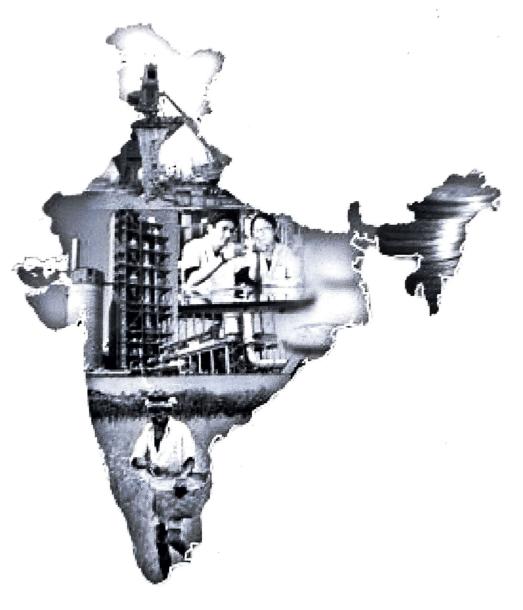
Socio-Economic and Technological Advancements in 21st Century India

21वीं सदी में भारत में सामाजिक—आर्थिक और तकनीकी प्रगति



Editors Rabindra Kumar Jyoti Sah



Deen Dayal Upadhyay Government P.G. College Sitapur (U.P.) Edited by: Prof. Rabindra Kumar Dr. Jyoti Sah

Associate Editors :

Dr. Rajiv Dwivedi Shri Shekher Singh Dr. Deepak Soni

© GDC, Sitapur 2020

All rights reserved. No part of this publication may be reproduced or utiliz in any form or by any means, electronically or mechanical, includi photocopying, recording, or any information storage and retrieval syste without prior written permission of the publisher.

 ~ 1.01 M

an free free plane

Tat all the 1871

te configuration

ISBN: 978-81-947346-4-2

Price : Rs. 350/-

Published & Printed by Raj Kumar Verma For-Swati Enterprises 616/166-A, Semra Gaudhi, Sitapur Road, Lucknow

Disclaimer:

The Editorial board shall not be held responsible for authenticity of data results, views, and conclusions drawn by the authors.

Spirituality is the root of all sciences

Assi. Fio. (Dept. of Chen.) DDU Govt. PG College, Sitapu Without spiritual wisdom, science needs spirituality give meaning and value to science, spirituality can easily and quickly initiality Without spiritual wisdom, science can be dangerous. PG College, Scientists with and other weapons of war, gonous and in cruel ing and value to science. As science needs spirituality, Spirituality give read of nuclear bombs and other weapons of war, gonous and in cruel science. Without science, spirituality can easily and out spirituality, spirituality give read intelligence, factory farming where animals are reared in cruel faith and fundamentalism. Science are asily and out spirituality, spirituality and out spirituality. meaning and value to science, spirituality can easily and quickly turning and fundamentalism. Science and spirituality are turning blind faith and fundamentalism. Science and spirituality are mutually dependent. We are on a journey: a journe blind faith and fundamentation. We are on a journey: a journey for illuminating, and mutually dependent. We are on a journey: a journey for

ic science The outstanding German poet and scientist Johann Wolfgang vo Goethe worked with a profound scientific spirit. In his books The challenged with a profound scientific spirit. In his books The challenged with a profound scientific spirit. In his books The spirit spirit spirit spirit spirit spirit spirit spirit. Metamorphosis of Plants and Theory of Colours, he challenged the name and linear view of science. The same is true of Leonardo da Vinci. Everyone thus, to understand the fundamental difference between the known physical the name thus, to understand the fundamental difference between the known physical However our contemporary according to the recognises him as a contemporary according to the space between the space betwe thinks of him as a great artist, but hardly anyone recognises him as a scients were we might need to look in the space beyond the heredy and intelligent However, our contemporary science of complexity and systems thinks were we might need to differentiate between 'energy and intelligent its roots in the work of Looparde become of complexity and systems thinks were the time and and matter'. Given that the same carbon However, our contemporary science of complexity and systems thinking fine regy, 'motion and emotion', 'mind and matter'. Given that the same carbon and therefore ambrased the science he was concerned with living fine regy, 'motion and emotion', 'mind and matter'. Given that the same carbon and therefore ambrased the science he was concerned with living fine regy, 'motion and emotion', 'mind and matter'. its roots in the work of Leonardo because he was concerned with living form and therefore embraced the science of quality as well as quantity. The moment we think of a science of quality, the word 'spirituality' comes to mind.

Einstein respected the religious dimension of human experience. said: "Science without religion is lame, religion without science is blind Einstein was not talking about institutionalised and organised religious what is the composition of soul? Does soul have a percence which is the composition of soul have a percence which is the composition of soul? Does soul have a percence which is the composition of soul have a percence which is the composition of soul have a percence which is the composition of soul have a percence which is the composition of soul have a percence which is the composition of soul have a percence which is the composition of soul have a percence which is the composition of soul have a percence which is the compositi establishments - he was talking about religious experience, which is beyon measurement. Bringing spirituality and science together will help to bin meaning and measurement together. These two should not be fragmented separated. A sense of unmanifested wonder and curiosity, and a sensed intuition and inspiration exist before there is empirical knowledge throug mange? experiments, evidence and proof to create a scientific hypothesis and theory. Dismissing that unmanifest intuition or inspiration, as som materialist scientists do, is a grave folly.

wind, we cannot touch it, or measure it, but we can feel it. As trees a moved by wind, humans are moved by spirit. Breath or wind is the invisib and subtle force that makes life possible. The visible is sustained by the

Spiritual guidance

The outer and material reality is held together through the power the inner and spiritual reality. Acknowledging one and denying the other like wanting a bird to fly with only one wing. The reality of wholeness composed of two interrelated aspects. The Chinese called it the harmony yin and yang. The Indians called it the balance of Shiva and Shakti: positive and negative doct. and negative, dark and light, silence and speech, emptiness and fullness

and matter, unmanifest and manifest are part of one single whole. ISBN: 978-87-947346 and Technological Advancements in 21st Century India Ciences and matter, unmanifest and manifest are part of and matter, unmanifest and spirituality has a very practice. Unling science and spirituality has a very practical purpose. Science Asst. Prof. (Dept. of Chem. spective. Scientists without the guidance of spirituality can engage in the angerous. Spirituality on of nuclear bombs and other weapons of war, genetic engineering, angerous. Spirituality on engineering factory farming where animals are reared in cruel asily an engineering intelligence, factory farming where animals are reared in cruel ricial intelligence, heared in cruel and the destruction

Science without the guidance of spiritual values has created many of problems the world faces today. Science by itself is not benign, value-Nature. epropieting . Therefore, science needs the helping hand of spiritual wisdom or neural neuron integrity and modify its power. Without spiritual wisdom, Bence can be dangerous. Spirituality gives meaning, value and purpose to

Thus, to understand the fundamental difference between the living and m that makes charcoal also makes a human being, it is clear that the vience of matter cannot explain the fundamental difference between living nd non-living. Several questions arise when we leave known physical mensions and move into the unknown space of life energies.

rany layers beyond the physical body are we composed of? Are there any scentific means to explore spiritual dimensions? What are the technologica movations needed to capture each layer? Can we photograph mind and wul? What is their address? Does the address remain static or does

We know about DNA, RNA and proteins. We are also familiar wit ems like genotype and phenotype, genomics, proteomics, metabolomic and so on. Currently, biological science deals with the space between The word 'spirit' simply means 'breath' or 'wind'. We cannot see the molecular inventory of an organism and its phenotypic outcome. The troub we cannot touch it, or measure it, but we can feel it. As trees and the trees and the organism and its phenotypic outcome. The troub that DNA, RNA and protein molecules are 'practically dead' on arriva hey can be chemically synthesized and crystallised. What is chemical Synthesized can be part of the living system but cannot be the 'life givin substance' itself.

Thus, to get a fundamental understanding of life, we must conne chemistry with consciousness and beyond. To do so, it would be importa-¹⁰ define relevant terms first. Three terms have been explained below. The

^{could} be more, depending upon our perception and experience. Body is what we experience at the gross level. A chemical analysis the human body shows that it is made of 28 elements of the periodic ta