেবলমাত্র ষষ্ঠ সেমেস্টারের ছাত্র-ছাত্রীদের জন্যই কোর্সটি প্রযোজ্য।

সমন্বয়কারী: বৈশাখী সাহা মণ্ডল, বিভাগীয় প্রধান, গভর্নমেন্ট জেনারেল ডিগ্রি কলেজ লালগড়

যৌথ সমন্বয়কারী: পার্বতী হেমব্রম, অনামিকা মুখার্জি, সহ-অধ্যাপিকা, গভর্নমেন্ট জেনারেল ডিগ্রি কলেজ লালগড়

বাংলা কথাসাহিত্যে তিন বন্দোপাধ্যায়ের অবদান ও নির্বাচিত কথাসাহিত্যের তত্ত্বনির্ভর পাঠ

কোর্সটির সময়সীমা ৩০ ঘণ্টা।

কোর্সে অংশগ্রহণকারী ছাত্র-ছাত্রীদের কোর্স শেষে মূল্যায়ন করা হবে এবং তার ভিত্তিতে শংসাপত্র দেওয়া হবে।

মূল্যায়নের মান হবে ৫০।

মূল্যায়নের পদ্ধতি সম্পর্কে বিস্তারিত ক্লাসে জানানো হবে।

কোর্সে প্রত্যেক ছাত্রছাত্রীর ন্যূনতম ৬০% উপস্থিতি বাধ্যতামূলক।

প্রাপ্ত নম্বরের ভিত্তিতে শংসাপত্রে যেভাবে বিভাগ বা শ্রেণি নির্ধারিত হবে-

প্রাপ্ত নম্বর	বিভাগ
৪৫-৫০	ক*
৪০-৪৫	ক
৩০-৪০	খ
২০-৩০	গ
২০র কম	অকৃতকার্য

কোর্সের পাঠ্যক্রম:

বিষয়	প্রসঙ্গ	সময়সীমা	পূর্ণমান
বাংলা কথাসাহিত্যে তিন বন্দোপাধ্যায়ের অবদান ও নির্বাচিত কথাসাহিত্যের তত্ত্বনির্ভর পাঠ	ক) ত্রয়ী বন্দোপাধ্যায়ের বাংলা সাহিত্যে আবির্ভাবলব্ধ এবং সমকালীন বাংলা কথাসাহিত্যের গতিপ্রকৃতি সম্পর্কে একটি সংক্ষিপ্ত ধারণাদান	২ ঘণ্টা	৫০
	খ) বিভূতিভূষণ বন্দোপাধ্যায়ের জীবন ও কথাসাহিত্য সম্পর্কে একটি সামগ্রিক আলোচনা	৬ ঘণ্টা	
	গ) তারাশঙ্কর বন্দোপাধ্যায়ের জীবন ও সৃষ্ট সাহিত্যের ব্যাণ্ড আলোচনা	৬ ঘণ্টা	
	ঘ) মানিক বন্দোপাধ্যায়ের জীবন ও সাহিত্য সম্পর্কে একটি সামগ্রিক আলোচনা	৬ ঘণ্টা	
	ঙ) বর্তমান যুগে তাঁদের সাহিত্য পাঠের প্রয়োজনীয়তা এবং চেনা গল্প-উপন্যাসের একটি ভিন্নমাত্রিক পাঠগ্রহণের প্রয়াস	৮ ঘণ্টা	





## কোর্সটির বিষয়:

বাংলা উপন্যাসের রাজপুরোহিত সাহিত্য-সম্রাট বঙ্কিমচন্দ্র চট্টোপাধ্যায়। আর নতুন নতুন রূপ ও রীতির অনুসন্ধানে ব্যস্ত রবীন্দ্রনাথ। আর যাঁরা কথাসিঁলী শরৎচন্দ্রের মতোই বাঙালি মানসকে সাড়া দিয়েছিলেন তাদের মধ্যে ত্রয়ী বন্দ্যোপাধ্যায় (বিভূতিভূষণ বন্দ্যোপাধ্যায়, তারাশঙ্কর বন্দ্যোপাধ্যায়, মানিক বন্দ্যোপাধ্যায়) হলেন অন্যতম। বিভূতিভূষণের উপন্যাসে আছে মানুষ, প্রকৃতি ও আধ্যাত্মিকতার প্রতি টান, তারাশঙ্করের উপন্যাসে আছে আঞ্চলিক বিশেষত্ব এবং মানিকের উপন্যাসে আছে বিজ্ঞানবুদ্ধি-মানুষের প্রবৃত্তি এবং ফ্রেয়েডিয় মনোবিকলনের প্রভাব। পাশাপাশি বর্তমান সময়ে তত্ত্ব-নির্ভর পাঠ দ্বারা দেখানো যেতে পারে তিন বন্দ্যোপাধ্যায় বর্তমান সময়ে দাঁড়িয়েও সমান প্রাসঙ্গিক। বিভূতিভূষণের 'নসুমামা ও আমি' গল্পটি কুয়ের তত্ত্ব দিয়ে পাঠ করা চলে। 'হাঁসুলি বাঁকের উপকথা'র নসুবালা আসলে বৃদ্ধা নয় বৃদ্ধ। আসলে তিনি তৃতীয় লিঙ্গের একটি চরিত্র। তপন সিংহের মতো একজন চিত্র পরিচালক নসুবালা চরিত্রকে ভুল মূল্যায়ন করে একটি নারীকে ওই চরিত্রে উপস্থাপন করেছেন। তপন সিংহ পরে নিজে লিখেছেন 'অপরিসীম মূর্ততা আমার'। তারাশঙ্করের 'রাধা' উপন্যাসে বৈষম্যবীর্ণ তত্ত্বের সাক্ষাৎ মেলে। বর্তমানে একটি বহু আলোচ্য বিষয় ইকোট্রিসিজম। বিভূতিভূষণের অনেক গল্প উপন্যাসে এই ইকোট্রিসিজমের সাক্ষাৎ মেলে। এই সব কিছু মিলিয়ে বিশ শতকীয় বাংলা কথাসাহিত্যের ঐশ্বর্যমণ্ডিত এবং গৌরবময় এক অধ্যায়কে ফিরে দেখাই এই কোর্সের মূল বিষয় হিসেবে গৃহীত হয়েছে।

## কোর্সটির উদ্দেশ্য:

বিশ্বের উন্নয়নশীল দেশগুলোতে বিভিন্ন প্রকার ভ্যালু অ্যাডেড কোর্স যেমন পেশাগত দক্ষতা, কারিগরি দক্ষতা ইত্যাদি বৃদ্ধির জন্য প্রদান করা হয়, তেমনই তা ছাত্র-ছাত্রীদের বাঁধাধরা পাঠ্যক্রমের বাইরে একটি স্বতন্ত্র জগতের সন্ধান দেয়। আমাদের এই পাঠ্যক্রমে ব্যবহারিক দক্ষতার পাশাপাশি মানসিক সমৃদ্ধির দিকেও সমান গুরুত্ব দেওয়া হয়েছে যা ছাত্রছাত্রীদের একটি রুচিসম্মত উন্নতমানের জীবনযাপনে সহায়ক হবে।

ছাত্র-ছাত্রীদের আত্মিক ও বৌদ্ধিক বিকাশের সঙ্গে সঙ্গে কর্মক্ষেত্রেও যাতে এই পাঠ্যক্রমটি সহায়ক হয়ে উঠতে পারে সেই ভাবনাকে মাথায় রেখে এই পাঠ্যক্রমে বাংলা ভাষা ও সাহিত্যের ব্যবহারিক দিক সম্পর্কে একটি বিকল্প এককের পরিকল্পনা করা হয়েছে। ব্যবহারিক জীবনে আমরা প্রায়শই দেখতে পাই জ্ঞান ও চর্চার অভাবে শুদ্ধ বাংলা বলা ও লেখার ক্ষেত্রে আমাদের মধ্যে অনেক ক্ষেত্রেই কিছু ত্রুটি থেকে যায়। অন্যদিকে যে কোন ভাষা ও সাহিত্যের প্রকাশ ও বিকাশ ঘটে ব্যাকরণের উপর ভিত্তি করে। ভাষার সুষ্ঠু প্রয়োগবিধি জানতে গেলে ব্যাকরণের কিছু রীতি-পদ্ধতি অবশ্যই জানা প্রয়োজন। সর্বোপরি বাংলা কথাসাহিত্যের পাঠ-পদ্ধতি বদলাচ্ছে। তত্ত্ব ব্যাতিরেকে সাহিত্য পাঠ আর সম্ভব নয়। সাহিত্যকে তত্ত্বের আলোয় পাঠ উন্মোচিত করছে তার বহুমাত্রিকতাকে। সেদিকটি মাথায় রেখে এই কোর্সে আমরা চেনা কিছু গল্প-উপন্যাসের ভিন্নমাত্রিক পাঠগ্রহণের প্রয়াসও রেখেছি।

## সহায়ক গ্রন্থসমূহ :

- ১ বঙ্গসাহিত্যে উপন্যাসের ধারা- শ্রীকুমার বন্দ্যোপাধ্যায়
- ২ বাংলা উপন্যাসের কালান্তর- সরোজ বন্দ্যোপাধ্যায়
- ৩ বাংলা উপন্যাস: দ্বন্দ্বিক দর্পণ- সরোজ বন্দ্যোপাধ্যায়
- ৪ দুই বিশ্বযুদ্ধের মধ্যকালীন বাংলা কথাসাহিত্য- গোপিকানাথ রায়চৌধুরী
- ৫ বাংলা উপন্যাসের ইতিহাস (১-৬ খণ্ড)- ক্ষেত্র গুপ্ত
- ৬ কালের প্রতিমা : বাংলা উপন্যাসের পঞ্চাশ বছর- অরুণকুমার মুখোপাধ্যায়
- ৭ মধ্যাহ্ন থেকে সায়াহ্নে : বিংশ শতাব্দীর বাংলা উপন্যাস- অরুণকুমার মুখোপাধ্যায়
- ৮ উপন্যাসের বর্ণমালা- সুমিতা চক্রবর্তী
- ৯ কথাসাহিত্যের নতুন পাঠ- কৃষ্ণরূপ চক্রবর্তী
- ১০ পঞ্চাশের দশকের কথাকার- উজ্জ্বলকুমার মজুমদার (সম্পাদিত)
- ১১ বঙ্কিমচন্দ্র ও সমকালীন গৌণ ঔপন্যাসিক- রামদুলাল বসু
- ১২ উপন্যাসের কথা- দেবীপদ ভট্টাচার্য
- ১৩ বাংলা কথাসাহিত্যের একাল- বীরেন্দ্র দত্ত
- ১৪ সাহিত্য কোষ : কথা সাহিত্য- অলোক রায়
- ১৫ প্রসঙ্গ : বাংলা উপন্যাস- অরুণ সান্যাল (সম্পাদিত)
- ১৬ আধুনিক ও বাংলা উপন্যাস- অশ্রুকুমার সিকদার

*Biswanath Chakrabarty*





## Brochure

**Government General Degree College Lalgarh**

**Lalgarh, Jhargram 721516**

**Value Added Course 1**

**Course Name: India's Struggle for Freedom, 1885 – 1947**

**Organised by**

**Department of History in association with IQAC**

**Academic Session-2022-2023**

**(12.05.23-26.06.23)**

**Course Coordinator:** Arindam Ghosh, Assistant Professor & HOD Government General Degree College Lalgarh

### **Resource Persons -**

**Arindam Ghosh** – *Assistant Professor & HOD Government General Degree College Lalgarh*

**Nowser Rowa Sk-** *Assistant Professor Government General Degree College Lalgarh*

**Rahul Saikh-** *Assistant Professor, Jhargram Raj College (girl's wing)*

**Total Duration** -30 Hours

**Eligible Criteria:** **Students other than History Department**

**Brief outline:** The struggle for Indian independence lasted nearly 200 years. People from every sphere of society joined the movement as they shared the desire to be free of British colonial rule. The war for independence was a watershed moment in Indian history, having a considerable impact on the country's political and social milieu. Economic exploitation, political despotism, and cultural oppression were among the factors that fuelled the Indian freedom struggle, and important individuals and events were critical to the country's progress towards independence. The Indian freedom struggle is a powerful reminder of the importance of unity and determination in the face of oppression and injustice.

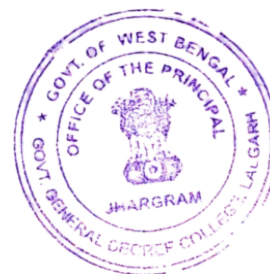
## **Course Contents:**

This course is divided into three broad modules with sub-units covering the areas contained in the modules.

### **Module -1**

**10 lectures**

- 1.1 Introduction
- 1.2 Emergence of Indian Nationalism -
- 1.3 Establishment of Indian National Congress
- 1.4 Nature of Congress Party and its Achievements
- 1.5 Moderate phase 1885-1905
- 1.6 Bengal Partition and Swadeshi Movement 1905-1908
- 1.7 Militant Nationalism – 1908-1933
- 1.8 Emergence of Muslim League



### **Module -2**

**12 Lectures**

#### **Indian Struggle for freedom under Gandhi's leadership**

- 2.1 Rowlatt Satyagraha
- 2.2 Khilafat Movement 1919-1923
- 2.3 Non Co-operation Movement -1920-1922,
- 2.4 Civil Disobedience Movement -
- 2.5 Different Government Acts from 1892 to 1947
- 2.6 Quit India Movement

### **Module -3**

**6 Lectures**

#### **The final phase of the Indian freedom struggle:**

- 3.1 Emergence and Achievements of the Indian National Army
- 3.2 Revolt of Royal India Navy
- 3.3 Indian Partition

## **Objectives:**

The Objective of the Course is-

- i) To acquaint students with the developments and course of events that marked India's struggle for freedom.
- ii) To help students identify personalities, ideologies and movements that advanced the cause of Indian freedom.
- iii) To make them aware of the contributions of Indians from different sections of society towards India's freedom struggle

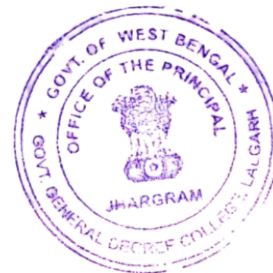
## **Outcomes :**

- i) This course will enable students from other disciplines to analyse the causes, consequences, and repercussions of the Indian struggle for independence.

- ii) Understand the ideologies, issues and conflicts during the Indian National movement.
- iii) Appreciate the efforts of Indians to free colonial India from British rule.
- iv) The course will improve students' capacity to answer questions concerning the Indian freedom struggle, which will be useful in appearing for various competitive examinations.

#### Suggested Readings:

1. Bipan Chandra and others, India's Struggle for Independence.
2. Sumit Sarkar, Modern India, 1885-1947.
3. Bipan Chandra, Nationalism and Colonialism in Modern India.
4. Sekhar Bandyopadhyay, Plassey to Partition and after
5. Sumit Sarkar, Adhunik Bharat (Bengali Translation)
6. Bipan Chandra, Bharater Swadhinata Sangram (Bengali Translation)
7. Sekhar Bandyopadhyay, (Ed.) Nationalist Movement in India: A Reader
8. R. C. Majumdar, History of the Freedom Movement in India
9. Jawaharlal Nehru, The Discovery of India
10. Bipan Chandra, History of Modern India



*Biswanath Chakrabarty*

Officer-in-Charge  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram, 721516

*Arindam Ghosh*

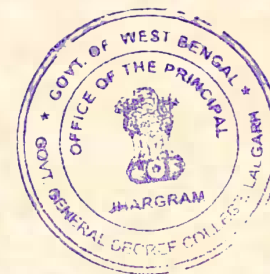
Assistant Professor & Head  
Department of History  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram





**Government General Degree College Lalgarh**  
**Government of West Bengal; Affiliated to Vidyasagar University**  
**P.O.: Lalgarh, District: Jhargram, PIN:721516**

**Department of Sociology**  
**Organises**  
**Value-Added Course I**  
**on**  
**Mixed Method Research**  
**Academic Session: 2022-2023**



**Course Duration: 10.05.2023 to 02.06.2023**

**Start Date: 10.05.2023**

**Registration Starts on: 03.04.2023**

**Last Date for Registration: 27.04.2023**

**Course Eligibility: Students enrolled in Sociology Honours**

**Course Fee: Nil**

**Course Coordinator: Dr. Amrita Dey. HOD & Asst. Prof. Department of Sociology; GGDC**  
**Lalgarh**

*Biswanath Chakrabarty*  
Officer-in-Charge  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram, 721516



**Government General Degree College Lalgarh**  
**Government of West Bengal; Affiliated to Vidyasagar University**  
**P.O.: Lalgarh, District: Jhargram, PIN:721516**

**About the Course:** A 15-day course on mixed methods research designed to provide a comprehensive introduction and in-depth exploration of key concepts, methodologies, and applications of mixed methods in research.

The objectives of the course on mixed methods research are to develop students' understanding and practical skills in designing, implementing, and evaluating mixed methods studies. It will equip students with the skills in selecting and applying various mixed methods research design. They will also develop the ability to use and combine qualitative and quantitative data collection methods, ensuring data quality and validity.

**Course Outcomes:** i. Comprehensive understanding of Mixed Methods Research; ii. Ability to design Mixed Methods Studies; iii. Proficiency in data collection techniques; iv. Competence in data analysis; v. Skill in interpreting and synthesizing findings; vi. Application of Mixed Methods; vii. Ability to develop a Mixed Methods Research proposal; viii. Ethical awareness in Mixed Methods Research.



*Biswanath Chakrabarty*  
Officer-in-Charge  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram, 721516



**Government General Degree College Lalgarh**  
**Government of West Bengal; Affiliated to Vidyasagar University**  
**P.O.: Lalgarh, District: Jhargram, PIN:721516**

**Course Syllabus:**

**Module I-Introduction to Mixed Method Research (3 hrs)**

- Qualitative Vs Quantitative
- Rationale for Mixed Methods

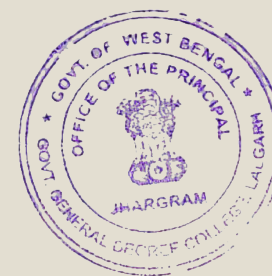
**Module II- Research Design (6 hrs)**

- Types: Mixed Methods Designs
- Sampling Strategies

**Module III- Data Collection Techniques -Interviews; Focus group; Observations; Surveys; Secondary Analysis (6hrs)**

**Module IV- Data Analysis Strategies-(Coding; Thematic Analysis; Statistical Techniques; Integrating Qualitative and quantitative strategies. (8hrs)**

**Module V- Ethical Considerations in Mixed Method Research (2 hrs)**



**Basic Readings:**

- 1.Creswell, J. W., & Plano Clark, V. L. (2017). *Designing and conducting mixed methods research* (3rd ed.). SAGE Publications.
2. Plano Clark, V. L., & Ivankova, N. V. (Eds.). (2016). *Mixed methods research: A guide to the field*. SAGE Publications.
- 3.সেন সুদর্শনা ও অনিন্দ্য ভট্টাচার্য (২০১৯) সামাজিক গবেষণা -পদ্ধতিবিদ্যা, পদ্ধতি ও কৌশল, কলকাতা, কে পি বাগচি।

**Resource Persons:**

1. Dr. Amrita Dey; HOD & Asst. Prof. in Sociology; GGDC Lalgarh
- 2.Sri. Gour Gopal Barman; Asst. Prof in Sociology; GGDC Lalgarh.

*Biswanath Chakraborty*  
Officer-in-Charge  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram, 721516





**Government General Degree College Lalgarh**  
**Government of West Bengal; Affiliated to Vidyasagar University**  
**P.O.: Lalgarh, District: Jhargram, PIN:721516**

**About the Course:** Value added course provide way to overcome the barrier between the conventional educational programme and engage into transformative knowledge and skills that would make students industry ready. No conventional education could provide students with domain specific professional skills. Keeping that in mind the Department of Physiology of Government General Degree College Lalgarh has introduced a **15-days (30 hrs) value added course on 'Pharmaceutical Marketing and Sales'**. The course provides concept, skills, and tools in securing the job of a pharmaceutical representative.

**Course Outcomes:**

- ❖ To imparts significant knowledge about the fast-changing market demands in pharmaceutical field.
- ❖ To explores various opportunities in the pharmaceutical marketing field along with imparting knowledge of the growth charts of various companies.

*Biswanath Chakraborty*  
Officer-in-Charge  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram, 721516





**Government General Degree College Lalgarh**  
**Government of West Bengal; Affiliated to Vidyasagar University**  
**P.O.: Lalgarh, District: Jhargram, PIN:721516**

**Course Syllabus:**

**Module I- Idea of Pharmaceutical Companies (6 hrs)**

Basic idea on pharmacology, Mechanism of drug action, Generic drugs, OTC drugs, Top pharmaceutical companies and their growth charts, Patents and government policies.

**Module II- Marketing Basics: (4 hrs)**

Definition, General concepts (SWOT Analysis and 7Ps), Marketing Environment (STEM), Demand and supply (Inventory maintenance), Sales charts (cumulative, YTD, monthly, seasonal).

**Module III- Pharmaceutical Marketing Channels (6 hrs)**

Emerging concepts in marketing, Investment in digital marketing, Job profile of professional sales representative (PSR), Selling skills, Importance of public relations, Supply chain logistics (distributor-chemist).

**Module IV- Product life cycle & Portfolio analysis (6 hrs)**

Product management and promotion strategies, Determinants and issues in pricing management, Return on investment, Competitor analysis.

**Module V- Pharma branding, Consumer Management and advertisement management (4 hrs)**

Business meetings, Customer meetings, Work ethics, Negotiation skills



*Biswajit Chakrabarty*  
Officer-in-Charge  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram, 721516

**Basic Readings:**

1. "Goodman & Gilman's The Pharmacological Basis of Therapeutics"; Brunton & Knollmann; McGrawHill, 14<sup>th</sup> ed. (2022)
2. "Supply Chain Management in the Drug Industry: Delivering Patient Value for Pharmaceuticals and Biologics"; Hedley Rees; Wiley, 1<sup>st</sup> ed. (2011)

**Resource Persons:**

1. Subhanu Sekhar Roychowdhury; H.O.D. & Asst. Prof. in Physiology; GGDC, Lalgarh
2. Partha Nandi; Asst. Prof in Physiology; GGDC, Lalgarh.

Government General Degree College, Lalgarh  
Lalgarh, Jhargram 721516  
Value Added Course on BIMSTEC  
[Bay of Bengal Initiative for Multi Sectoral Technical & Economic Co-operation]  
Organized by  
Department of Political Science  
Academic Session-2023-2024



**Lesson Plan**

**Course Co-Ordinator** Sirin Mollah, Assistant Professor, Government General Degree College, Lalgarh

**Resources Persons**

Shibashis Ghosh, HOD & Assistant Professor, Government General Degree College,

Sikandar Ansari, Assistant Professor & HOD Jhargram Raj College

**Mode of teaching**

Class lecture using ICTS,

Group Discussion and question answer session

SL. NO	TOPIC	CREDIT
1	BIMSTEC-ABROAD OVERVIEW	Sirin Mollah 6HOURS
2	BIMSTEC IS A VIABLE ALTERNATIVE TO SAARC	Shibashis Ghosh 6HOURS
3	BIMSTEC AND NORTH-EAST INDIA	Shibashis Ghosh 6HOURS
4	BRIDGE BAY OF BENGAL THROUGH BIMSTEC	Sirin Mollah 6HOURS
5	LOOK BIMSTEC UNDER THE RUBRIC OF NARENDRA MODI'S ACT PACIFIC POLICY	Sikandar Ansari 6HOURS

**OBJECTIVES**

Highlighting the importance of BIMSTEC as an international issue among the students.

Another Objective is to inform the students about the purpose and effectiveness of BIMSTEC.

To aware the students how BIMSTEC can play a crucial role in regional cooperation?

This course will encourage students to evaluate India's role in BIMSTEC with special reference to prime minister Narendra Modi.

**OUTCOMES**

As a subject of international relations students have been able to regional cooperation very closely.

Students understood how BIMSTEC has emerged viable alternative to SAARC.

Students get a deep insight the role of BIMSTEC in revitalizing India's North East.

Students are now very well aware the benefits of BIMSTEC for India and what are the challenges faced by this organization.

Officer-in charge

GGDC, Lalgarh

Officer - In - Charge

Govt. General Degree College, Lalgarh  
Lalgarh, Jhargram. 721516

*Sirin Mollah*  
15/04/24

Course Coordinator

Assistant Professor

Department of Political Science

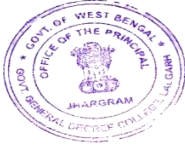
Government General Degree College, Lalgarh  
Lalgarh, Jhargram



# Report of Value-Added Course

on

*Yoga for Well-being*



GOVERNMENT GENERAL DEGREE COLLEGE LALGARH  
LALGARH: JHARGRAM: 721516  
Website: www.lalgarhgovtcollege.org : Telephone No.: 03221-291715

Memo No. *PHIH/VAC/1*

Date: 13.04.2023

## Notice

All students are hereby notified that the Department of Philosophy in collaboration with IQAC will organise a Value-Added Course in Philosophy titled '*Yoga for Well-being*'. The course is free of cost to students. All Interested students may collect the registration forms from the office of the Department of Philosophy between 19.04.2023-25.04.2023 from 1.30 p.m. to 2 p.m. and submit the filled-up form to the coordinator of the course positively between 26.04.2023-03.05.2023 from 3 p.m. to 4 p.m. Students who successfully complete the course will receive a certificate. The course starts from 10.05.2023 to 23.06.2023. Please see the attached brochure for more details about the course.

*13/04/23*  
Officer-in-Charge

Officer-in-Charge  
Government General Degree College Lalgarh  
Lalgarh, Jhargram, 721516

*13.04.2023*  
Head of the Department

Assistant Professor & Head  
Department of Philosophy  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram

*Santosh Mandal*  
*13.04.2023*  
Course Coordinator

Copy to,

1. OIC
2. Concerned Guard File
3. All the Heads of the Department
4. IT Cell

**Course Title: *Yoga* for Well-being**

**Course Duration: 30 Hours**

This course was organised by the Department of Philosophy from 10.05.2023-23.06.2023. Classes were held daily (except Saturdays and Sundays) from 10:30 a.m. to 1:30 p.m. in the college classroom. The duration of the course was 30 hours. At the end of the course, all participants received a certificate of completion.

The lectures were delivered by the faculty members of the Department of Philosophy, namely Prof. Gopal Chandra Rana (Head of the Department of Philosophy), Prof. Sairath Mukherjee (who is also the coordinator of the course) and Prof. Anjan Kumar Mandal.

**Course Objectives:**

1. To introduce students to the principles and practices of *yoga*.
2. To enhance physical, mental, and emotional well-being through *yoga*.
3. To develop a personal *yoga* practice that can be integrated into daily life.
4. To empower student teachers the tools they need to run a peaceful classroom at workplace.

**Course Outcomes:**

By the end of this course, students will be able to:

1. Understand the historical and philosophical foundations of *yoga*.
2. Perform basic and intermediate *yoga* asanas (postures) with proper alignment.
3. Practice pranayama (breath control) techniques to improve focus and relaxation.
4. Apply meditation techniques to reduce stress and enhance mental clarity.
5. Integrate *yoga* practices into their daily routines for overall well-being.

**Course Content:**

**A. Introduction to *Yoga***

1. Definition and meaning of *yoga*,
2. History and Development of *yoga*
3. Types of *Yoga*:
  - A. *Jñāna Yoga*
  - B. *Karma Yoga*,
  - C. *Bhakti Yoga*
  - D. *Rāja Yoga*

**B. *Yoga* Philosophy**

1. Key concepts from *yoga* philosophy (e.g., *Yamas* and *Niyamas*)

2. The role of meditation and mindfulness in *yoga*
3. Discussion on the Bhagavad Gita and *Yoga* Sutras



### C. Basic *āsanas* (Postures)

1. The Concept
2. Standing and seated postures
3. Alignment and safety in *āsanas*

### D. Prāṇāyama (Breath Control)

1. Importance of breath in *yoga*
2. Basic pranayama techniques (like, *Anulom Vilom*, *Kapalbhati*)

### E. Integrating *Yoga* into Daily Life

1. Creating a personal *yoga* routine
2. *Yoga* for stress management
3. *Yoga* for physical and mental well-being

### Assessment:

1. Attendance and participation:
2. Practical demonstration of asanas:
3. Written assignment on *yoga* philosophy:
4. Final practical exam (including asanas, pranayama, and meditation):

### Recommended Reading:

#### Primary Book: *Yogasūtra*

1. “The Heart of *Yoga*: Developing a Personal Practice” by T.K.V. Desikachar
2. “Light on *Yoga*” by B.K.S. Iyengar
3. “The *Yoga* Sutras of Patanjali” by Swami Satchidananda

*Biswajit Chakrabarty*

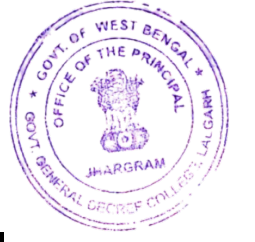
Officer-in-Charge

Officer-in-Charge  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram, 721516

*Sairath Mukherjee*

Course Coordinator





Government General Degree College Lalgarh  
Lalgarh, Jhargram, 721516  
Department of Sanskrit  
Value Added Course 1 on “नव्यन्यायशैल्या वाक्यनिर्माणकौशलम्”  
Session: 2023-2024

**SYLLABUS OF THE VALUEADDED COURSE**

UNIT	TOPICS	DAY	HOURS	TIME
1	भूमिका	13.05.2024	02	11.00 AM – 1.00 PM
2	आधाराधेयभावः	14.05.2024	02	11.00 AM – 1.00 PM
3	निरूप्यनिरूपकभावः	15.05.2024	02	11.00 AM – 1.00 PM
4	अवच्छेद्यावच्छेदकभावः	16.05.2024	02	11.00 AM – 1.00 PM
5	अवच्छेदतावच्छेदकधर्मनिवेशः	17.05.2024	02	11.00 AM – 1.00 PM
6	प्रकारतावच्छेदकावच्छेदकधर्मनिवेशः	18.05.2024 & 20.05.2024	02 + 02	11.00 AM – 1.00 PM
7	कार्यकारणभावः	21.05.2024 & 22.05.2024	02 + 02	11.00 AM – 1.00 PM
8	परम्परासम्बन्धः	24.05.2024	02	11.00 AM – 1.00 PM
9	प्रतियोग्यनुयोगिभावः	25.05.2024 & 27.05.2024	02 + 02	11.00 AM – 1.00 PM
10	उद्देश्यविधेयभावः	28.05.2024	02	11.00 AM – 1.00 PM
11	व्याप्यव्यापकभावः	29.05.2024	02	11.00 AM – 1.00 PM
12	Exam & Certificate Distribution	30.05.2024	02	11.00 AM – 1.00 PM

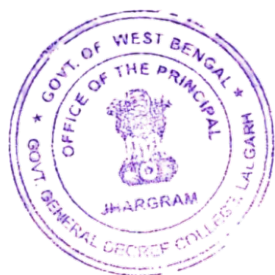
**Resource Person:** 1. Dr. Goutam Bhar, HOD & Assistant Professor Department Of Sanskrit, GGDC, Lalgarh

2. Dr. Hemanta Dutta, Assistant Professor Department Of Sanskrit, GGDC, Lalgarh

3. Mr. Sukul Tudu, Assistant Professor Department Of Sanskrit, GGDC, Lalgarh

*Biswanath Chakraborty*  
Officer-in-Charge  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram, 721516

*Dr. Goutam Bhar*  
Assistant Professor & Head  
Department of Sanskrit  
Government General Degree College,  
Lalgarh, Jhargram



GOVERNMENT GENERAL DEGREE COLLEGE, LALGARH  
LALGARH, JHARGRAM 721516

**DEPARTMENT OF SANTALI**

VALUE ADDED COURSE 2023-2024

TITLE of COURSE: **OLCHIKI SCRIPTOLOGY**

Course co-ordinator: Ramo Tudu, Asst. Professor and Head,  
Department of Santali, GGDC, Lalgarh

**Duration of Course 20<sup>TH</sup> April 2024 to 20<sup>th</sup> May 2024 (30 Hours)**

**Last date of registration form submission:** 09.04.2024

**Classes start from:** 20<sup>th</sup> April 2024

**Date of Evaluation:** 27<sup>th</sup> May 2024

**Eligibility of application:** 6<sup>th</sup> semester only

**Mode of teaching:** Blended Mode

**Minimum attendance:** 70 percent

**Evaluation method:** Class Assessment- 20 marks

Final Test- 30 marks

**Total evaluation score:** 50 marks

**Gradation of marks:**

Obtained Marks	Grade
90% to above	A+
80 to 90%	A
70 to 80%	B+
55 to 70%	B
45 to 55%	C
Less 45%	D



## OL CHIKI

There are about 7000 languages in the world, but about 25 to 30 scripts are used to write those seven thousand languages. OL CHIKI is an important script in among them. It is used for Santali language. They use about 49 sounds in their speech. To transcribe those 49 sound symbols, 30 main characters and 5 sub-characters are used as sound symbols. Santali is a language of Santal tribe. It is one of the oldest languages of world. More than 12 million people used Santali language on their conversation. There are about one corer speakers in India.

## **Course Structure:**

### **Unit- 1. 1. Introduction to Scriptology**

2. Development of Writing Systems
3. Script Classification and Analysis
4. Script-Specific Features and Styles
5. Cultural and Historical Contexts of Script Development
6. Practical Applications of Scriptology

### **Unit-2 1. Santali language: introduction**

2. Phoneme
3. Dhvani sthan

### **Unit -3. Traditional Ideas of communication:**

1. Traditional resources: Gira, Sanket
2. code symbol: Script

### **Unit -4. Scripts used for Santali language:**

1. Sindhu lipi 2. kaithi lipi 3. Roman lipi 4. Devnagli lipi
5. Odia lipi and 6. Olchiki lipi

### **Unit -5. Idea about the Olchiki script:**

1. Script Invention 2. Olchiki script starting period
3. Vowels 4. Consonants 5. Checked sound 6. Writing letter
7. Joint letter.

*Biswanath Chakraborty*

Officer-in-Charge  
Government General Degree College, Lalgarh  
Lalgarh, Jhargram, 721516

## Objectives and course outcome

### **Course Objectives:**

1. Understand the evolution and development of writing systems and scripts.
2. Analyze the structural and stylistic features of various scripts.
3. Identify and classify different types of scripts (e.g., alphabetic, syllabic, logographic).
4. Explore the cultural, historical, and social contexts of script development.
5. Develop skills in reading and writing scripts from diverse languages and cultures.

### **Course Outcomes:**

#### Knowledge Outcomes:

1. Understand the origins and evolution of writing systems.
2. Recognize and identify various script types (e.g., Latin, Cyrillic, Chinese characters).
3. Familiarity with script-specific features (e.g., directionality, punctuation).
4. Knowledge of script classification systems (e.g., Unicode).

#### Skill Outcomes:

1. Read and write scripts from diverse languages (e.g., Sanskrit, Arabic, Chinese etc.).
2. Transliterate texts from one script to another.
3. Analyze and compare script styles and historical developments.
4. Develop hand-writing skills in various scripts.

#### Application Outcomes:

1. Apply knowledge of scripts in language teaching and learning.
2. Use script analysis in linguistic and cultural research.
3. Develop expertise in font design and typography.
4. Contribute to language documentation and preservation efforts.

#### Cognitive Outcomes:

1. Critical thinking in analyzing script structures and historical contexts.
2. Problem-solving in deciphering unfamiliar scripts.
3. Cultural awareness and appreciation of script diversity.
4. Understanding of the role of scripts in shaping language and identity.

### **Assessment:**

1. Script identification and analysis exercises
2. Transliteration and transcription tasks
3. Presentations on script-related case studies
5. Script knowledge and history



## VAC 01: Basic Course in Fungal Biofertilizer

### Syllabus: 2021

Unit-I: Basic idea on Whittaker's Classification with class characters and examples. General characteristics of Fungi. Different types of fungi found in nature with examples. Economic and ecological values of fungi

Unit-II : Classification of fungi: Traditional i.e. by Bessey (1950), Martin (1961), Alexopoulos (1962), Ainsworth (1971), Modern: D. J. Mc Laughlin and E.G. Mc Laughlin (2000), Hibbett et al. 2007) and others if any

Unit-III: Chitridiomycetes, Zygomycetes, Ascomycetes and Basidiomycetes- General Account, class characters, examples and importance.

Unit-IV: Slime molds-taxonomic status and classification, Oomycota-taxonomic status and ecology in connection with economics.

Unit-V: Glomeromycota-features and importance. Mycorrhizae, AM, VAM and Ectomycorrhizae. Role of eco and endomycorrhizae.

Unit-VI: INVAM, Phylum-Glomeromycota, Class-Glomeromycetes, Orders- Archaeosporales, Diversisporales, Glomerales, Paraglomerales, Biology of AM fungi

Unit-VII: Rhizosphere soil and root, colonization % and spore density study, seasonal impact and spore number, dependency and assistance. Chemicals used in AM study, precaution.

Unit-VIII: Staining technique of roots for AM study, spore isolation and density study.

Unit-IX: Inoculation of seeds by AM Spore isolated from soil, colonization study, spore number study, inoculum production and spore identification.

Unit-X: Soil collection, sterilization of soil, sterilization of spores and equipment, artificial inoculation and inoculum production.

Unit-XI: Mixed culture, pure culture, cultural characteristic study, inoculum production using Sudan grass (*Sorghum* sp.) and maize.

Unit-XII: Growth study on medicinal plants using *Glomus*, *Scutellospora*, *Gigaspora*, *Acaulospora* etc. (Any one) with control set.

Unit-XIII: Root, shoot, leaf and different morphological parameters study.

Unit-XIV: Mass culture and inoculum production using forest soil, garden soil and kitchen garden soil,

Unit-XV: Application of inoculum in *Amada* and *Catharanthus* plant for potential study. Study on Visible form of host plant and soil characteristic study for pot artificially inoculated.

Unit-XVI: Practical study on the isolation of AM spores using stereomicroscope, spore study under compound microscope, INVAM study, study on different literature for research.

Unit-XVII: Field study at Forest, College Garden, soil collection, rhizosphere soil collection, spore isolation, chemical preparation etc.

Officer-in-Charge

General Degree College, Lalgarh

SHOT ON REDMI Y3  
AI DUAL CAMERA

Head,  
Dept. of Botany  
And Gen. Degree College, Lalgarh



Syllabus: 2022

Unit-I : Basic idea on Botany, Botany as natural science, Plant Science, Classification of Plants, identification of different types of plants, Institutes concerned with plant science, herbarium, arboretum, botanic garden, natural park, nursery, plant utilization and management.

Unit-II : The root, the shoot and stem, the leaf.

Unit-III: Bracts, bracteoles and Inflorescence, flowers and their parts, importance and utilization, Sporogenesis and gametogenesis, seeds, structure and dispersal mechanisms

Unit-IV: Cell, Cell wall, composition, tissue, types, system in tissue, anatomical importance

Unit-V: Secondary growth and anomaly

Unit-VI: Abscission, healing of wounds and grafting

Unit-VII: Algae, classification and importance, major algal products, practical use of algae

Unit-VIII: Fungi, Classification, Major types, uses and damage by fungi, Major diseases caused by fungi, lichens, use and importance.

Unit-IX: Bryophyta, classification, Occurrence, uses, ecological significance, bryomonitoring, moss, types, uses, geological time scale and pit moss, fossil enigma and bryophyta.

Unit-X: Pteridophytes, Classification, type genera, economic and ecological importance, fern allies, edible pteridophytes, pteridophytes used in nursery and decoration, spore morphology, general and special types of pteridophytes.

Unit-XI: Gymnosperms, classification, fossil types, living types, *Cycas*, *Pinus*, *Gnetum* and *Ephedra*, Medicinal use of gymnosperm, ecological and economic significance, Cultivation and planting of major Gymnosperms.

Unit-XII: Virus, DNA, RNA virus, prions, porons, replication and importance of major viruses, Classification of bacteria, bacterial staining, replication, bacterial diseases, control measures and etiology of disease-causing bacteria on plants.

Unit-XIII: Energy utilization, Biological oxidation, glycolysis, Krebs cycle, respiratory chain, hydrogen and electron carriers, flavoproteins, coenzymes, cytochromes, mitochondria and ATP synthesis, glyoxylate cycle.

Unit-XIX: Plant water relations, osmosis, diffusion, water potential, solute potential and pulse potential, functions of transpiration, ascent of water through xylem, phloem transport, phloem loading and unloading.

Unit-XV: Photoperiodism and Vernalization, continuity of life, Cell cycle and cell division, DNA replication, Genes and enzymes, genetic code and breaking the code.

Unit-XVI: Linkage and crossing over, Gene interactions, multiple alleles, codominance, lethal gene, gene complex, epistasis, polygenic interactions.

Unit-XVII: Ecology, ecological settings, Population genetics, gene pool, Hardy-Weinberg's equation, selection, outbreeding, gene jumping, natural selection, polymorphism, transient and balanced type.

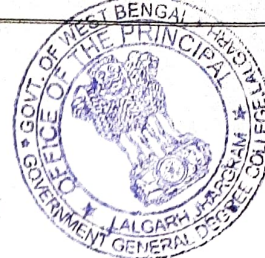




GOVERNMENT OF WEST BENGAL  
GOVERNMENT GENERAL DEGREE COLLEGE LALGARH

Office of the principal

P.O.: LALGARH: DIST.: JHARGRAM: e-mail: [principal@lalgarhgovtcollege.org](mailto:principal@lalgarhgovtcollege.org)



**About the Course:** Value-added courses refer to additional educational programs or training that supplement a person's primary academic or professional qualifications. These courses are designed to provide practical skills, enhance knowledge, and offer a competitive edge in the job market. Value-added courses can be pursued by students, professionals, or individuals seeking to acquire specific skills beyond their regular academic curriculum. Keeping that in mind the Department of Zoology of Government General Degree College Lalgarh has introduced a **20-days (30 hrs) value-added course on 'Vermicompost'**.

**Course Outcomes:** After successful completion of these course, students would able to

- To learn the techniques of composting in limited space.
- To cultivate skills to understand vermiculture.
- To develop technical skills in harvesting and management of vermicompost.
- To understand the scope of vermicomposting as entrepreneurship.

**Syllabus of the Course**

**Module I:(4 hrs)**

Introduction to vermiculture. definition, meaning, history, economic important, their value in maintenance of soil structure. Role of earthworms in bio transformation of the residues generated by human activity and production of organic fertilizers.

Waste materials: Classification, disposal techniques, their segregation & processing

**Module II: (8 hrs)**

Biology of *Eisenia fetida*.

- a) Taxonomy Anatomy, physiology and reproduction of Lumbricidae.
  - b) Vital cycle of *Eisenia fetida*: alimentionation, fecundity, annualr eproducer potential and limit factors (gases, diet, humidity, temperature, PH, light, and climatic factors).
- Key to identify different types of earthworms. Collection of native earthworms & their identification.

**Module III:(3 hrs)**

Vermiculture and harvest: Study of Vermiculture, Vermiwash& Vermicompost equipments, devices.



#### Module IV:(8 hrs)

Vermicomposting, harvest and processing. Nutritional Composition of Vermicompost for plants, comparison with other Fertilizers. Bed preparation for Anaerobic & Aerobic composting and mixing of beds. Maintenance of vermicompost & climatic conditions. Harvesting, drying, packaging, transport and storage of Vermicompost.

#### Module V:(5 hrs)

Vermiwash collection, composition & use. Vermiwash collection and processing technique. Separation of life stages. Enemies of Earthworms. Study of verms diseases & enemies.

### Tentative Class Schedule & Lesson Plan of Value-Added Course

Sl. No	Date	Time	Teachers & Module
1	23.08.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module I
2.	24.08.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module I
3.	25.08.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module II
4.	26.08.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module II
5.	27.08.2022	9am – 10am	Kishore Majhi; Module II
6.	30.08.2022	9am – 10am	Kishore Majhi; Module II
7.	31.08.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module II
8.	01.09.2022	9am – 10am	Kishore Majhi; Module III
9.	02.09.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module III
10.	03.09.2022	9am – 10am	Kishore Majhi; Module IV
11.	07.09.2022	5pm – 6pm	Kishore Majhi; Module IV
12.	08.09.2022	9am – 10am	Kishore Majhi; Module IV
13.	13.09.2022	5pm – 6pm	Kishore Majhi; Module IV
14.	14.09.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module IV
15.	15.09.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module IV
16.	16.09.2023	9am – 10am	Kishore Majhi; Module V
17.	19.09.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module V
18.	20.09.2022	9am – 10am & 5pm – 6pm	Kishore Majhi; Module V
19.	21.09.2022	9am – 10am & 5pm – 6pm	Evaluation (M.C.Q. Test) Viva and Discussion
20.	22.09.2022	5pm – 6pm	Result and Certificate awarded

*Biswanath Chakrabarty*

Officer-in-Charge

Government General Degree College, Lalgarh

Lalgarh, Jhargram, 721516