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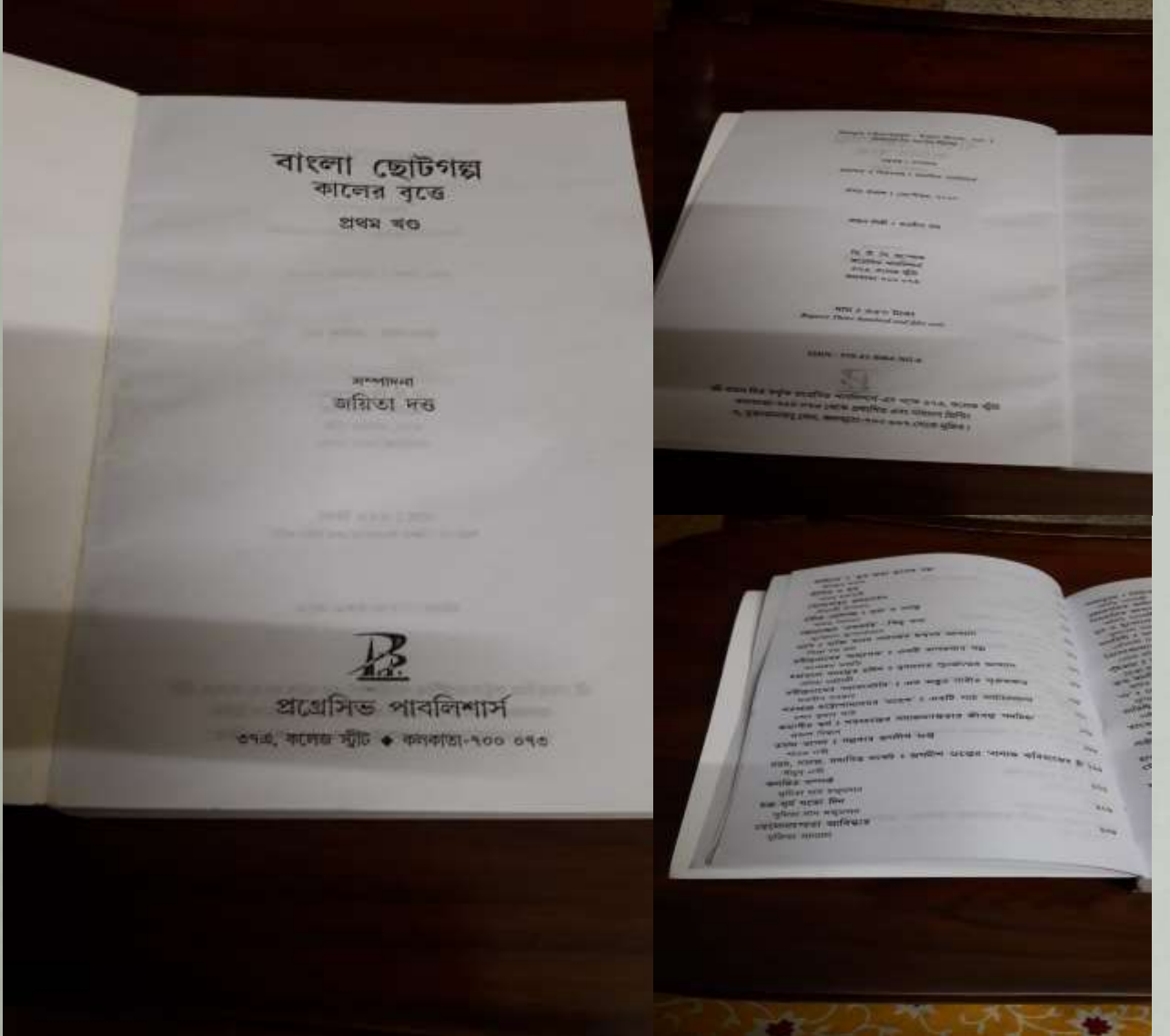
Ref.

Date 20

Year: 2020

Name of the teacher: Dr. Sumita Das Majumdar

Title of book/chapter/paper: বাংলা ছোটগল্প (কালের বৃত্তে :
প্রথম খন্ডকলঙ্কিত সম্পর্ক)



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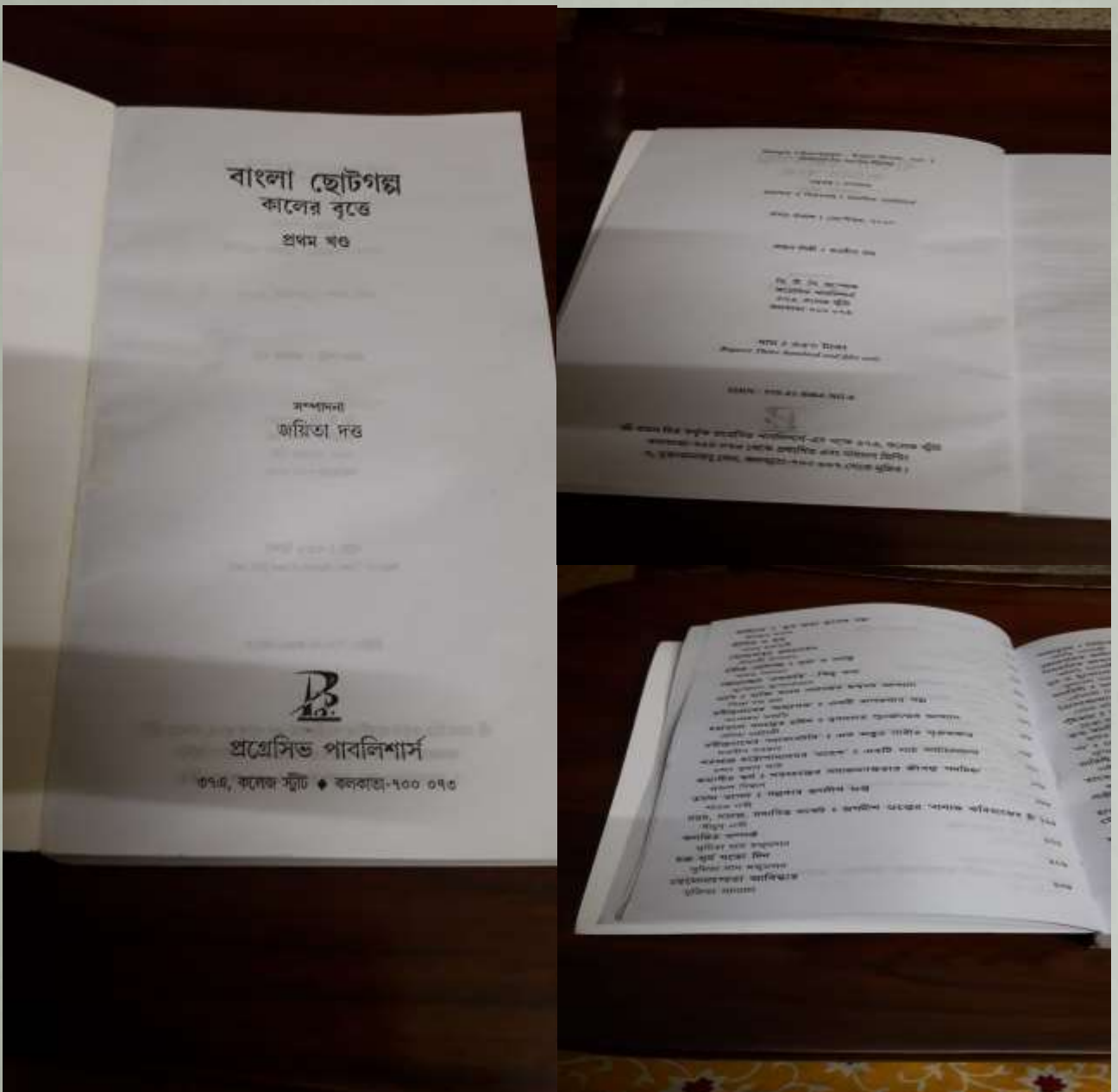
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Date 20

Year: 2020

Name of the teacher: Dr. Sumita Das Majumdar

Title of book/chapter/paper: চন্দ্র -সূর্য যতো দিন



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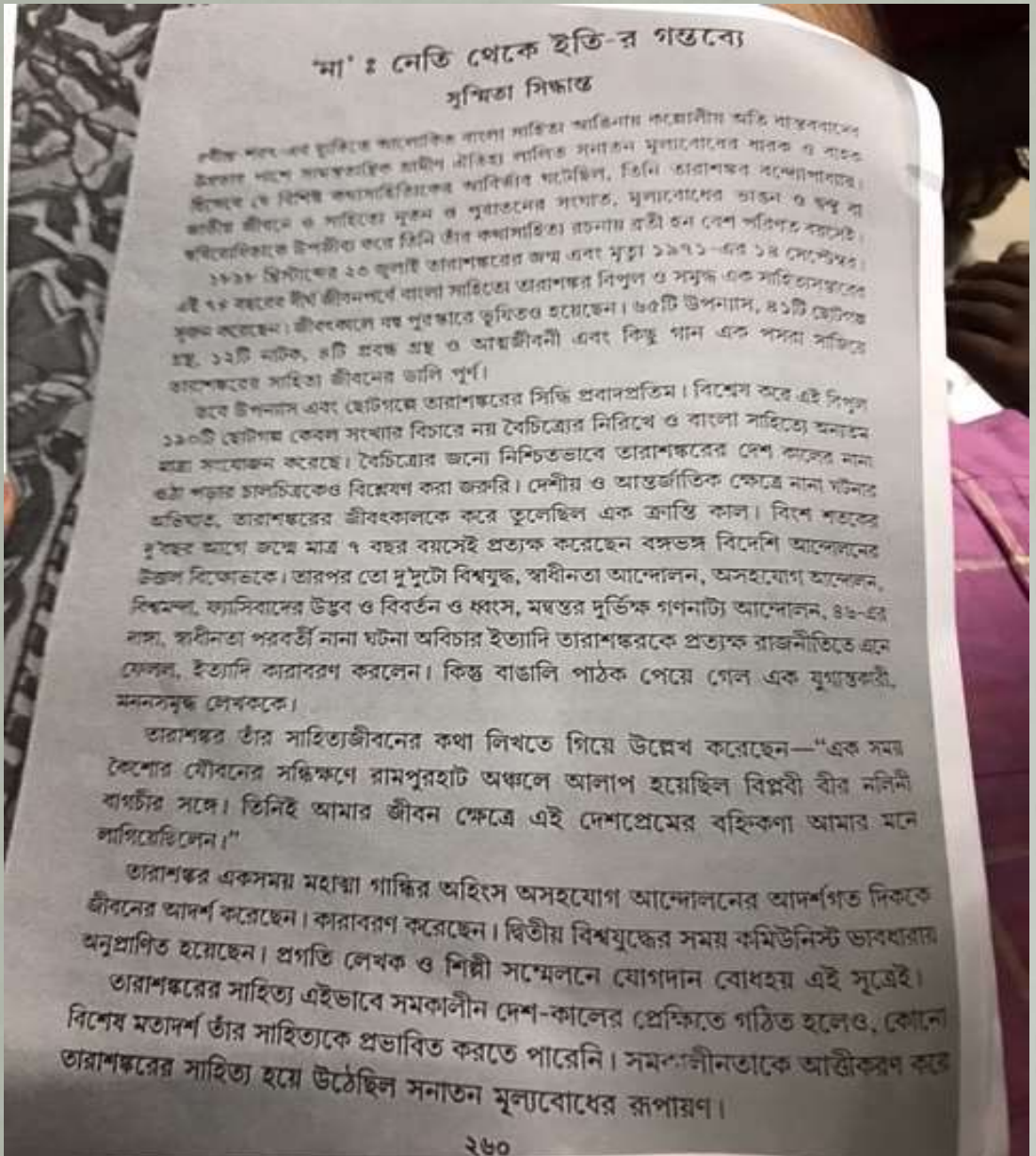
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Date 20

Year: 2020

Name of the teacher: Dr. SUSMITA SIDDHANTA

Title of book/chapter/paper: NA : Neti Theke Itir Gantabye



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Year: 2020

Name of the teacher: Dr. Biswanath Banerjee

Title of book/chapter/paper: Gandhi and the contemporary world (The different connotations of swaraj)



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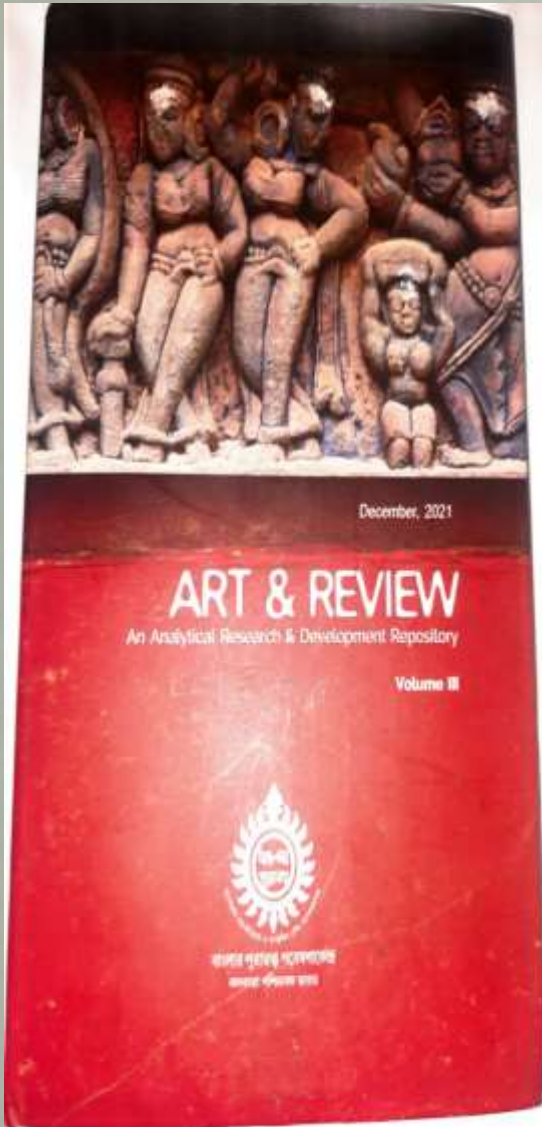
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Date 20

Year: 2021

Name of the teacher: Dr. Suranjan Sarkar

Title of book/chapter/paper: Prachin Bharater Chhatra Achoroner Manasthya



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Year: 2021

Name of the teacher: Moumita Mondal

Title of book/chapter/paper: Human Discourses in Action:
Community HealthWorkers' Contribution to Health Security
and Pandemic Preparedness



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Name of the teacher: Dr. Gouriprosad Datta

Title of book/chapter/paper: Lifestyle Induced Addictive

Habits: A Socio-Physiological Issue of Kolkata, West Bengal

In: West Bengal
Editor: Rhianu Bowell

ISBN: 978-1-53619-237-7
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Chapter 1

LIFESTYLE INDUCED ADDICTIVE HABITS: A SOCIO-PHYSIOLOGICAL ISSUE OF KOLKATA, WEST BENGAL

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ABSTRACT

Globally, industrialization and urbanization are leading to improvement in society's economic condition which is often accompanied by lifestyle changes including physical inactivity, unhealthy diet and harmful use of tobacco and alcohol. These altered lifestyles bring about non-communicable diseases (NCDs) like obesity, hypertension

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Name of the teacher: Dr. Ranajit Mandal

Title of book/chapter/paper: Early Universe in view of a modified theory of gravity.

IOP Publishing Classical and Quantum Gravity
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Early Universe in view of a modified theory of gravity

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Abstract
We study the quantum evolution of the early Universe, its semi-classical analogue together with inflationary regime, in view of a generalized modified theory of gravity. The action is built by supplementing the non-minimally coupled scalar–tensor theory of gravity with scalar curvature squared term and a Gauss–Bonnet-dilatonic coupled term. It is generalized, since all the parameters are treated as arbitrary functions of the scalar field. It is interesting to explore the fact that instead of considering additional flow parameters, an effective potential serves the purpose of finding inflationary parameters. The dilaton stabilization issue appears here as a problem with reheating. Addition of a cosmological constant term alleviates the problem, and inflation is effectively driven by the vacuum energy density. Thus Gauss–Bonnet term might play a significant role in describing late-time cosmic evolution.

Keywords: generalized action, early Universe, canonical quantization, inflation
(Some figures may appear in colour only in the online journal)

1. Introduction

It is well known fact that the ‘standard model of cosmology’ based on general theory of relativity (GTR) explains a long evolution history of the Universe, right from the structure formation, and the formation of CMBR (at a redshift $z \approx 3200$) up to the recent decelerated matter dominated era (at a redshift $z \approx 1$), once the seed of perturbations is assumed to exist. Nevertheless, it has already been established that gauge-invariant divergences make GTR non-renormalizable, and also that it can not quite accommodate observations in connection $S_n I_a$

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Name of the teacher: Dr. Ranajit Mandal

Title of book/chapter/paper: Conflict between some higher-order curvature invariant terms

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Nuclear Physics B 973 (2021) 115570 www.elsevier.com/locate/nuclphysb

Conflict between some higher-order curvature invariant terms

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Abstract

A viable quantum theory does not allow curvature invariant terms of different higher orders to be accommodated in the gravitational action. We show that there is indeed a conflict between the curvature squared and Gauss-Bonnet squared terms from the point of view of hermiticity. This means one should choose either, in addition to the Einstein-Hilbert term, but never the two together. We explore early cosmic evolution with Gauss-Bonnet squared term.

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1. Introduction

The problem associated with bare cosmological constant and the absence of a scalar field in the late universe, motivated cosmologists to propose several curvature induced gravity models, for solving the cosmic puzzle encountered at the late-stage of cosmological evolution. In this context, $F(R, \mathcal{G})$ theory (R and \mathcal{G} are the Ricci scalar and the Gauss-Bonnet term respectively), has been studied largely in recent years, and therefore is one of the prevalent models. It is well-known that the Gauss-Bonnet term is topologically invariant in 4-dimension. Thus, contribution from such a term in the field equations requires dilatonic coupling. A dilaton-like scalar field

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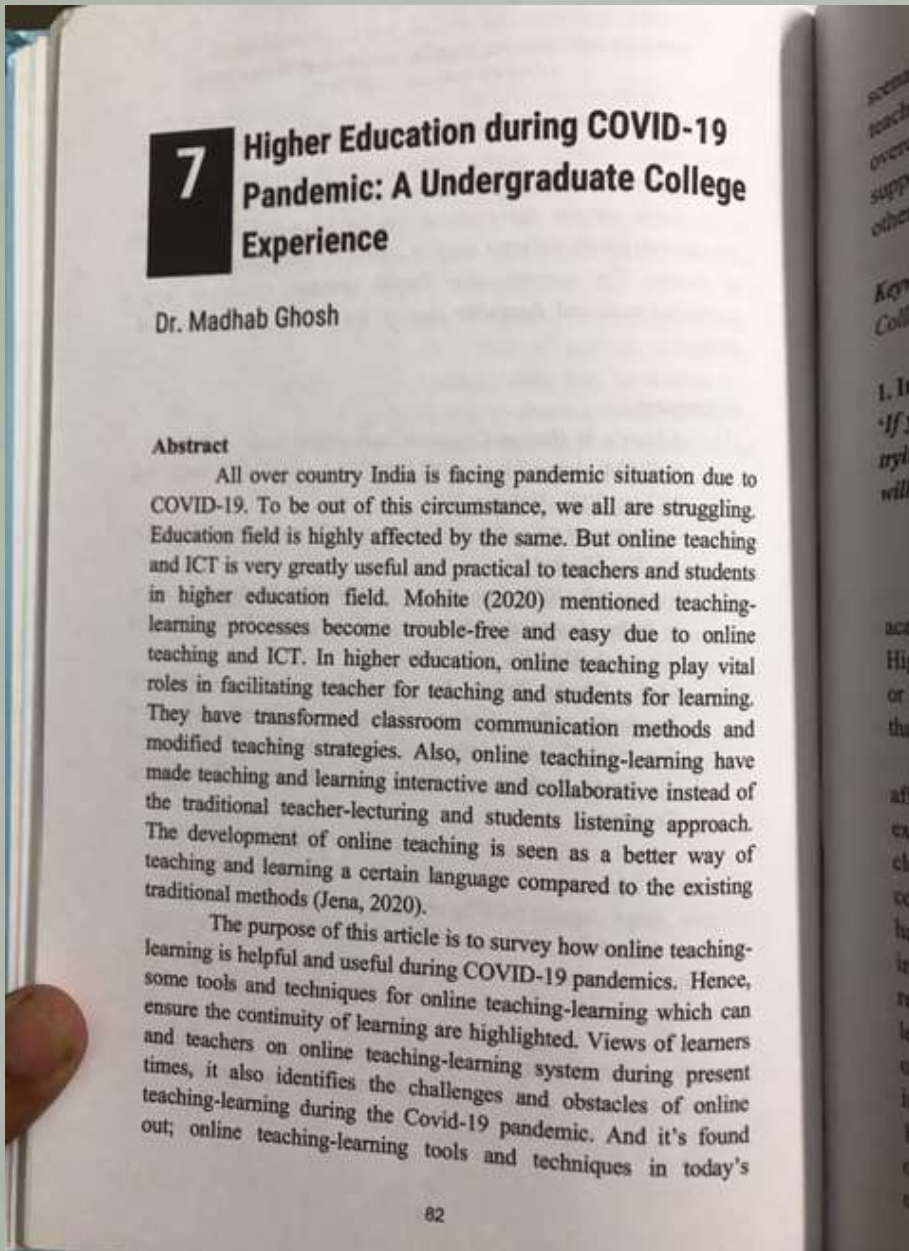
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Name of the teacher: Dr. Madhab Ghosh

Title of book/chapter/paper: Higher Education During COVID-19 Pandemic: A Undergraduate College Experience



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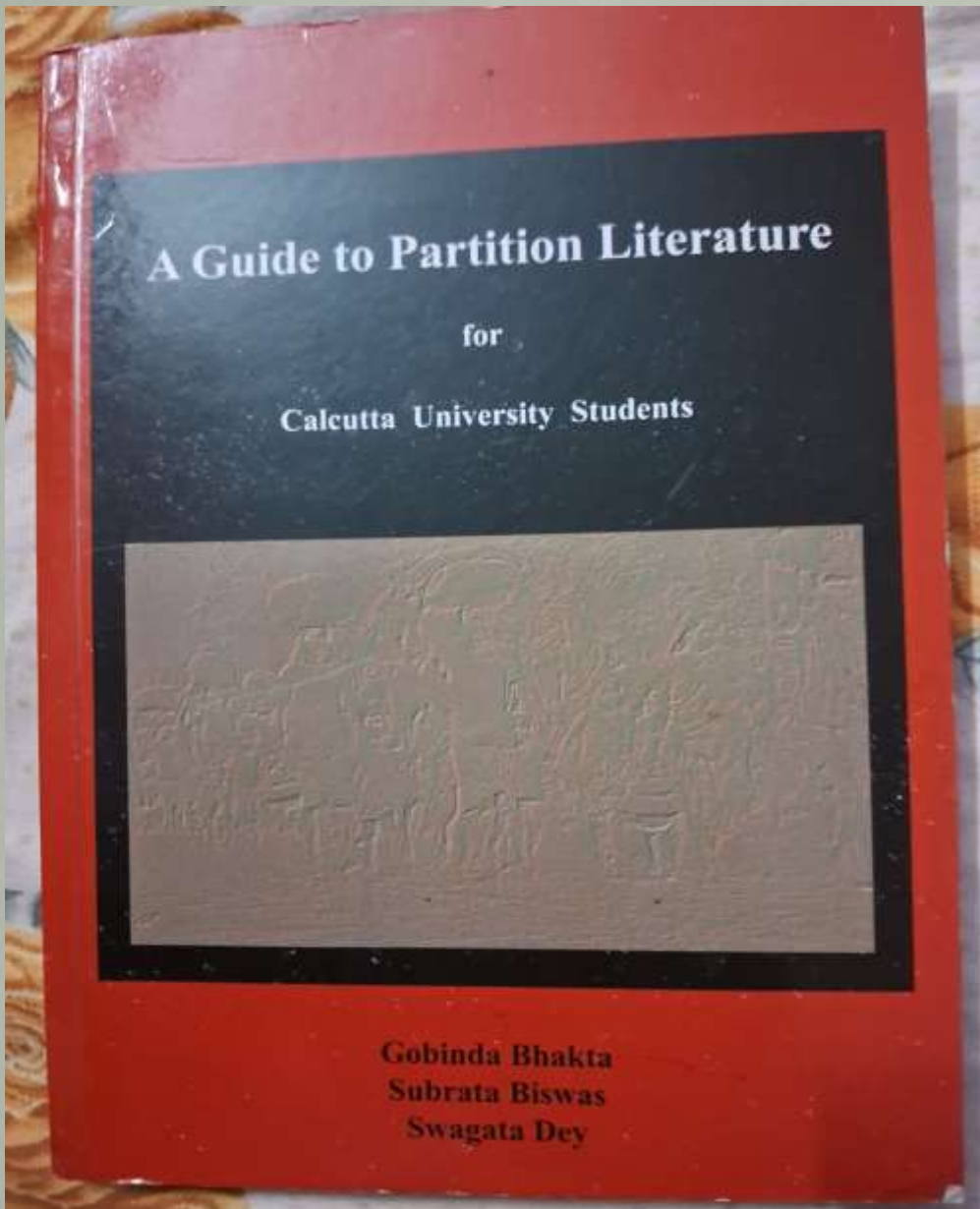
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Name of the teacher: Mr. Gobinda Bhakta

Title of book/chapter/paper: A Guide to Partition Literature for Calcutta University Students, SEM-VI (The Section of Short Stories)



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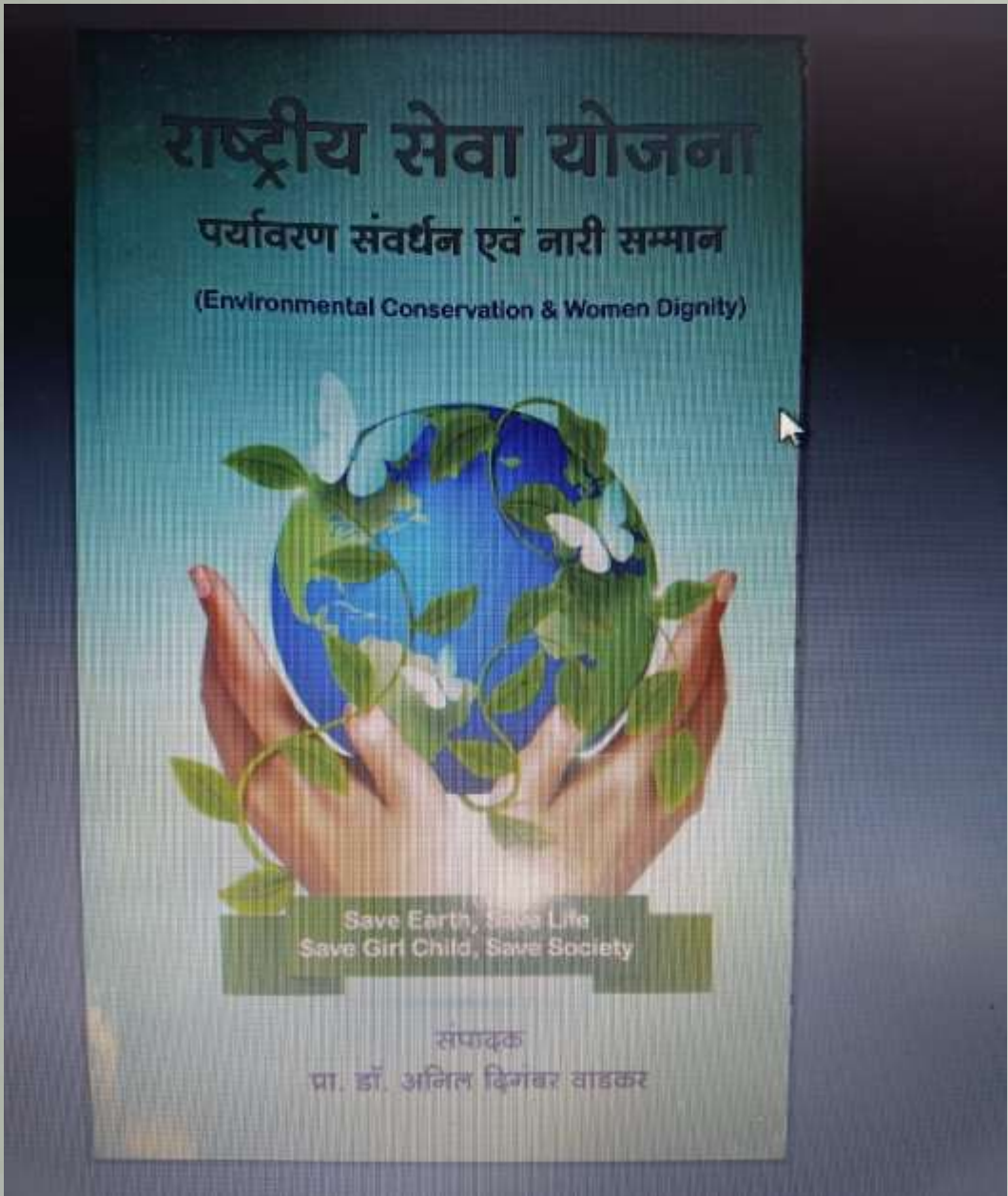
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Title of book/chapter/paper: A Book On Environmental Conservation and Women Dignity



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