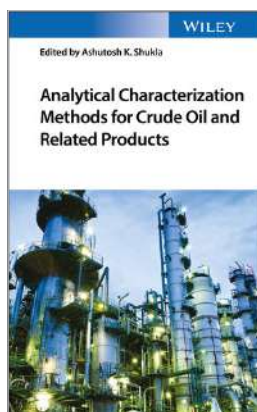


Home(/en-br) / Subjects(/en-br/Subjects-c-subjects) / General Chemistry(/en-br/General+Chemistry-c-CH00) / Analytical Chemistry(/en-br/General+Chemistry/Analytical+Chemistry-c-CH10) (/cart)



Analytical Characterization Methods for Crude Oil and Related Products

Ashutosh K. Shukla (Editor)(/en-br/search?filters%5Bauthor%5D=Ashutosh+K.+Shukla&pq=++)

ISBN: 978-1-119-28631-8 | January 2018 | 296 Pages

E-BOOK	PRINT	O-BOOK
Starting at just \$139.00	Starting at just \$173.95	
<input checked="" type="radio"/> Hardcover		\$173.95

Selected type: Hi

Quantity:

ADD TO

READ AN EXCERPT ∨

DESCRIPTION

Basic theory, applications, and recent trends in analytical techniques used in crude oil and related products analysis

This book covers the application of different spectroscopic methods to characterize crude oil and related products. Its topics are presented in a pedagogical manner so that those new to the subject can better understand the content. The book begins by familiarizing the reader with the rheological characterization of crude oil and related products. Subsequent chapters are directed towards the current trends of different spectroscopic methods for the characterization of crude oil.

Analytical Characterization Methods for Crude Oil and Related Products features chapters on: optical interrogation of petroleum asphaltenes (myths and reality); ESR characterization of organic free radicals in petroleum products; high-field, pulsed, and double resonance studies of crude oils and their derivatives; NMR spectroscopy in bitume...

READ MORE >

[Download Product Flyer](#)

[Description](#)

[About The Author](#)

[Permissions](#)

[Table Of Contents](#)

ABOUT THE AUTHOR

Ashutosh K. Shukla, PhD, is Associate Professor of Physics at Ewing Christian College, Allahabad, India. He is a Member of the International EPR Society (IES), Web member of the International Society of Magnetic Resonance (ISMAR), and matching member of the American Physical Society (APS).

PERMISSIONS

Request permission(<https://s.publisherName=wileyCharacterizationMeCrudeOilandRelateProducts&bookTitle=CharacterizationMeCrudeOilandRelateProducts&publicatioK.+Shukla&sc=US&n1-119-28631-8&orderBeanReset='reuse content from t>)

TABLE OF CONTENTS

List of Contributors xiii

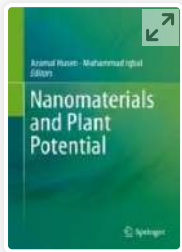
Preface xvii

1 Rheological Characterization of Crude Oil and Related Products 1

Flávio H. Marchesini

1.1 Introduction 1

1.2 Sample Preparation for Rheological Characterization 2



Nanomaterials and Plant Potential pp 177–191

[Home](#) > [Nanomaterials and Plant Potential](#) > Chapter

Plant Protein-Based Nanoparticles and Their Biomedical Applications

[Siavash Iravani](#) & [Ashutosh Kumar Shukla](#)

Chapter | [First Online: 02 March 2019](#)

1193 Accesses | **4** Citations

Abstract

Herbal medicines, plant products, and phytotherapeutics have been widely used all over the world since the ancient time. In phytoformulation studies, researchers have attempted to develop nano-dosage forms, such as liposomes, proliposomes, solid lipid nanoparticles (NPs), nanoemulsion, and protein-based and lipid-based drug delivery systems. In this field, enhancement of solubility and bioavailability, protection from toxicity, enhancement of pharmacological activity, enhancement of stability, improving tissue macrophage distribution, sustained delivery, and

protection from physical and chemical degradation are the important targets. Development of a biomimetic and bio-inspired approach to nanostructures is one of the major challenges for researchers. Plant protein-based NPs show many interesting advantages over other types of NP, as they are often nontoxic and biodegradable. Corn, wheat, and soybeans contain proteins that are readily available, biodegradable, and considerably less allergic in contrast to animal proteins such as bovine collagen. Development of bio-inspired materials and systems, adaptive materials, nanomaterials, hierarchically structured materials, three-dimensional composites, and materials compatible with ecological requirements is now drawing increasing attention. Bio-inspired selective multifunctional materials, with associated properties (such as separation, adsorption, catalysis, sensing, bio-sensing, imaging, multi-therapy), are likely to appear in the near future. In the recent years, green nanofabrication has been actively pursued to meet the demand for large quantities of highly purified, structurally well-defined, and precisely functionalized nanomaterials. Despite the progress made, considerable challenges exist that need to be addressed to derive the maximum benefits from these plant-based green nano-manufacturing systems. Here is an overview of the issues related to plant protein-based NPs and their potential biomedical applications for drug/vaccine/gene delivery and also their applicability in tissue engineering.

[Advanced search](#) | [Authority search](#) | [Tag cloud](#) | [Library](#)[\(koha:biblionumber:60594\)](#)

No cover
image
available

Emerging Dimensions of Human Rights

By: Ashima Ghosh

Material type:  Text

Publication details: New Delhi Swastik 2020

Description: 240p


ISBN: 9789387367357

Subject(s): Human rights -India

DDC classification: 323

Tags from this library: No tags from this library for this title. [Log in to add tags.](#)

Average rating: 0.0 (0 votes)

Item type	Current library	Call number	Status	Date due	Barcode
 BK	Stack	323 ASH/E (Browse shelf)	Available		50957

Changing Paradigm in Teacher Education

Prof. (Dr.) G.S. Zamen

Dr. Vidyapati

Dr. Justin P. Sahae



Anubhav Publishing House
Allahabad

Anubhav Publishing House
618/95/38, Sarvodaya Nagar, Allahpur
Allahabad - 211006 (U.P.)
Mobile - 9450610262, 9453926612, 9415467095
E-mail : anubhavpublishinghouse@yahoo.com

Changing Paradigm in Teacher Education

© : Prof. (Dr.) G.S. Zamen
Dr. Vidyapati
Dr. Justin P. Sahae

First Edition : 2018

Price : ₹ 1495/-

ISBN-978-93-80134-87-1

Authorised Book Seller
M/s OM Book Store
14/12, University Road, Allahabad-211002
Mob.: 9453926612, 9450610262

The responsibility for facts stated, opinion expressed or conclusions reached and plagiarism, if any, in this book is entirely that of the Author/Editor. The Publishers bear no responsibility for them whatsoever.

Chapter In Edited Book,

2018

pp- 86-94

ISBN- 978-93-80134-87-1

A Comparative Study of the two year B.Ed. programme: Annual System vs. Semester System

* Dr. Justin Pradeep Sahae

** Dr. Mahendra Mishra

INTRODUCTION

Teaching as a profession is as old as human race. Though it has been with us for such a long time, the professional preparation of teachers is probably a little less than two centuries old. It developed gradually and in different stages over these years. The traditional programmes, by and large, aim simply at initiating or inducting the would-be teachers to the tricks of the trade rather educating him in what makes the strength of a wholesome teacher, who may be alive to his role as teacher, who may possess positive attitude towards the profession and who may also possess requisite professional competencies and pedagogical perfection. As a result, most universities have modified these teacher training courses particularly with the intention of making teacher training more effective and meaningfully functional. Internship in teaching provides each student with comprehensive experiences for the development of his teaching competence and other skills. The system of internship in teaching may not be in the case of one year courses as it may be in the case of integrated courses of longer duration. Indeed, the move to make the teacher training programmes of longer duration gained momentum during post- independence period. Among the major problems concerning Teacher Education is the deficiency

* Assistant Professor, Deptt. of Education, Ewing Christian P.G. College, Allahabad

** Assistant Professor, Department of Teacher Education, Ewing Christian P.G. College, Allahabad

Chapter in Edited Book

2018-19

2019

35

PP- 289-296

ISBN- 978-81-942034-4-5

Future Teachers Perspective about Various Concepts and Issues Related to Environmental Education

Justin Pradeep Sahae

Education is defined as the process of development, and environment is the aggregate of all the external conditions and influences affecting the life and development of man and other living organisms. Every organism has its own environment. In the context of Human beings, it consists of the physical as well as the social environment. Through Education the quality of the individual's environment can be modified to bring a desirable positive change in one's behavior.

According to UNESCO Working Committee (1970), "Environmental Education is the process of recognizing values and clarifying concepts in order to develop skills and attitude necessary to understand and appreciate the interrelatedness among man, his culture and his bio-physical surroundings. It also entails practice in decision making and self formulation of a code of behavior about problems and issues concerning environmental quality." Thus it prepares the individual and communities for life, through an understanding of the major problems of the interaction of the biological, physical, social, economic and cultural aspects of the individual and communities. It provides skills and attitudes needed to play a productive role in improving life and values, in order to enable people to enjoy good health and high quality of life. Hence, it is a process of providing learning experiences to obtain Knowledge, Understanding, Skills and Awareness with desirable attitudinal changes about man's relationship with his natural and manmade surroundings which includes the relation of population, pollution, resource allocation, transportation technology and rural-urban planning to the total human environment. It should help learners to discover the symptoms and real causes of environmental problems and thus to develop critical thinking and problem solving skills. It should

Role of Teacher Education Programme in Developing Quality Teachers for Quality Education

* Dr. Arpita Kumar

Teacher Education Programme is expected to instill in pupil-teachers ample confidence to face the future with a sense of purpose and responsibility. Just as teaching is no longer seen as simply transferring factual information, so educating teachers also require a more sophisticated approach, based upon professional awareness. A fresh approach towards teaching is required. For this, teacher education programme should be effective and tangible. Thus, it is both vital and appropriate that education and training of teachers be scanned to see how it is working to produce the teaching force for today's need.

It has been rightly remarked by an educationist (Sarraf, 1996) that 'there can be muddy teaching in marble halls and marvellous teaching in muddy walls.' What he means is that a school does not mean simply a magnificent building with modern technological devices and good infrastructure; school in fact, means a 'learning environment', in which a teacher has an important role to play. The technology cannot replace a teacher; it can only help him to teach better. Bad teaching can even make a good curriculum and precious equipment of no use to learners.

Quality is contextual. It generally signifies the degree of excellence. The best teacher of a particular school may be a poor teacher in some other school. Quality is not an act, it is a habit. Education of teachers not only facilitates improvement of school education by preparing competent, committed and professionally well qualified teachers who can meet the

* Asst. Professor, B.Ed. Deptt. E.C.C., Alld.

अध्यापक शिक्षा में नवाचार

* डा. मिथिलेश चौहान

ये सभी नवाचारों को अध्यापक शिक्षा में अपनाने के लिये सभी संस्थाओं, कार्यकर्ताओं का लक्ष्य एवं उद्देश्यों तथा साधन सुविधाओं को पूर्णतः शोध एवं अनुसंधान के द्वारा प्राप्त परिणामों का मूल्यांकन करके ही लागू करने से अधिक सफलता प्राप्त हो सकती है।

शिक्षा के प्रत्येक क्षेत्र में नवाचार का आज व्यापक अनुप्रयोग हो रहा है, तो ऐसी स्थिति में अध्यापक शिक्षा इससे अलग कैसे रह सकती है। जब विद्यालयी स्तर पर नवाचारिक पद्धतियों का समावेश नवीन अनुसंधानों के परिणाम स्वरूप हो रहा है तो अध्यापक शिक्षा के क्षेत्र में भी उसे संयोजित करना अपरिहार्य बनता जा रहा है। जिससे की आधुनिकता के इस दौर में अध्यापक अधिगमकर्ता के मध्य पीढ़ी अन्तराल की समस्या न दिखाई दे। सेवाकालीन एवं सेवा पूर्वकालीन अध्यापक शिक्षा तथा दिशानिर्देशन के क्षेत्र में भी नवाचारिक तकनीकी एवं पद्धतियों से अध्यापक एवं अध्यापिकाओं को परिचित कराने के लिये निरन्तर प्रयास किया जा रहा है। न केवल अध्यापक बल्कि समस्त अध्यापक शिक्षकों के लिये भी संगणकीय साक्षरता की प्राप्ति को अनिवार्य करने का प्रयास 'राष्ट्रीय अध्यापक शिक्षा परिषद' के द्वारा भी किया जा रहा है।

अब हम यहाँ पर 'नवाचार' के स्वरूप को स्पष्ट करते हैं 'नवाचार' शब्द स्पष्टतया 'नव' तथा 'आचार' दो पदों से मिल कर बना है। 'नव' यदि नवीन के अर्थ का बोध कराता है तो 'आचार' आचरण या व्यवहार को दिखाता है अर्थात् नवीन व्यवहार जिसके अन्तर्गत वस्तु, विधि, विचार, सम्प्रत्यय आदि को समाहित किया जा सकता है। इन्हें हम 'नवाचार' के रूप में स्वीकृत कर सकते हैं।

एच०जी० बार्नेट (1953) महोदय ने नवाचार को कोई विचार, व्यवहार या वस्तु जो नया हो, और वर्तमान रूप से गुणात्मक दृष्टि से भिन्न हो, के रूप में स्वीकृत किया है।

एम०बी० माइल्स (1964) महोदय ने नवाचार को स्पष्ट करते हुये कहा है कि- "एक

* असिस्टेन्ट प्रोफेसर बी.एड. विभाग, यूईग क्रिश्चियन कालेज, इलाहाबाद।

अध्यापक शिक्षा-समस्यायें एवं समाधान

* डॉ० नीलम सिंह

अध्यापक शिक्षा प्रणाली का केन्द्र होता है और शिक्षा प्रक्रिया के तीन प्रमुख अंगों-अध्यापक, छात्र व पाठ्यवस्तु में अध्यापक का स्थान सर्वाधिक महत्वपूर्ण है। अच्छे अध्यापकों के अभाव में सुयोग्य छात्रगण अच्छी पाठ्यवस्तु होते हुए भी वांछित ज्ञानार्जन में सफल नहीं हो सकते हैं। अध्यापकगण ही शिक्षा प्रक्रिया को उचित दिशा प्रदान करते हैं। शिक्षा व्यवस्था चाहे जैसी भी हो लेकिन उसमें अध्यापक की भूमिका सर्वोपरि होती है। अध्यापक ही शिक्षा व्यवस्था को जीवन्त बनाता है। हमारा वर्तमान समाज व राष्ट्र परिवर्तन व विकास के एक संवेदनशील परन्तु अत्यन्त महत्वपूर्ण दौर से गुजर रहा है। ऐसी परिस्थिति में अध्यापक का उत्तर-दायित्व और भी अधिक बढ़ जाता है क्योंकि अध्यापकों के ऊपर ही राष्ट्र के भावी निर्माताओं को तैयार करने का दायित्व होता है। समाज की आवश्यकताओं, अपेक्षाओं, आकांक्षाओं, आदर्शों, मूल्यों आदि का वास्तविक रूप देने की जिम्मेदारी भी अध्यापकों को ही वहन करनी होती है। डॉ० सर्वपल्ली राधाकृष्णन आयोग के अनुसार "समाज में अध्यापक का स्थान अत्यन्त महत्वपूर्ण है। वह एक पीढ़ी से दूसरी पीढ़ी को बौद्धिक परम्पराओं व तकनीकी कौशलों के हस्तान्तरण के साधन के रूप में तथा सभ्यता की ज्योति को प्रज्वलित रखने में सहायता प्रदान करता है।"

हमारा वर्तमान अध्यापक शिक्षा कार्यक्रम अध्यापन व्यवसाय की तत्कालीन व भावी आवश्यकताओं के साथ तालमेल बैठाने में असमर्थ रहा है। विषय विशेष में विकसित हो रहे नवीनतम ज्ञान तथा शिक्षण तकनीकों से अध्यापक को अवगत कराने पर हमारे अध्यापक शिक्षा कार्यक्रमों में कोई ध्यान नहीं दिया जाता है। इस सन्दर्भ में कोठारी आयोग की अवधारणा है कि "शिक्षा क्षेत्र में गुणात्मक परिवर्तन लाने के निमित्त अन्ततः शिक्षकों के व्यवसायिक विकास के एक ठोस कार्यक्रम की आवश्यकता है।" वास्तव में शिक्षा की गुणवत्ता काफी सीमा तक अध्यापक ही निर्धारित करते हैं। अतः किसी भी प्रकार के शैक्षिक सुधार के सफलता के लिए यह आवश्यक हो जाता है कि अध्यापक शिक्षा की विभिन्न समस्याओं पर सावधानी पूर्ण ढंग से विचार किया जाये तथा

* असिस्टेंट प्रोफेसर, बी०एड० विभाग, ई०सी०सी० इलाहाबाद



आप 1967 से अध्यापन कार्य में अनवरत लगे हैं। आपने उत्तराखण्ड के राजकीय महाविद्यालय में लगभग 4 वर्षों तक अध्यापन किया है। संजति अर्धशालन विभाग, युवा कृषिचयन कौशल, इलाहाबाद विश्वविद्यालय में एग्रीसिस्ट प्रोफेसर हैं। आप के अनेक शोध पत्र प्रकाशित हो चुके हैं, साथ ही आपने कई पुस्तकों में अध्याय लेखन भी किया है। आपने कई पुस्तकों संपादन की हैं और नियमित रूप से पत्र-पत्रिकाओं में आपके लेख प्रकाशित होते रहते हैं। आपने विभिन्न राष्ट्रीय तथा अंतरराष्ट्रीय संगोष्ठी और सम्मेलनों में भाग लिया है और शोध पत्र प्रस्तुत किए हैं। आपकी विशेषज्ञता खाद्य प्रसंस्करण उद्योग, कृषि एवं प्राचीन विकास तथा आर्थिक एवं सामाजिक न्याय में है, जबकि गांधीवादी विचारधारा, पर्यावरण अध्ययन और महिला अध्ययन में गहरी रुचि है।




ACADEMIC BOOK HOUSE
[Publishers]
U-7, Radhe- Krishna Complex,
M.P. Nagar, Zone-II, Bhopal-462016



फल एवं सब्जी आधारित खाद्य प्रसंस्करण उद्योगों की समस्याएं एवं संभावनाएं
डॉ. रमेश प्रताप सिंह

फल एवं सब्जी आधारित खाद्य प्रसंस्करण उद्योगों की समस्याएं एवं संभावनाएं



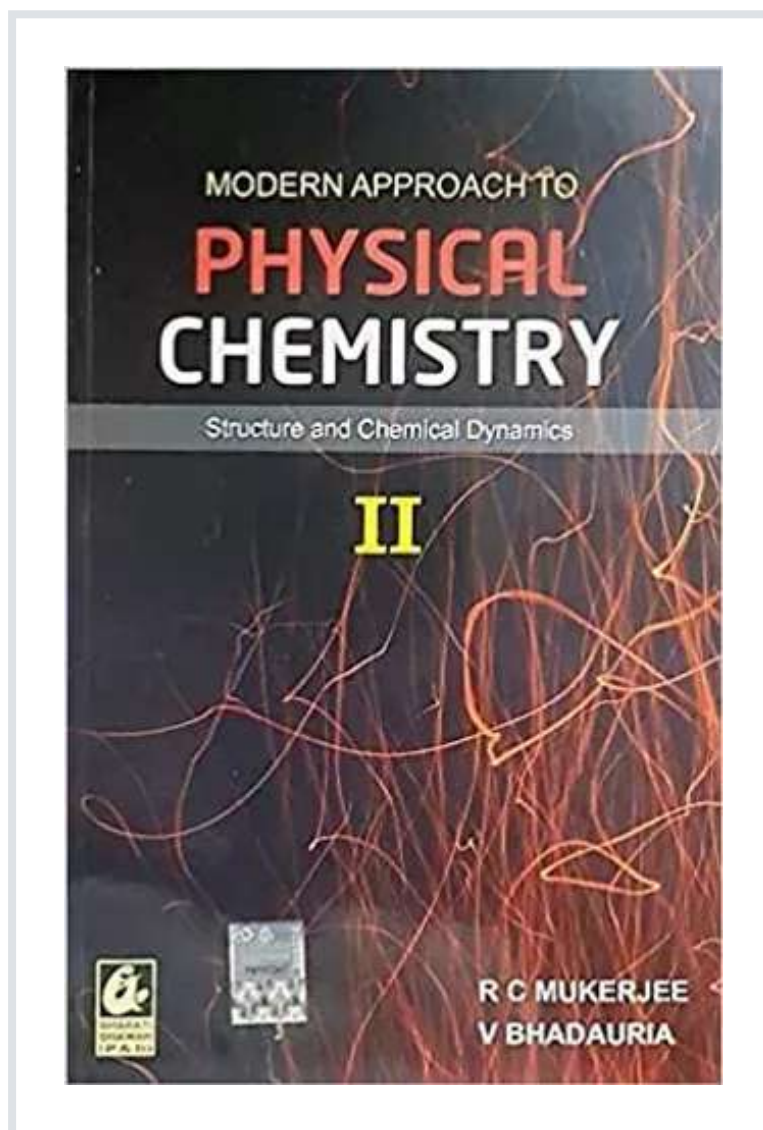
■ डॉ. रमेश प्रताप सिंह



Search entire store here Search

☰ Browse categories ▼

Home > BB BHARATI BHAWAN (P&D) > Products



Modern Approach To Physical Chemistry Ii: Structure And Chemical Dynamics: Vol. 2



₹ 399 ~~₹432~~

Shipping: Free

ISBN: 9789350271933

Edition/Reprint: 2018

Author(s): R C Mukerjee

Publisher: **BB BHARATI BHAWAN (P&D)**

Product ID: 517596

Country of Origin: India

Availability: In Stock! 😊

 **Buy Now**

 **Add to cart**

 **Wishlist**

Check delivery time for your pincode

Pincode

Check

DESCRIPTION

Modern Approach To Physical Chemistry Ii: Structure And Chemical Dynamics: Vol. 2 by BB BHARATI BHAWAN (P&D)

Tags: [Chemistry](#); [Physical](#);

ABOUT PUBLISHER

