



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI COLLEGE OF ENGINEERING**  
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## PUBLICATION OF BOOK

Sr. No.	Sr. no.	Name of the Teacher	Department	Title of the book published	Year of publication	ISBN number	Name of the publisher
1	1	Sunita Neti Rao	Applied Chemistry	Sustainable Engineering Energy and the Environment	2022	9781003277484	CRC Press
2	2	Dr. U. Hiwase	Electronics & Power	Basic Electrical Engineering	2022	978-93-5501-500-6	S Chand
3	3	Dr. K.B. Porate	Electronics & Power	Thermal Power Plant and Transmission Network Management	2022	9786203308044	Lambert Academic Publishing
4	4	Vikrant S. Vairagade	Civil Engineering	A comparative analysis on performance characteristics of compression ignition engine fuelled with Ethanol Diesel Blend	2022	9788194998983	Innovative Scientific Publication
5	5	Aditi Pandey	Applied Chemistry	Energy and the Environment	2022	9789355012098	S. Chand
6	6	Dr.Mrs.D.S. Hardas	Applied Physics	Advanced Engineering Materials	2021	ISBN -978-93-84336-70-7	Das Ganu Prakashan, Nagpur
	7	Dr. Sharmila Bhonsule	Applied Physics	Advanced Engineering Materials	2021	ISBN -978-93-84336-70-7	Das Ganu Prakashan, Nagpur
7	8	Dr. Mrs. Archana P. Shetye	Applied Chemistry	Energy and Environment	2021	ISBN9788195177219	Alliance and Co.
8	9	Dr. Mrs. Archana P. Shetye	Applied Chemistry	Applied Chemistry	2021	ISBN9788195177202	Alliance and Co.

<b>9</b>	10	Dr. Bhumika Agrawal	Humanities	Communication Skills	2021	ISBN: 978-93-5433-615-7	Himalaya Publishing House
<b>10</b>	11	Dr. A. Bhake	Applied Physics	Components of Applied Physics	2021	9788171922215	Dattsons Publishers
<b>11</b>	12	Prof. Satish Tiwari	Applied Mathematics	Mathematics-III	2021	9789391322631	Alliance and Co
<b>12</b>	13	Dr. (Mrs.) S. G. Rawat	Applied Chemistry	Energy and Environment	2021	978-93-84336-66-0	Das Ganu Prakashan
	14	Dr. (Mrs.) S. A. Shrivastav	Applied Chemistry	Energy and Environment	2021	978-93-84336-66-0	Das Ganu Prakashan
<b>13</b>	15	Dr. (Mrs.) S. A. Shrivastav	Applied Chemistry	Applied Chemistry	2021	978-93-84336-67-7	Das Ganu Prakashan
	16	Dr. (Mrs.) S. G. Rawat	Applied Chemistry	Applied Chemistry	2021	978-93-84336-67-7	Das Ganu Prakashan
<b>14</b>	17	Mr. Krunal P Mudafale	Mechanical Engineering	An Analysis of Secure Data Clustering in WSH with BECAN Technique	2021	ISBN-10: 6204184598	Lambert Academic Publishing
<b>15</b>	18	Dr. Dora Thompson	Humanities	Function English for Technical students	2020	9789352022731	Himalaya Publishing House
<b>16</b>	19	Dr. Mrs. S.U. Bhonsule	Applied Physics	Applied Physics	2020	ISBN-978-81-945174-6-7	DNA Publication
<b>17</b>	20	Mrs Swati S. Soley	Applied Physics	Advanced Physics	2020	9788194053347	Denet & Co, Publications
<b>18</b>	21	Dr. S. S. Shriramwar	Robotics & AI	FPGA Reconfiguration and Self Adaptive Systems	2020	978-620-2-55758-0	Lambert Academic Publishing
<b>19</b>	22	S D Shelare	Mechanical Engineering	Speed control of DC Motor	2020	6138929667	Scholars Press

<b>20</b>	23	Dr. N. M. Shelke		Introduction to machine learning	2020	978-93-84336-63-9	Das Ganu Publication
<b>21</b>	24	Dr. Sharmila Bhonsule	Applied Physics	Advanced Physics	2019	978-81-942042-5-1	DNA Publication
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	39	Prof. S.D. Shelare	Mechanical Engineering	Sheet Metal Bending Processes and Die Design	2017	ISBN 978-620-2-30875-5	Scholar's Press, Mauritius.
<b>33</b>	40	Dr. N. K. Mandavgade	Mechanical Engineering	Mechanical Measurement and Metrology	2017	ISBN 978-81-933566-6-1	Techno Scan Publication, India
<b>34</b>	41	Dr. Mrs. S. G. Rawat	Applied Chemistry	Material Chemistry	2017	ISBN: 978-93-84336-30-1, First Edition: Jan 2017	Das Ganu Publications, Nagpur
<b>35</b>	42	Dr. Mrs. S. G. Rawat	Applied Chemistry	Engineering Chemistry	2016	ISBN: 978-93-84336-22-6, First Edition: July, 2016.	Das Ganu Publications, Nagpur
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# Sustainable Engineering, Energy, and the Environment

Challenges and Opportunities

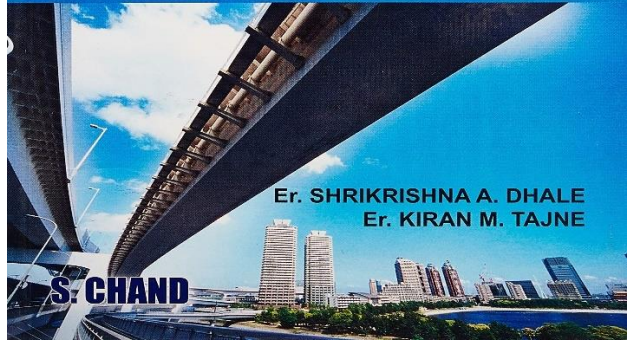


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For B.E. First Semester Students of RTM Nagpur UNIVERSITY  
As per the New Syllabus



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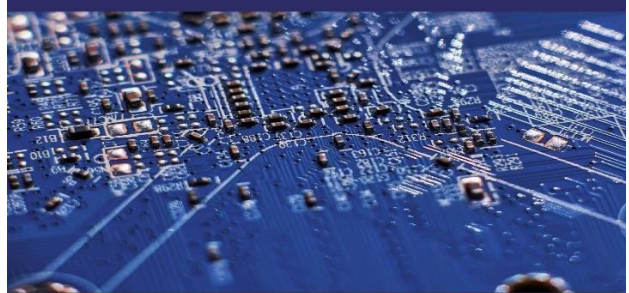


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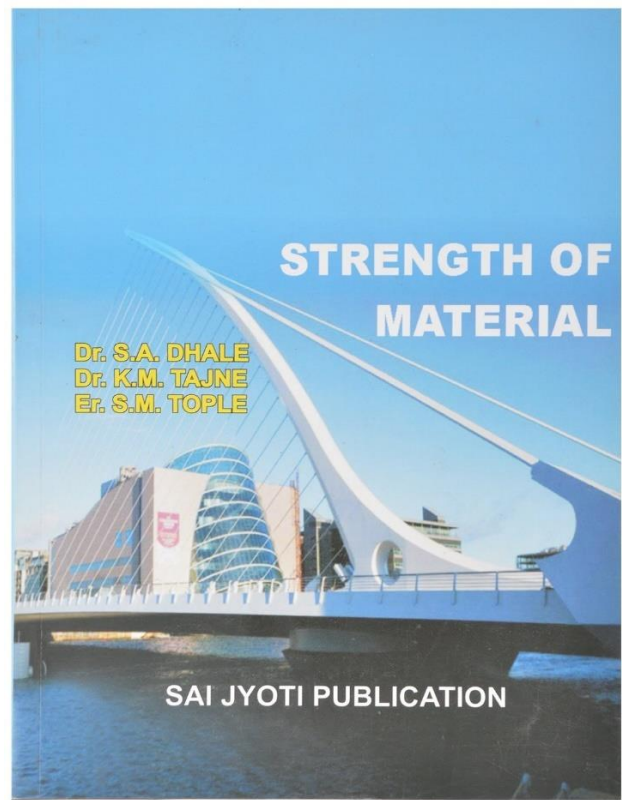


# Applied Chemistry

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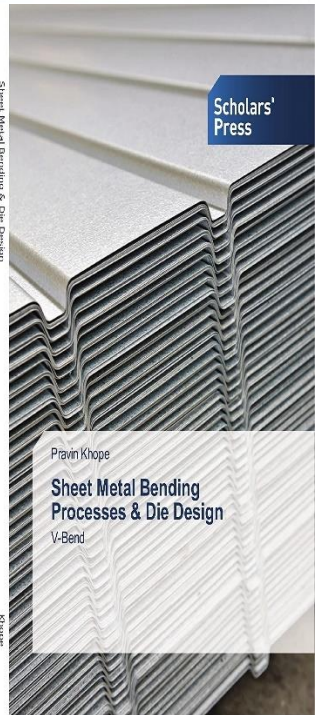
Dr. Pravin Khoppe have been conferred with PhD degree from RTM Nagpur University in year 2016. He is working as Workshop Superintendent & Faculty in Mechanical Engineering Department, Piyadarshini College of Engineering, Nagpur. He have more than 22 years of teaching experience & research focused on the industrial and manufacturing processes.



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Sheet Metal Bending & Die Design

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### Sheet Metal Bending Processes & Die Design

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# Energy and Environment

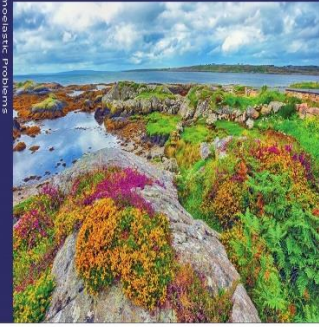
For B.Tech. First Semester Students of RTM Nagpur University, Nagpur

**S. CHAND**

ARCHANA R CHAUDHARI  
ADITI S PANDEY

This book contains mathematical aspects of homogeneous and non homogeneous thermoelastic problems. The concept of direct and inverse thermoelastic problems are the central theme of this book, find its roots and applications in branches of mathematics, aeronautical sciences and mechanical engineering which is helpful for students and researchers. All the results are obtained in terms of Bessel's function in the form of infinite series. The numerical results are derived and depicted graphically. The mathematical approach of this book is to study new dimensions of thermoelastic problems in different areas.

Thermoelastic Problems



Narnden Khobragade  
Ashwini Kulkarni

## Study Of Some Homogeneous And Non Homogeneous Thermoelastic Problems

Prof. Dr. N. W. Khobragade M.Sc. (Stats) M.Sc. (Maths) VIBA, Ph.D. (Maths), Ph.D. (Stats), Dept. of Maths, RTM Nagpur University, Nagpur. Seventeen students have been awarded Doctorate degree (Ph.D.) under his supervision. He has more than 220 research publications and published 30 books. Dr. Ashwini Kulkarni is associate professor in Enngg. college, Nagpur.



978-3-659-95786-4

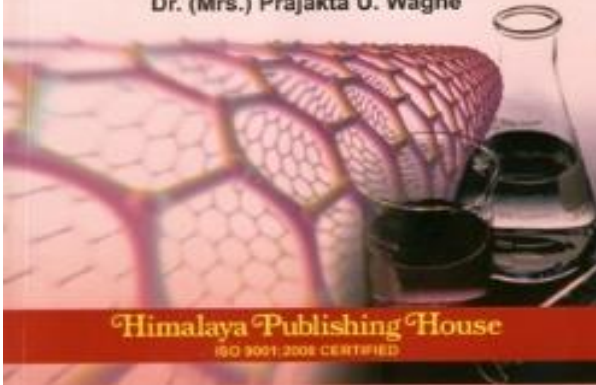
Khobragade, Kulkarni



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