


3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five year

No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Calendar Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr.Arifa Begum	Artificial intelligence and emerging technologies in multidisciplinary aspects	artificial intelligence; A promise of future health care system	chapter;34 Artificial intelligence and emerging technologies in multidisciplinary aspects	NA	National	2023	NA	Bharat Institute of Technology	Mahi publications
2	Dr. Arifa begum, P.Haritha	Internet of Things :A promise to Smart Healthcare	Internet of Things :A promise to Smart Healthcare	Chapter 11 in Computer & Biomedical Engineering, CRC Press	NA	National	2023	NA	Bharat Institute of Technology	Taylor & Francis Group
3	Dr Bhaskar Jimidi	Book Publication: Essentials of Physical Pharmaceutics-I	NA	NA	NA	National	2023	ISBN 13:978-939380908	Bharat Institute of Technology	Brillion Publishing
4	Dr Bhaskar Jimidi	Fundamentals of Pharmaceutics-I	NA	NA	NA	National	2023	ISBN:978-81-19238-48-4	Bharat Institute of Technology	Brillion Publishing
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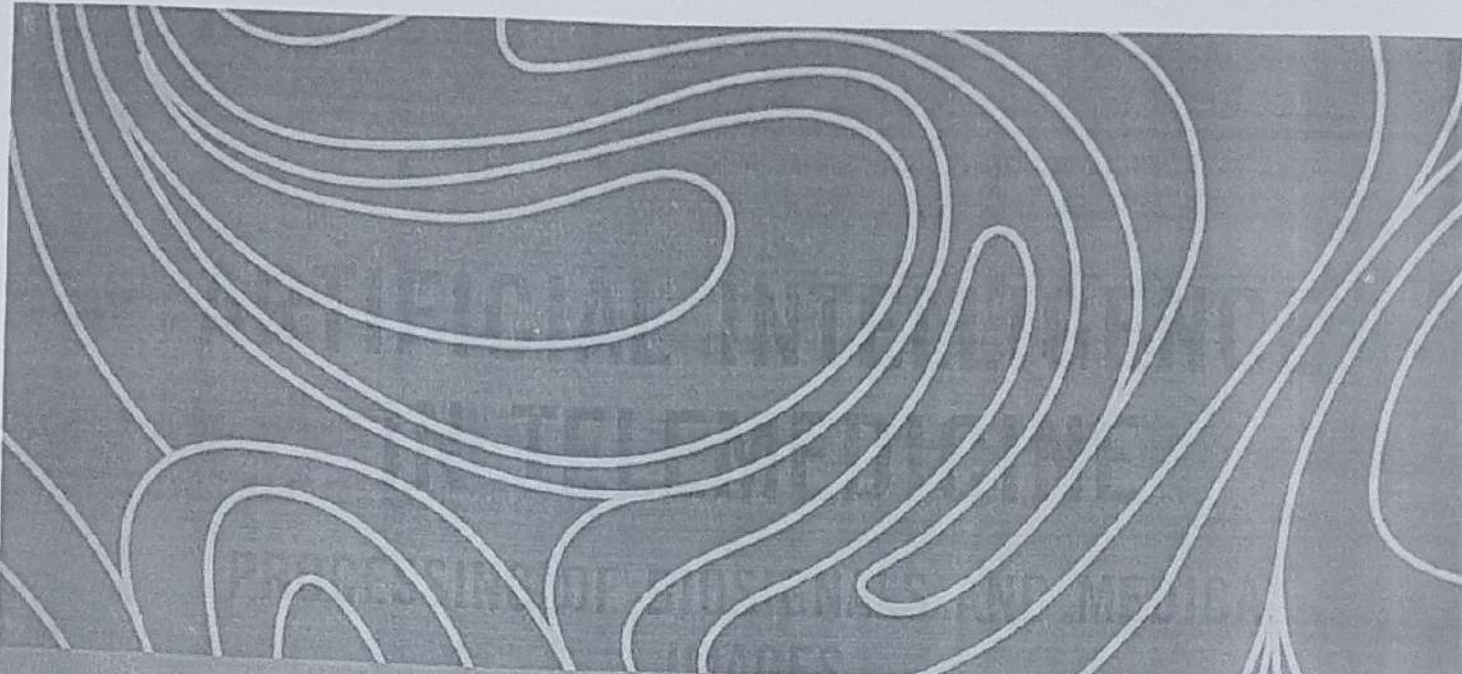
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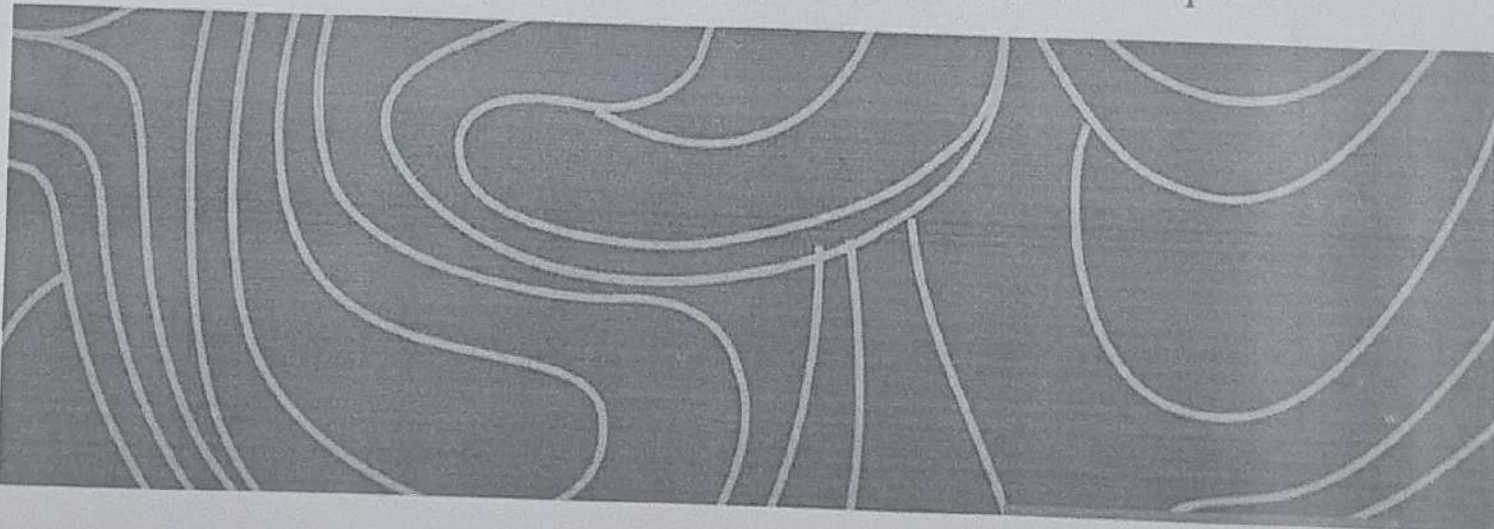
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Climate Changes: Transition, Management, Governance, Floods, and Droughts

Sanchari Goswami*

Dr. Gade Kalyani**

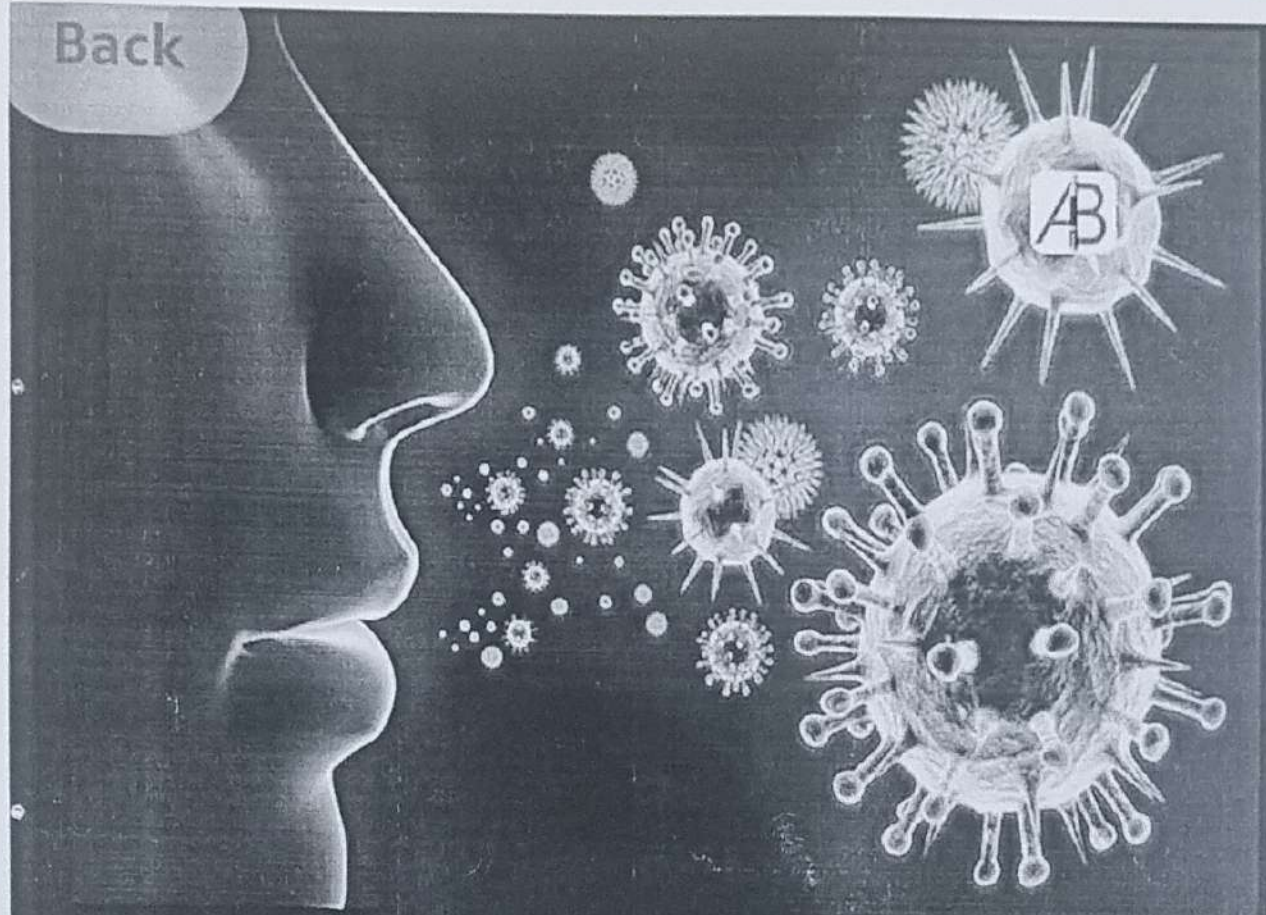
Introduction

The term "Climate" refers to the weather conditions which are expressed as expected temperature, rainfall, and wind conditions. On the other hand, "Climate change" is expressed as changes in climate variability that continues for a long time. Greenhouse gases such as carbon di oxide absorb infrared radiation emitted from earth's surface. If the atmospheric concentrations of these gases increase, then the temperature of the earth also increase. Human activities such as burning of fossil fuel are the main reason for increasing the concentration of atmospheric carbon di oxide. Increasing the concentration of

*Assistant Professor, Bharat Institute of Technology, Mangalpally (V), Ibrahimpatnam (M), Rang Reddy (Dist), Telangana.

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Insights On Corona Virus Disease (Covid-19): Prevention and Treatment

Dr. Gade Kalyani*

Dr. Gatadi Srikanth**

Dr. Ramireddy Rajasekhar Reddy***

Treatment Strategies

Entry of SARS-CoV-2 into host cells is facilitated by the binding interaction of the CoV (S) protein to the target cell ACE2 receptor or Glucose regulated cell surface receptor protein (GRP78) and transmembrane protease serine 2 (TMPRSS2). Hence, it is sensible to postulate that compounds influencing this interaction could be prospective antivirals¹. Ramos-Tovar and Muriel described the antiviral activity of Glycyrrhizin (GL), a foremost component from licorice root called *Glycyrrhizae Radix*², which was able to inhibit SARS-CoV entry into Vero cells. Shah and coworkers showed

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*** Centre for Nanomedicine, Johns Hopkins University School of Medicine, Baltimore, USA.

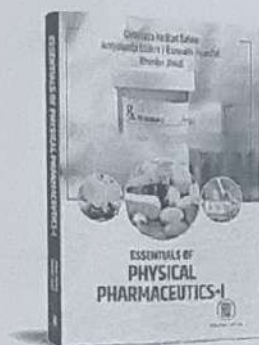
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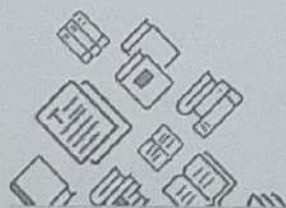
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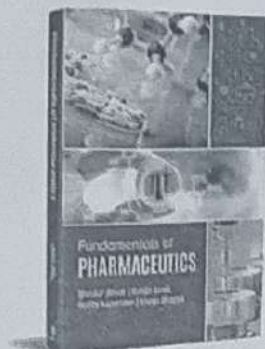
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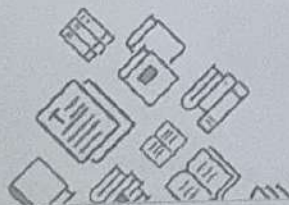
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