



Vaish College, Bhiwani

(Affiliated to Chaudhary Bansi Lal University, Bhiwani-Haryana)



Assessment Period: 2018-2023

Supporting Document: 3.3.2

No. of books and chapters in edited volumes/books published and papers published in national/international conference proceeding per teacher during last five years

List of chapters/ book per teacher during last five years

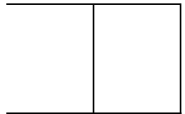
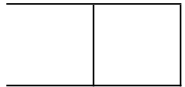
Sl.No.	Name of the Teacher	Title of the Book/Chapters published	Title of the paper	Name of the conference	National/ International	Calender Year of Publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. Krishan Kumar	Kapila's Physical Chemistry	NA	NA	National	2019	978-81-939596-7-1	Vaish College, Bhiwani	Kapila Publications Jalandhar- Delhi
2	Dr. Shruti	New College Numerical Analysis(4 chapters)	NA	NA	National	2018-19	978-93-80896-34-2	Vaish College, Bhiwani	Jeevansons Publication
3	Dr. Seema Bansal	New College Advanced Calculus (Chapters)	NA	NA	National	2018-19	978-93-80896-03-8	Vaish College, Bhiwani	Jeevansons Publications
4	Mr. Sanjay Kumar	New College Special Functions and integral Transforms	NA	NA	National	2019	978-93-80896-19-9	Vaish College, Bhiwani	Jeevansons Publications
5	Dr. Promila Dahiya Suhag	Workers Participation in Management -A Review	Workers Participation in Management - A Review	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
6	Dr. Narender Kumar	A Review of Computer Applications in Scientific Research	A Review of Computer Applications in Scientific Research	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
7	Mrs. Madhu Rani	Importance of Computer in Learning physics	Importance of Computer in Learning physics	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
8	Dr. Vandana Vats	Use of internet and OER in English Language learning	Use of internets and OER in English Language learning	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
9	Dr. Shruti Rani	Computational and Mathematical Analysis of Gas Turbines used in Thermal Power Plants	Computational and Mathematical Analysis of Gas Turbines used in Thermal Power Plants	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
10	Dr.Suresh Kumar Bhaker, Tanu Sharma	Factors Affecting Commitment Level of Teacher's : An Empirical Research	Factors Affecting Commitment Level of Teacher's : An Empirical Research	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
11	Dr.Mahender Singh Dr. Seema Bansal And Mr. Sanjay Kumar	Role of Mathematics in Development of Society	Role of Mathemastics in Development of Society	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
12	Mr. Vishnu Kant and Mr. Abhinay Vashistha	Rural Marketing - Its Opportunities and Challenges	Rural Marketings - Its Opportunities and Challenges	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
13	Mr. Ritesh	Integration of Maslow's need theroy with various life cycle stages	Integration of s Maslow's need theroy with various life cycle stages	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books

14	Dr. Pawan Kumar Gupta, Dr.Suman, Mrs.Anita	Women Manager is in India	Women Manager is in India	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
15	Dr.Satbir Singh	Customers' Perception regarding the selction of cellular services	Customers' Perception regarding the selction of cellular services	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
16	Dr. Reena	भारतीय सुशासन में कंप्यूटर की भूमिका:एक विश्लेषण	भारतीय सुशासन कंप्यूटर की भूमिका:एक विश्लेषण	Recent Trends in Decision Sciences and Their Implications for Business	National	2019	978-93-87922-50-4	Vaish College, Bhiwani	Anu Books
17	Dr. Shruti	New College Numerical Analysis(4 chapters)	NA	NA	National	2019-20	978-93-80896-34-2	Vaish College, Bhiwani	Jeevansons Publication
18	Dr. Seema Bansal	New College Advanced Calculus (Chapters)	NA	NA	National	2019-20	978-93-80896-03-8	Vaish College, Bhiwani	Jeevansons Publications
19	Dr. Seema Bansal	Kapila Practicals in Programming in C and Numerical Methods (Book)	NA	NA	National	2019-20	978-81-940390-1-3	Vaish College, Bhiwani	Kapila Publications
20	Dr. Narender Kumar	Solid State Physics and Quantum Mechanics Bsc. Semester 5	NA	NA	National	2020-21	93-86868-12-0	Vaish College, Bhiwani	Laxmi book Depot
21	Ms. Madhu Rani	Solid State Physics and Quantum Mechanics Bsc. Semester 5	NA	NA	National	2020-21	93-86868-12-0	Vaish College, Bhiwani	Laxmi book Depot
22	Dr. Shruti	New College Numerical Analysis(4 chapters)	NA	NA	National	2020-21	978-93-80896-34-2	Vaish College, Bhiwani	Jeevansons Publication
23	Dr. Seema Bansal	New College Advanced Calculus (Chapters)	NA	NA	National	2020-21	978-93-80896-03-8	Vaish College, Bhiwani	Jeevansons Publications
24	Dr. Seema Bansal	Kapila Practicals in Programming in C and Numerical Methods	NA	NA	National	2020-21	978-81-940390-1-3	Vaish College, Bhiwani	Kapila Publications
25	Ms. Madhu Gupta	Computer Programming, Thermodynamics & Optics [Physics] Bsc Semester-3	NA	NA	National	2020-21	93-86868-04-0	Vaish College, Bhiwani	Laxmi book Depot
26	Mr. Sanjay Kumar	New College Elements of busines Mathematics	NA	NA	National	2020-21	978-93-86376-63-3	Vaish College, Bhiwani	Jeevansons Publications
27	Mr. Sanjay Kumar	Partial Differential Equations	NA	NA	National	2021	978-93-8400-22-9	Vaish College, Bhiwani	J.B.S Publishers and Distributors
28	Mr. Sanjay Kumar	New College Sequences and Series	NA	NA	National	2021	978-93-86736-72-5	Vaish College, Bhiwani	Jeevansons Publications
29	Dr. Promila Dahiya Suhag	Human Resource Management (book)	NA	NA	National	2021-22	978-93-87-909-12-0	Vaish College, Bhiwani	Shree Mahavir Book Depot
30	Dr. Shruti	New College Numerical Analysis(4 chapters)	NA	NA	National	2021-22	978-93-80896-34-2	Vaish College, Bhiwani	Jeevansons Publication
31	Dr. Seema Bansal	New college Programming in C & numerical mehtods	NA	NA	National	2021	978-93-80896-20-5	Vaish College, Bhiwani	Jeevansons Publication

32	Dr. Seema Bansal	New College Advanced Calculus (Chapters)	NA	NA	National	2021-22	978-93-80896-03-8	Vaish College, Bhiwani	Jeevansons Publications
33	Dr. Seema Bansal	Kapila Practicals in Programming in C and	NA	NA	National	2021-22	978-81-940390-1-3	Vaish College, Bhiwani	Kapila Publications
34	Dr. Asha Rani	कोरोना कल में शिक्षा व्यवस्था चुनौतियां एवं संभावनाएं	NA	NA	National	2021	978-93-93115-07-2	Vaish College, Bhiwani	हरियाणा राज्य उच्च शिक्षा परिषद सेक्टर-4 पंचकुला हरियाणा
35	Dr. Sudha Rani	Meri Priya shreshth kahaniyan	NA	NA	National	May-23	978-93-91921-33-0	Vaish College, Bhiwani	Laxmi Book Depot (Bhiwani)
36	Dr. Shruti	New College Numerical Analysis(4 chapters)	NA	NA	National	2022-23	978-93-80896-34-2	Vaish College, Bhiwani	Jeevansons Publication
37	Dr. Seema Bansal	New College Advanced Calculus (Chapters)	NA	NA	National	2022-23	978-93-80896-03-8	Vaish College, Bhiwani	Jeevansons Publications
38	Dr. Seema Bansal	Kapila Practicals in Programming in C and Numerical Methods (Book)	NA	NA	National	2022-23	978-81-940390-1-3	Vaish College, Bhiwani	Kapila Publications
39	Dr. Seema Bansal	New college Programming in C & numerical mehtods	NA	NA	National	2022-23	978-93-80896-20-5	Vaish College, Bhiwani	Jeevansons Publications
40	Dr. Seema Bansal	Bussiness Mathematics	NA	NA	National	2022-23	978-93-84009-18-2	Vaish College, Bhiwani	JBS publishers & distributors
41	Dr. Vipin Gupta	Saraswati Hindi vyakaran	NA	NA	National	2022-23	978-93-55574-27-5	Vaish College, Bhiwani	New saraswati House (India) Pvt. Ltd.
42	Dr. Vipin Gupta	Hindi gadya sahitya	NA	NA	National	2022-23	978-93-91921-24-8	Vaish College, Bhiwani	Laxmi Book Depot (Bhiwani)
43	Dr. Vipin Gupta	Hum Jholi ped	NA	NA	National	2022-23	939320802-6	Vaish College, Bhiwani	Urmika Books Palwal (Haryana)
44	Dr. Vipin Gupta	Aadunik hindi kavita	NA	NA	National	2022-23	978-93-93496-17-1	Vaish College, Bhiwani	Current Publications
45	Dr. Deepak Rohilla	Advanced functional nanoparticles "Boon or Bane" for enviorment remediation applications	NA	NA	International	2022-23	978-3-031-24415-5	Vaish College, Bhiwani	Springer
46	Dr. Reena	NA	Bharat mein viklang ke liye adhikaron ka pravdhan ka visleshan	75th years of Indian Independence: Status & Goals	National	Dec. 2022	978-93-95494-12-0	Vaish College, Bhiwani	NA



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NEW COLLEGE NUMERICAL ANALYSIS

FOR

B.A./B.Sc. III (Fifth Semester)

PAPER : BM - 353

(K.U., M.D.U and C.D.L.U.)

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Hindu Girls College, Sonipat

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Aggarwal College, Ballabgarh

Shruti Rani
Department of Mathematics
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(Semester - V)

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*Ex. Head, Department of Mathematics
Hindu College, Sonapat*

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*Head, Department of Mathematics
Aggarwal College, Ballabgarh*

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*Department of Mathematics
Vaish College, Bhiwani*

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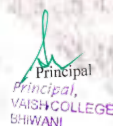
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New College Numerical Analysis

(ISBN: 978-93-80896-34-2)

She has contributed in 4 chapters of this book. This book caters to the syllabus of undergraduate classes of M.D University, Rohtak, Kurukshetra University, Kurukshetra, U.G.T., Meerapur & C.D.L.U, Sirsa.

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She has contributed in 4 chapters of this book . This book caters to the syllabus of undergraduate classes of M.D University, Rohtak, Kurukshetra University , Kurukshetra , I.G.U, Meerpur & C.D.L.U, Sirsa.

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Hindu College, Sonapat*

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To whomsoever it may concern

This is to certify that Dr. Seema Bansal, Department of Mathematics, Vaish College, Bhiwani is the single author of the text book titled :

Kapila Practicals in Programming In C and Numerical Methods
(I.S.B.N.: 978-81-940390-1-3)


This book caters to the syllabus of under-graduate classes of M.D. University, Rohtak, Kurukshetra University, Kurukshetra, I.G.U, Meerpur, C.D.L.U. Sirsa & C.B.L.U. Bhiwani.

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Atul Gupta : 9467601285

Email : laxmibhiwani@gmail.com

Dated 20/8/2020

TO WHOM IT MAY CONCERN

I am notified that Mr. Narinder Kumar, Assistant Professor of Physics from Vaish College, Bhiwani, Haryana had edited One Chapter (Chapter No-2) in this book titled "Solid State Physics and Quantum Mechanics" in our publication with ISSN-93-86868-12-0 in the session of 2020-21. Edition of chapters are accordingly as per prescribed syllabus.

I wish him great success in his future endeavours.

With Best Regards

(Rajiv Gupta)
Managing Director

Principal,
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(4) 2020-21 (5)



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TO WHOM IT MAY CONCERN

It is certified that Mrs. Madhu Rani, Assistant Professor of Physics from Vaish College, Bhiwani, Haryana had edited One Chapter (Chapter No-1) in this book titled "Solid State Physics and Quantum Mechanics" in our publication with ISSN-93-86868-12-0 in the session of 2020-21. Edition of chapters are accordingly as per prescribed syllabus. ✓

I wish him great success in his future endeavours.

With Best Regards

(Rajiv Gupta)
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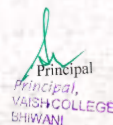
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
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हरियाणा के भिवानी जिले में स्थित वैश्य महाविद्यालय में डॉ. विपिन गुप्त हिंदी के एसोसिएट प्रोफेसर के पद पर कार्यरत हैं। इन्होंने हिंदी नाटक पर शोध कार्य किया है। इनकी संक्षिप्त सूरसागर, हिंदी भाषा एवं साहित्य का इतिहास, बीसवीं सदी के उत्तरार्द्ध के हिंदी नाटक सामाजिक एवं धार्मिक परिवेश, भारत में राज्य दो छंड, हिंदी व्याकरण, 20 वीं सदी के उत्तरार्द्ध के हिंदी नाटक राजनीतिक एवं आर्थिक परिवेश, जब भीड़ होती है काव्य

संग्रह समेत अनेक पुस्तकें प्रकाशित हो चुकी हैं। इन्होंने नए परिवेश के अनुकूल बाल पाठ्यपुस्तक तैयार की है। इनके 5 दर्जन से अधिक शोधपत्र विभिन्न राष्ट्रीय एवं अंतरराष्ट्रीय शोध पत्रिकाओं में प्रकाशित हुए हैं। इन्होंने 85 से अधिक अंतरराष्ट्रीय व राष्ट्रीय सम्मेलनों में शोध पत्र प्रस्तुत किए हैं। इनकी सेवाओं को देखते अनेक साहित्यिक संस्थाओं ने सम्मानित किया है। 2014 में मोपाल से शिव सम्मान, 2015 में पूर्वोत्तर हिंदी अकादमी शिलांग से डॉक्टर महाराजा किशन जैन स्मृति सम्मान, 2015 में औरिया से धर्म नारायण त्रिपाठी का विभूषण सम्मान, 2015 में भारतीय दलित साहित्य अकादमी, दिल्ली से डॉक्टर अंबेडकर नेशनल अवॉर्ड 2017, में साहित्य के दमकते दीप साहित्यकार सम्मान उत्तर प्रदेश से भुवनेश्वर प्रसाद सम्मान, भिवानी से डॉक्टर सर्वपल्ली राधाकृष्णन शिक्षक अवार्ड सहित अनेक पुरस्कार मिले हैं। इनके अनेक कार्यक्रम आकाशवाणी से प्रसारित होते रहते हैं। यह मेघा इंटरनेशनल रिसर्च जर्नल के मुख्य संपादक का दायित्व भी संभाले हुए हैं। राष्ट्रीय शिक्षा नीति 2020, गीता का संदेश, नए परिवेश में हिंदी आदि विषयों पर विशेषज्ञता है।

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डॉ. विपिन गुप्त



आधुनिक हिंदी कविता पाठ्य पुस्तक चौधरी बंसी लाल विश्वविद्यालय भिवानी द्वारा लीबोसीएन सिस्टम में बी. ए. के तीसरे सेमेस्टर के हिन्दी अनिवार्य विषय के लिए तैयार की गई है। इस पुस्तक में विश्वविद्यालय द्वारा निर्धारित पाठ्यक्रम को समाहित करते हुए सन्तुष्टता का विस्तार से परिचय दिया गया है। आशा है यह पुस्तक चौधरी बंसी लाल विश्वविद्यालय भिवानी के क्षेत्राधिकार में आने वाले महाविद्यालय के विद्यार्थियों के लिए उपयोगी सिद्ध होगी। विद्वानों, शिक्षकों और विद्यार्थियों के सुझाव आकांक्षित हैं।



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हिन्दी कविता हरियाणावी नाटक समेत 30 से अधिक पुस्तकें प्रकाशित हो चुकी हैं। इन्होंने नए परिवेश के अनुकूल नए पाठ्यपुस्तक तैयार की हैं। शिक्षा, साहित्य, कंप्यूटर आदि विषयों की अंग्रेजी पुस्तकों का हिन्दी में अनुवाद किया है इनके 2 वर्जिन से अधिक शोधपत्र विभिन्न राष्ट्रीय एवं अंतरराष्ट्रीय शोध पत्रिकाओं में प्रकाशित हुए हैं। इन्होंने 85 से अधिक अंतरराष्ट्रीय व राष्ट्रीय सम्मेलनों में शोध पत्र प्रस्तुत किए हैं। इनकी सेवाओं को देखते अनेक साहित्यिक संस्थाओं ने सम्मानित किया है। 2014 में योगाच से शिव सम्मान, 2015 में पूर्वोत्तर हिन्दी जकादवी मिलाग से डॉक्टर महाराजा विश्व जैन स्मृति सम्मान, 2015 में औरंगा रो धर्म नारायण त्रिपाठी का विभूषण सम्मान, 2015 में भारतीय दलित साहित्य अकादमी, दिल्ली से डॉक्टर अम्बेडकर नेशनल अवार्ड 2017, में साहित्यिक दमकरो दीप साहित्यकार का सम्मान उत्तर प्रदेश से भुवनेश्वर प्रसाद सम्मान, भिवानी से डॉ. सर्वपल्ली राधाकृष्णन शिक्षक अवार्ड सहित अनेक सहित पुरस्कार मिले हैं। इनके अनेक कार्यक्रम आकाशवाणी से प्रसारित होते रहते हैं। यह नैषा इन्टरनेशनल लिटरेचर्जर्नल के मुख्य संपादक का दायित्व भी संभाले हुए हैं। राष्ट्रीय शिक्षा नीति 2020: गीता का संदेश, नये परिवेश में हिन्दी आदि विषयों पर विशेषज्ञता है।

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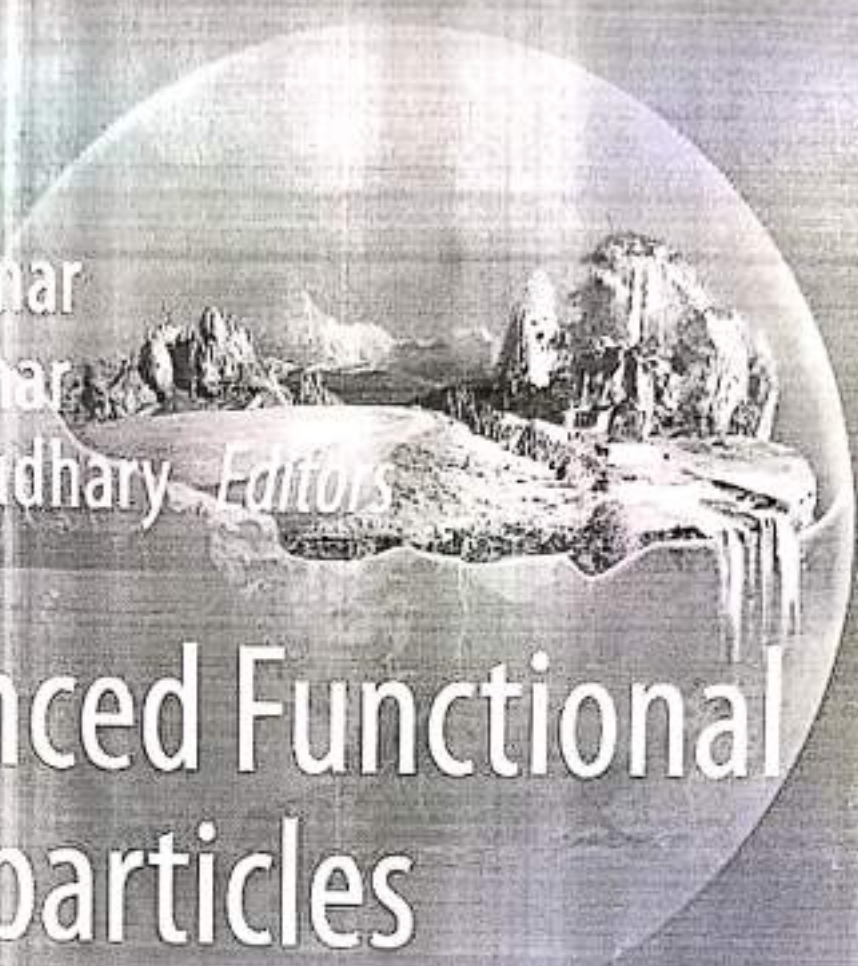
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Chapter 2

Advanced Nanoparticles: A Boon or a Bane for Environmental Remediation Applications



Deepak Rohilla and Savita Chaudhary

Abstract The potential usage of nanotechnology in diverse range of applications has found promising alternative answers to the crucial problems associated with industrial and commercial sectors. The nanomaterials are currently customized to overcome the commercial drawbacks of bulk materials. The usage of advanced nanomaterials in optical devices, biomedicine, and environmental remediations, memory, and storage devices has brought a significant revolution in the industrial sector. However, the tremendous enhancement in the production of nanoparticles has raised the questions of potential risks associated with nanotechnology. The detailed overviewing of wellbeing, security, and ecological effects during fabrication, usage in different applications, and their removal from the environment are the major features for the growth and development of safe usage of nanotechnology. The partial understanding of the ecological providence of nanotechnology has further posed threats and hazards to human wellbeing. This chapter presents the new tools and advanced methodologies for the risk assessment of advanced nanomaterials in environmental remediation applications. We also discuss the harmful impacts of uncontrolled exposure of nanoparticles on living systems.

Keywords Nanotechnology · Optical devices · Environmental remediation · Exposure · Risk assessment

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इस पुस्तक के किसी भी अंश का किसी भी रूप में चाहे इलेक्ट्रॉनिक अथवा मैकेनिक तकनीक से, फोटोकॉपी द्वारा अन्य किसी प्रकार पुनः प्रकाशन अथवा पुनः मुद्रण, लेखक/प्रकाशक की पूर्व अनुमति के बिना नहीं किया जा सकता है।

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Career Oriented Woman in Modern Indian Society

Madhu Rani

We live in a non interventionist society. The phenomena of democracy and open education have bridged the inequality between both sexes to a great extent. Modern education has allowed women to come out of confines of home and take active part in society and to work shoulder to shoulder with men in every field. It is not to say that she has forgotten the valued customs but she has simply realigned herself. Nature has placed more compulsions on women by virtue of her being a mother. What makes here than to take up such strenuous professions? Financial independence is the key to self reliance and this is main factor which drives women towards it. Modern living has become costly and can be taken as one of the reason for her accepting a job. It is specially true for lower and middle class where women seek employment to sustain their family incomes. The women of higher class too, seek jobs as it is easily get them higher

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भारत में एसिड अटैक पीड़ित महिलाओं के लिए प्रावधान: एक विश्लेषण

डॉ. रीना

कोई भी समाज नर व नारी के मिलने के साथ ही पूर्ण होता है। केवल नर या केवल नारी के आधार पर हम समाज या दुष्टि की कल्पना भी नहीं कर सकते हैं। संसार रूमी गाली को बताने के लिए नारी व पुरुष दो पहियों के समान है, जिसमें से एक भी छोटा या बड़ा हुआ तो संसार रूमी गाली खुचाल रूप से नहीं चल पाएगी। प्राचीन काल में नारियों को पुरुषों के समान अपितु पुरुषों से भी बेहद दर्जा प्राप्त था। नारी को देवी का दर्जा दिया जाता था। शास्त्रों में लिखा है 'तत्र नार्यस्तु पूज्यते, एभन्ते तत्र देवता' अर्थात् जहाँ नारी को पूजा जाता है, देवता वही निवास करते हैं। If there's heaven anywhere on this earth it's inside the heart and soul of a woman बदलते समय के अनुसार नारियों के मान सम्मान में भी परिवर्तन आया मनुस्मृति में महिलाओं की दृश्यीय दशा का वर्णन किया गया है। नारी को देवी से

सहायक प्रवक्ता, राजनीतिक विज्ञान, वैश्य कॉलेज, गिवाणी