

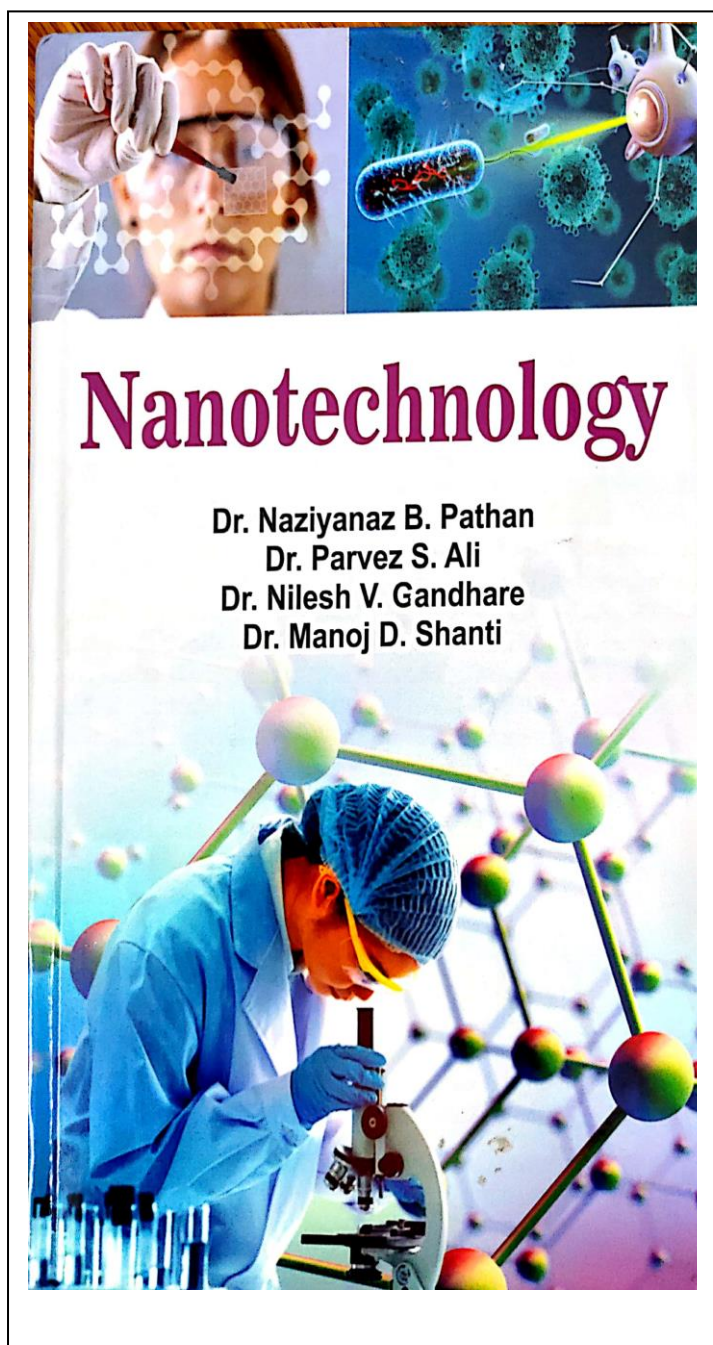


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**1. Dr. N. V. Gandhare :**



Dr. Naziyanz B. Pathan is a Chemistry Faculty, working with Al Yasmin International School, Riyadh, Kingdom of Saudi Arabia since 2018. She holds M.Sc, B.Ed, Ph.D. Degree in Organic Chemistry and has 06 years of teaching experience. Her research area includes Organic Synthesis, Green Synthesis, Medicinal Chemistry and Computational Chemistry, with 10 research publications in national and international journals of repute. She had also worked with various Indian pharmaceuticals research firms.



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# Safe Work Practices in Handling of Hazardous Drugs



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Dr. Parvez S. Ali is a Senior Lecturer and Head of Science Unit, in Center of Health Studies, Prince Sultan Military Medical City, Riyadh, Kingdom of Saudi Arabia since March 2012. He has Ph.D. degree in chemistry, having amassed nearly 14 years progressive experience in academic teaching, research and chemical industries. His research area includes Organic Synthesis, Green Synthesis, Medicinal Chemistry and Computational Chemistry, with 40 research publications in international journals of repute with 664 citations. He had also worked with various Indian pharmaceuticals research firms.



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Hazardous Drugs**

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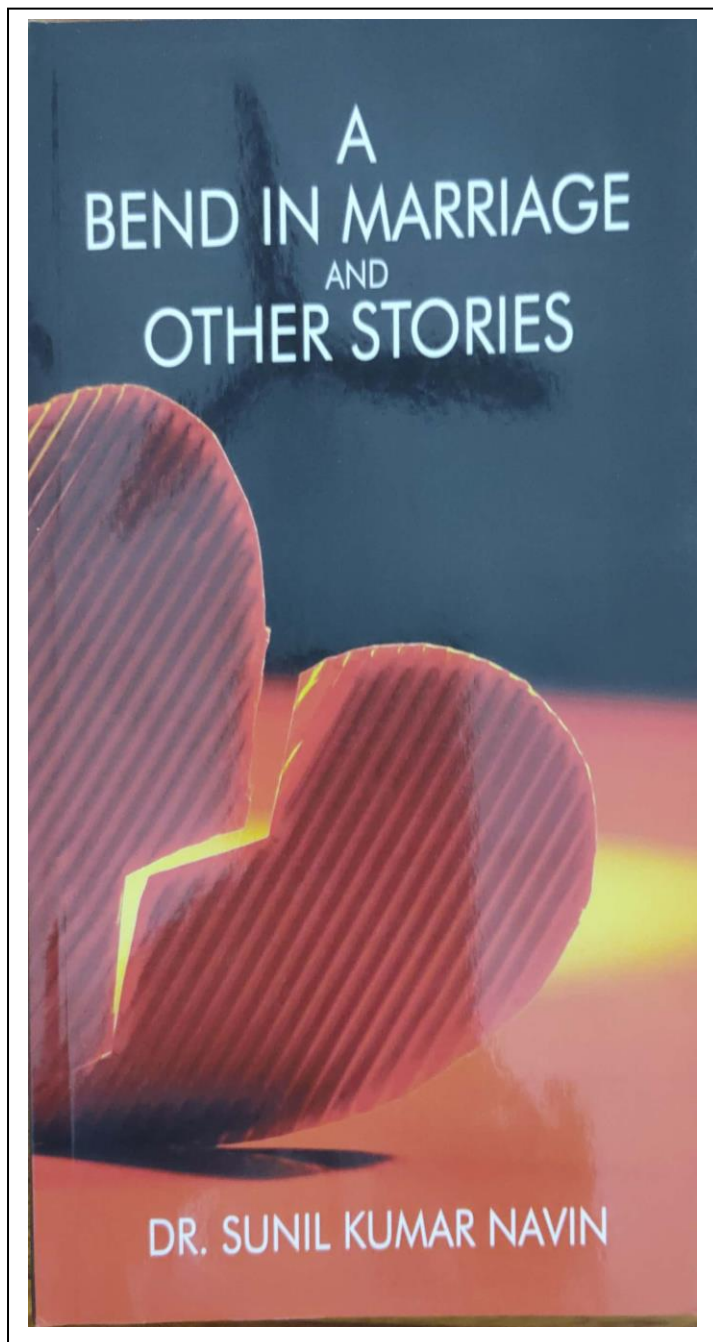
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The volume is an exciting reading.



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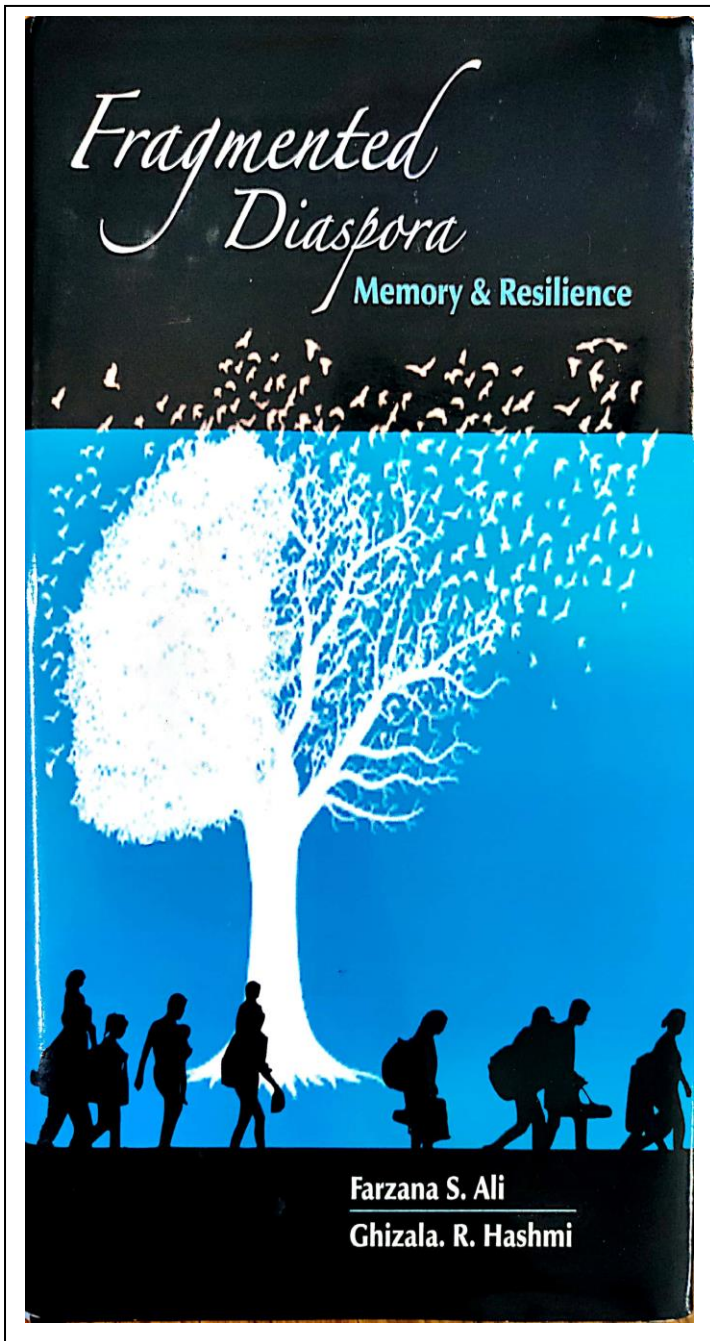
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B.Sc. Semester III (CBS)

Paper – I : Partial Differential Equations & Calculus of Variations (M5)  
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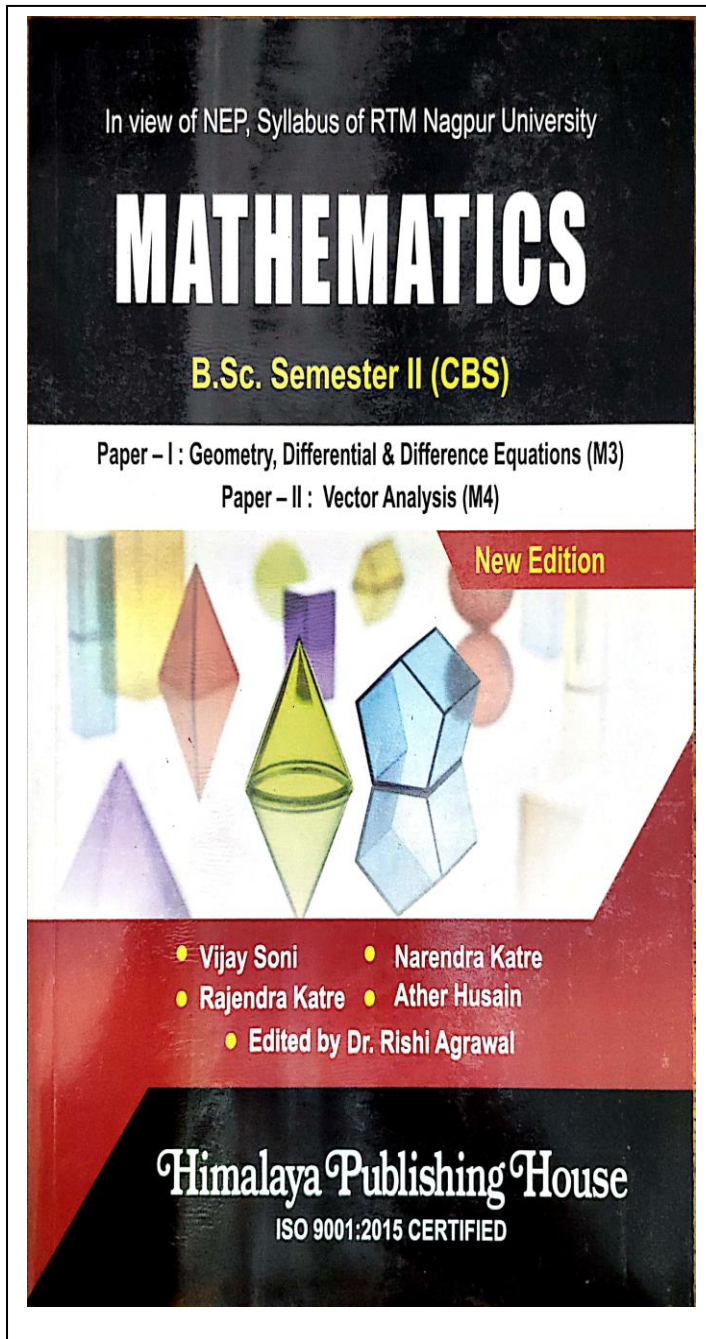
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# Mathematics

**B.Sc. Semester VI**

Paper I : Abstract Algebra (M11)  
Paper II : Special Theory of Relativity (Optional) (M12)

- ▶ **Vijay M. Soni**
- ▶ **Rishi K. Agrawal**
- ▶ **Narendra T. Katre**
- ▶ **Rajendra T. Katre**
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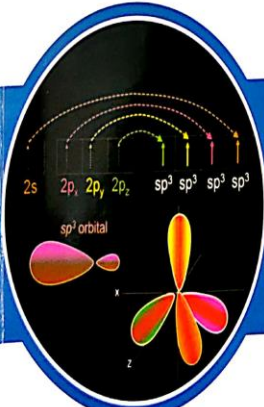
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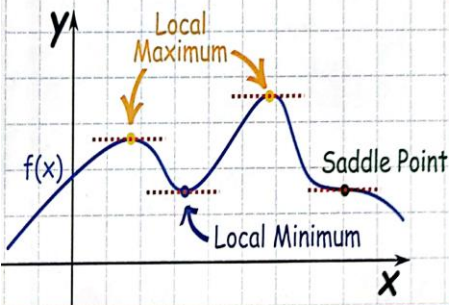
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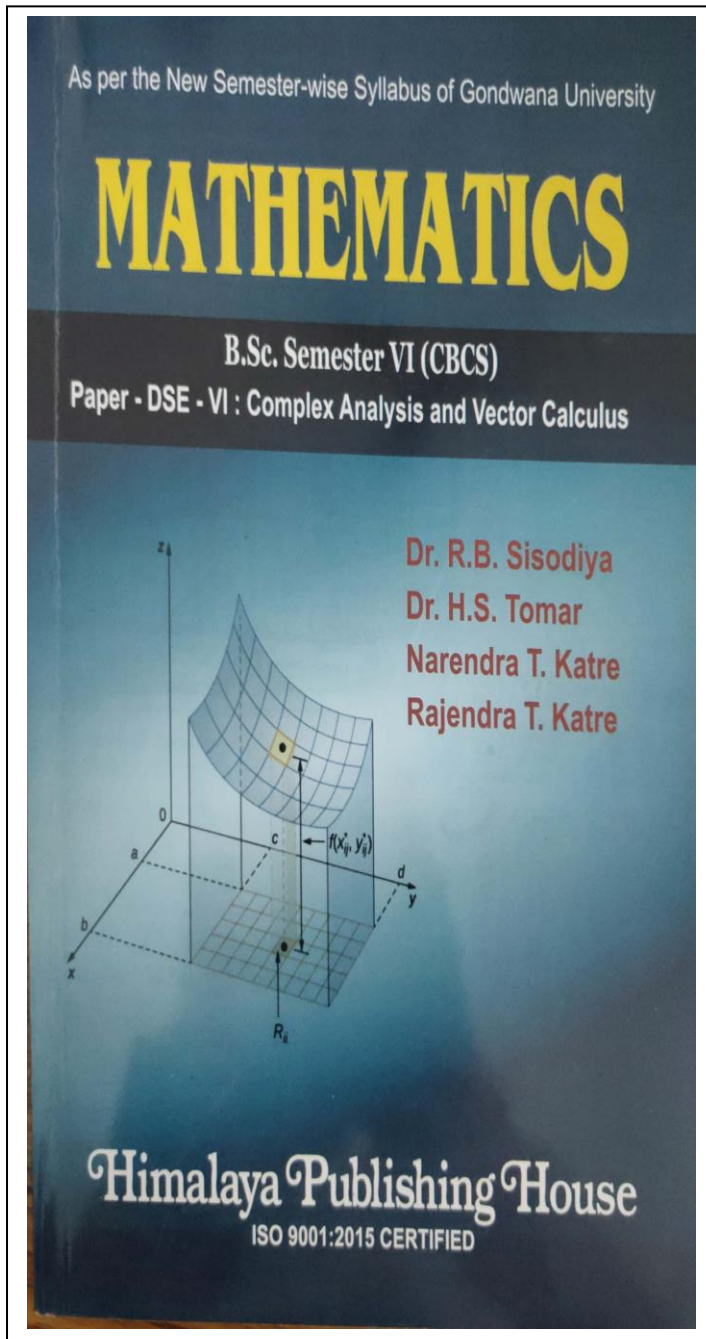
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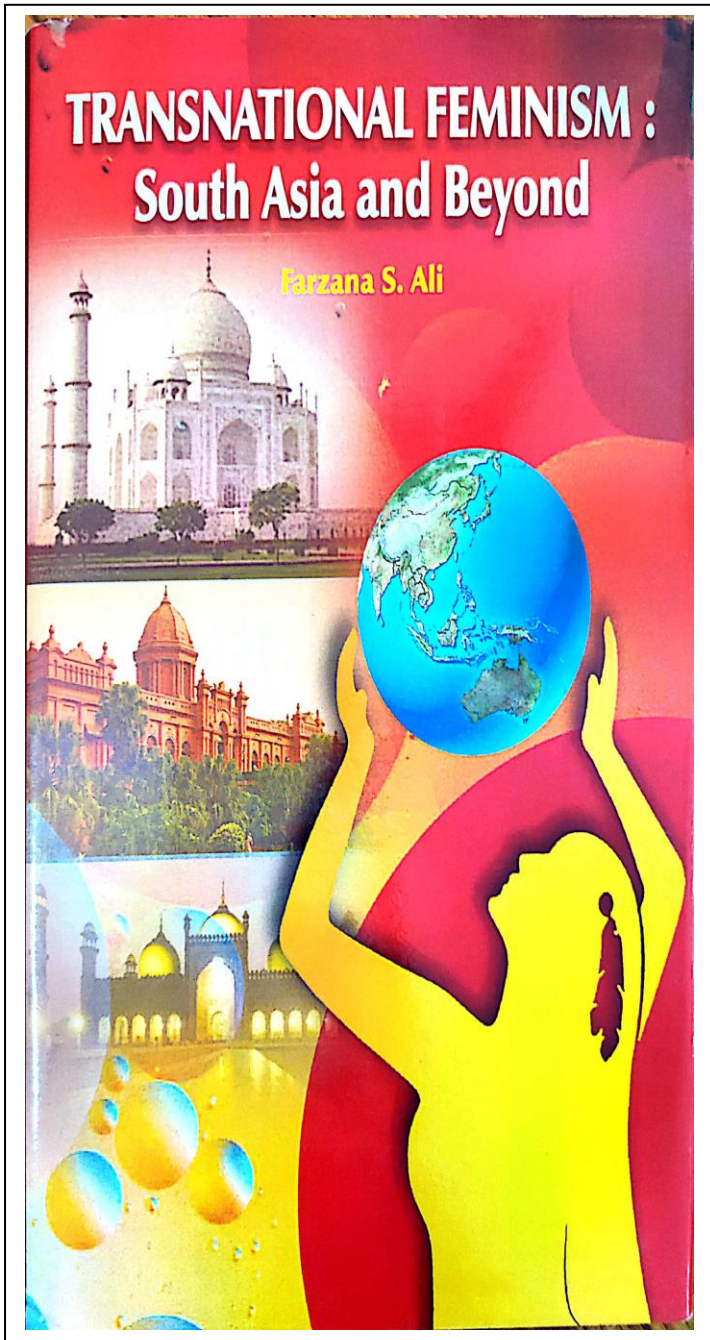
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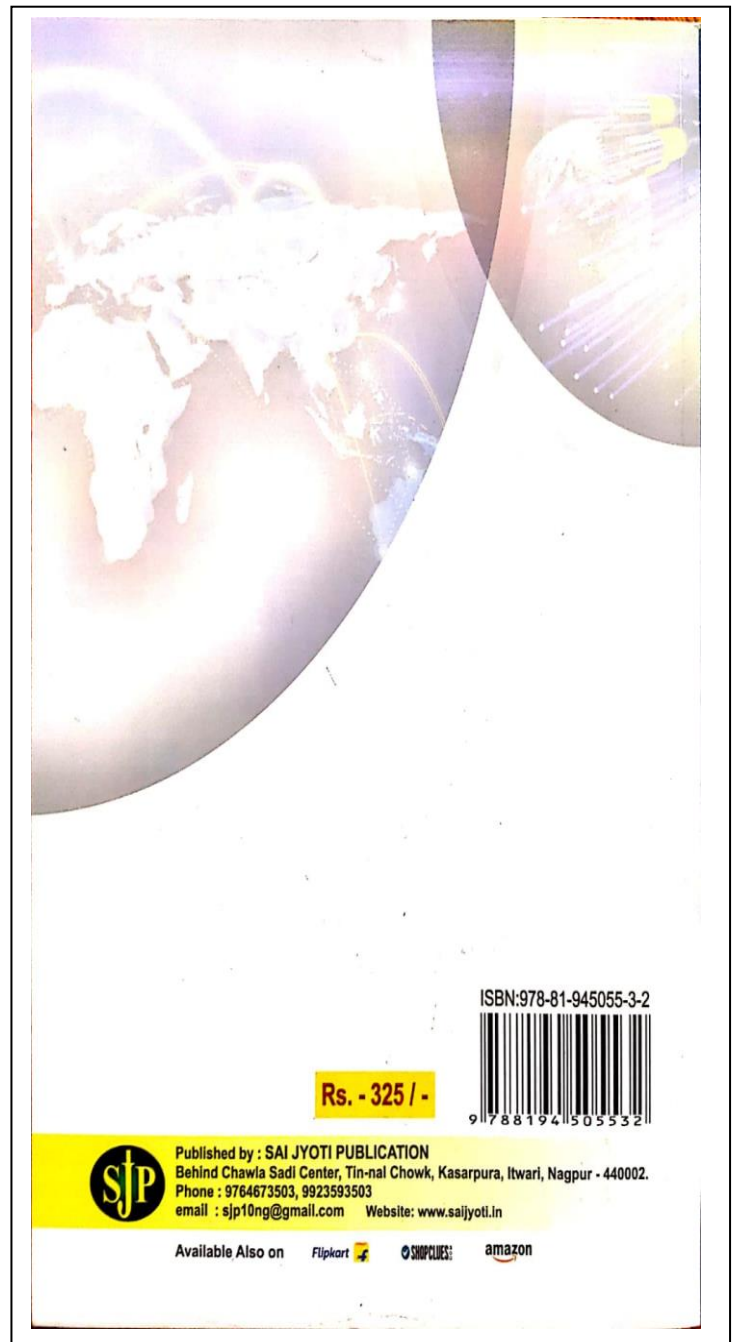
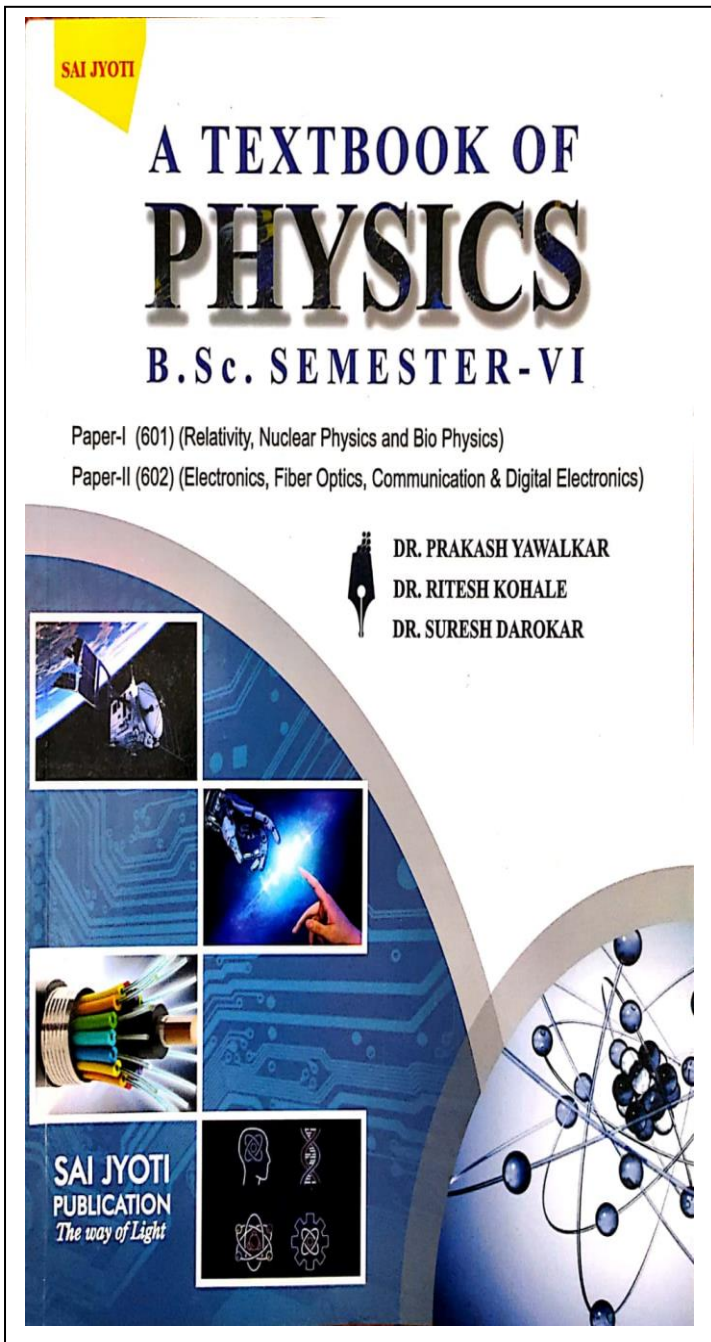
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**B.Sc. Semester VI**

Paper I : Abstract Algebra (M11)  
Paper II : Special Theory of Relativity (Optional) (M12)

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- ▶ **Rishi K. Agrawal**
- ▶ **Narendra T. Katre**
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..... Jai Ganeet

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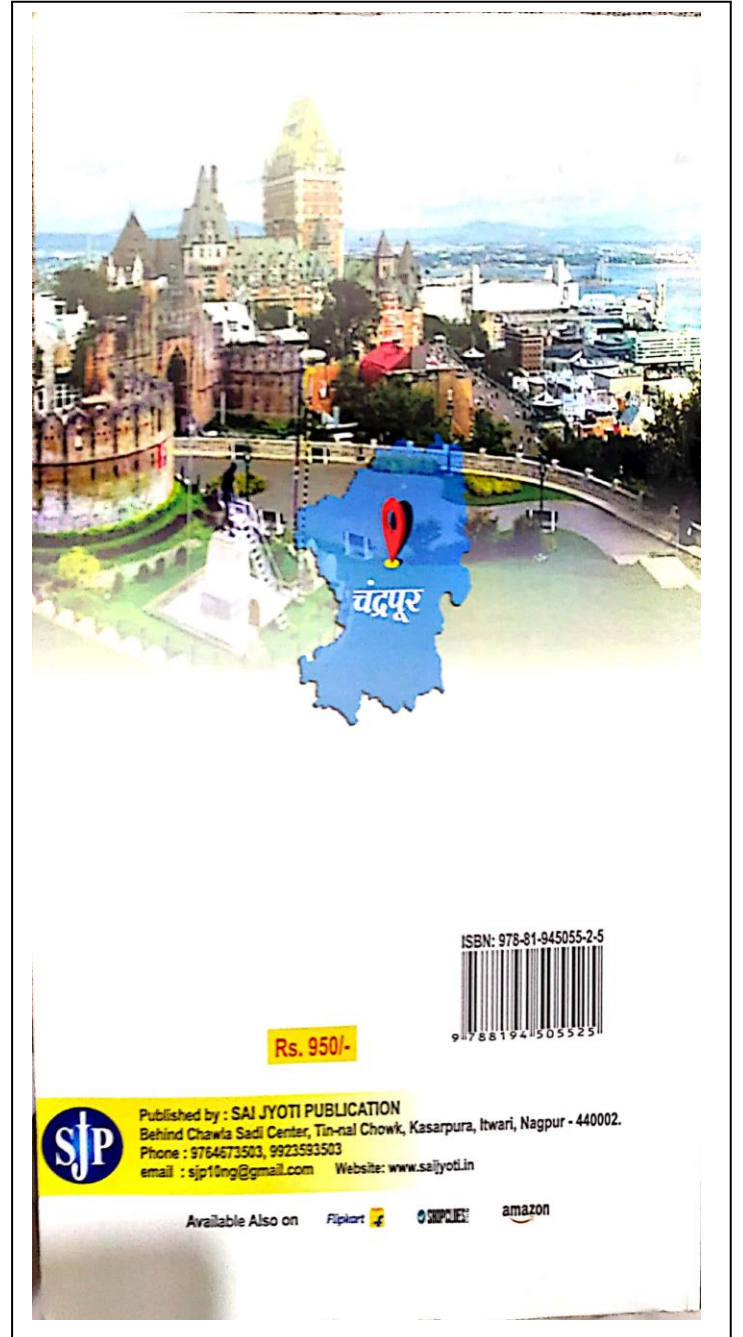
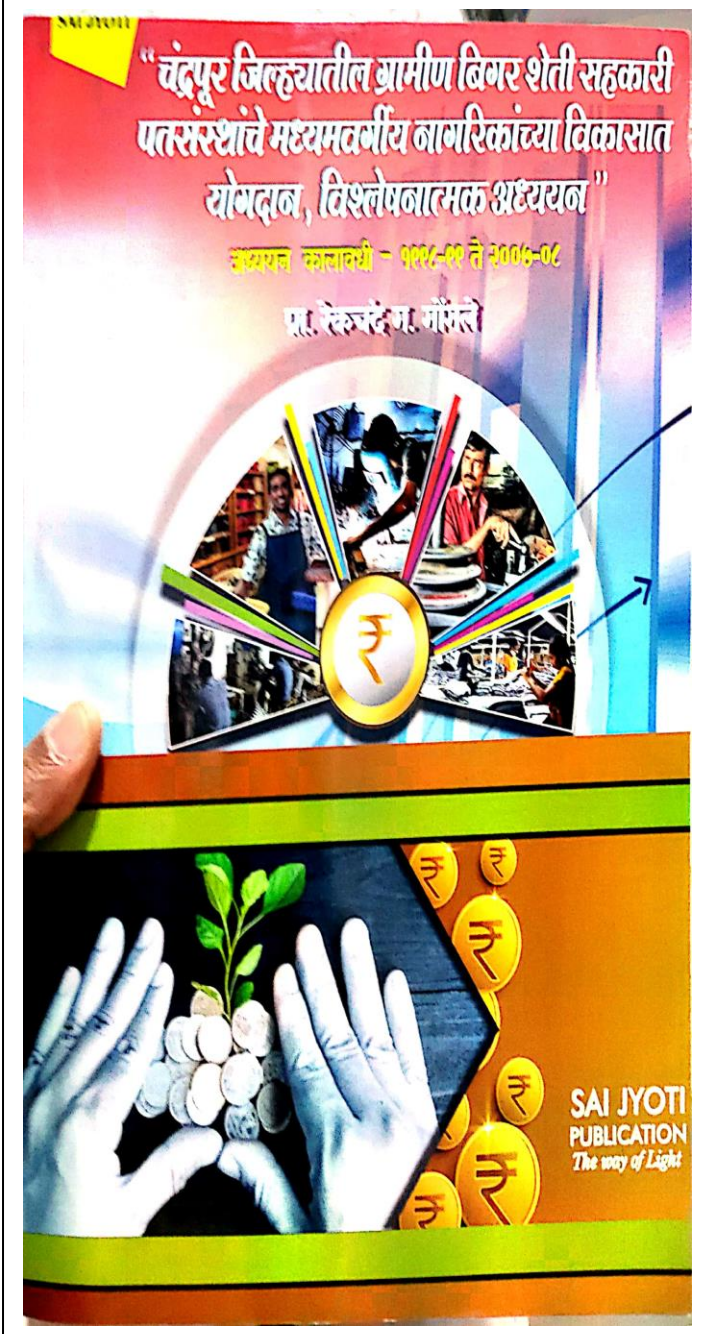
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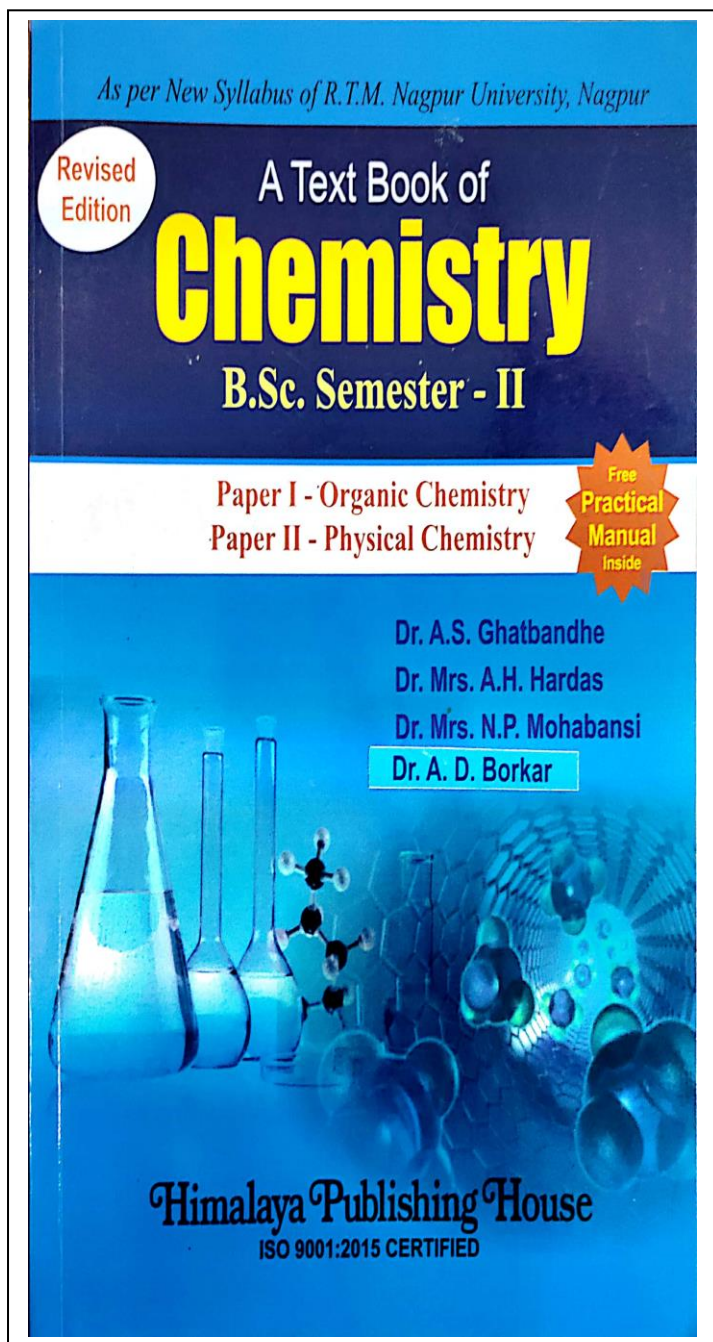
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**Session: 2018-2019**


**1. Dr. A. D. Borkar:**




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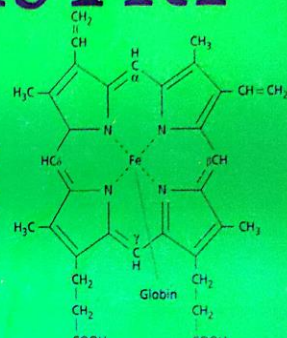
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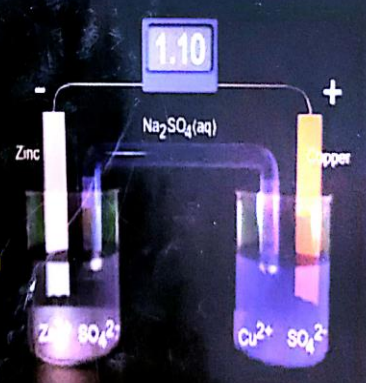
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Time : 6-8 Hrs.

Total Marks : 30

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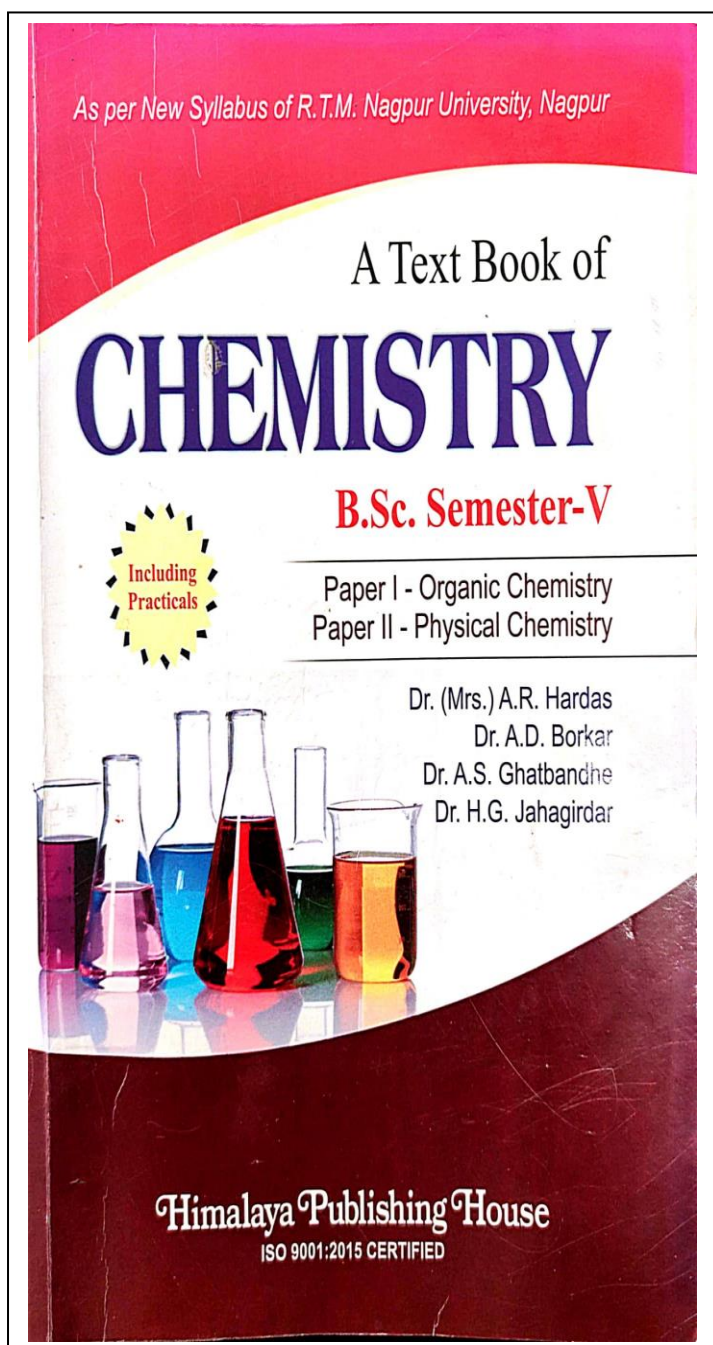
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Time : 6-8 Hrs.

Total Marks : 30

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Journal	05
Viva-Voce	05



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Pramod V Salame

Shiv K. Kumar's fiction is a strong base of social realism. Realism in literature is an approach that attempt to describe life without idealization of romantic subjectivity. In this sense, Kumar's fiction is like a mirror which reflects social realities vividly. Infidelity in love and marriage is destroying the social fabric. Kumar presents it in all its nakedness. He does not merely depict the dark side of life, ruthless, violent and destructive countenance of society, but also he suggests solution to it. There is a counterbalance of dark side and bright side of life in his fiction. Apart from it, Kumar's erudition and his lucid style of writing in divergent disciplines of literature have made me feel that he is a major creative writer in Indian Writing in English.

**Pramod V. Salame**, born in Wardha, Maharashtra in 1973, has been teaching English in Nabira Mahavidyalaya, Katol, Dist. Nagpur for the last 21 years. He did Ph.D. in 2011. He completed a UGC sponsored Minor Research Project in 2010. His research articles have been published in some reference books like *Crossing Threshold*, *Diaspora in Fiction*, *Literary Adaptation- From page to screen*, *Novels of Manju Kapur : A Critical Study*, etc. He has presented papers in International, National, and State Level Seminars and Conferences. Apart from these, his poems and short stories in Marathi, Hindi and English languages have been published in several magazines, weeklies, periodicals and newspapers. Some of his poems and short stories were awarded prizes in National and State Level competitions.



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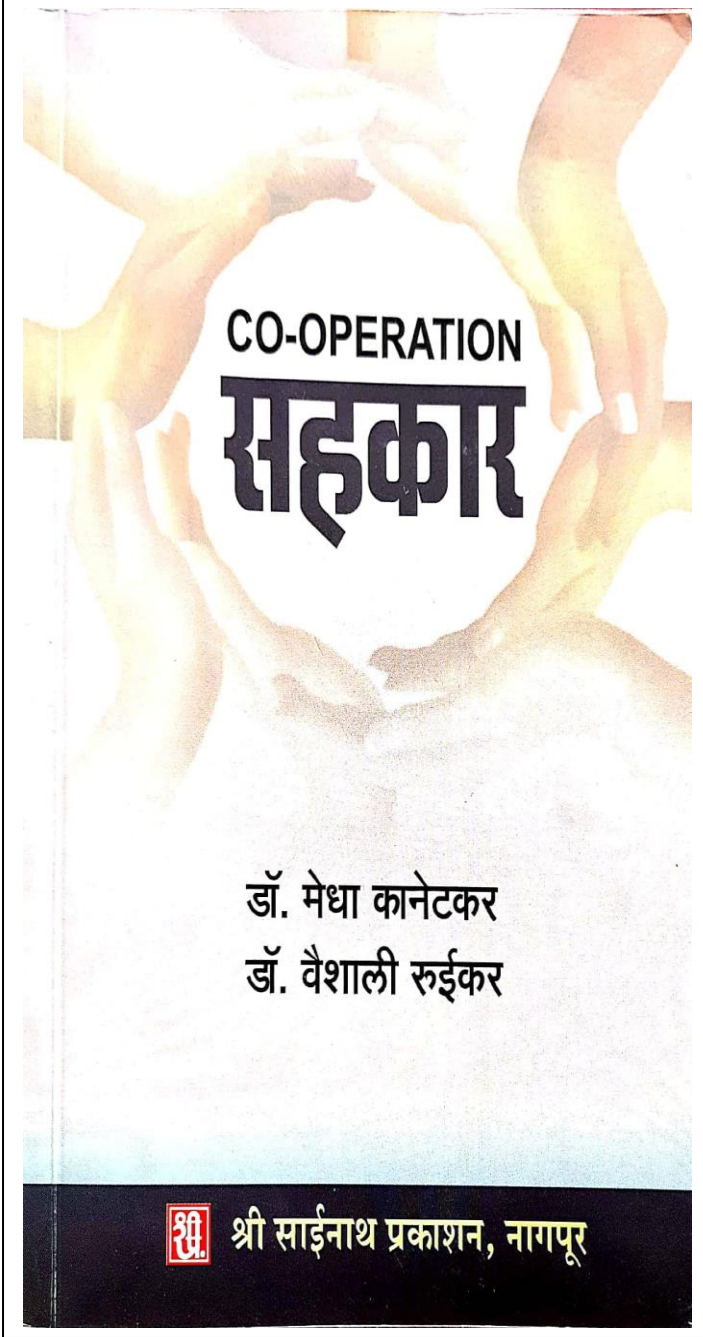
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डॉ. वैशाली रईकर

अक्षर सुलवणी

सौ. संगीता दांडे

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१२. भारतातील सामुदायिक विकास कार्यक्रम -

१. सामुदायिक विकास कार्यक्रमाचे आवश्यक घटक २. सामुदायिक  
सहकाराचा अर्थ स्पष्ट करता येतो. सहकार हा पृथ्वीवरील सृष्टीचे एक चिंतन  
आणि व्यापक स्वरूपाचे तत्त्व आहे. मानवाने विकासाच्या प्रत्येक टप्प्यांमध्ये वा  
४. विकास कार्यक्रमाच्या अंशेक्षणाची कारणे

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१५. सहकारातील री-इंजिनियरिंग -

१. सहकारातील री-इंजिनियरिंग व्यूहातना

१६. जागतिकीकरणाअंतर्गत सहकारी चळवळीतील अडथळे आणि उपाय

महत्त्वपूर्ण कार्ये करतात. भांडवलशाही आणि समाजवाद यातील सुवर्णमध्य म्हणजे  
सहकार वाद होय. भारताच्या अर्थव्यवस्थेत सहकारवादाला अत्यंत महत्त्वाचे  
स्थान आहे.

सहकार / १

Unit - I

१. सहकार

(अर्थ, वैशिष्ट्ये, उद्दिष्टे, व्याप्ती व महत्त्व)

(Co-operation - Meaning, Characteristic,  
Objectives, Scope and Importance).

१.१. प्रास्ताविक (Introduction)

पृथ्वीवर राहणाऱ्या सर्वच प्राणिमात्रांना मृतुत एवढे आवडते. सर्वांमध्ये  
मिळून मिळून कार्ये करावे, आला आनंद, दुःख आणि विचार इत्यांजवळ  
व्यक्तां कारणे हा मानवी सृष्टी स्वभाव आहे. त्यातून सहकाराचा उदय झाला  
आहे. एकत्रित राहून एका विचाराने कार्ये करावे सहकार होय, असा  
सहकाराचा अर्थ स्पष्ट करता येतो. सहकार हा पृथ्वीवरील सृष्टीचे एक चिंतन  
आणि व्यापक स्वरूपाचे तत्त्व आहे. मानवाने विकासाच्या प्रत्येक टप्प्यांमध्ये वा  
तत्त्वाचाच अवलंब करायचे आवश्यक होते. पाण्यांना मदत करावे हे मानवी  
स्वभावाचे प्रमुख वैशिष्ट्ये आहे. यालाच सहकार असे म्हणतात. अनेकांनी  
मिळून काम करावे हाच सहकार शब्दातून अर्थ घडविते होते. अनेकांनी एकत्र  
येऊन सामूहिकीकरणाचा सर्वांच्या हितासाठी कार्ये करावे हे सहकाराची मुख्य भूमिका  
आहे. एकमेकां साठव करू - अथवा धरू मुग्ध हा सहकाराचा मूलभूत आहे.  
या मंत्रानुसार समान गज आणि समान हिम असलेल्या समाजातील अनेक  
व्यक्ती एकत्रित येऊन एक संघटन तयार करतात. त्यांना सहकारी संस्था असे  
म्हणतात. विविध उद्दिष्टांसाठी विविध प्रकारच्या सहकारी संस्था स्थापन केल्या  
जातात. उदा. कर्ज पुढवणे कार्यासाठी सहकारी पत पेढ्या किंवा सहकारी  
बँका, धन बांधणीसाठी सहकारी गृहनिर्माण संस्था, ग्रहकांना मालवा सुवळा  
कारण्यासाठी ग्राहक सहकारी संस्था इत्यादी. समाजात वा संस्था अत्यंत  
महत्त्वपूर्ण कार्ये करतात. भांडवलशाही आणि समाजवाद यातील सुवर्णमध्य म्हणजे  
सहकार वाद होय. भारताच्या अर्थव्यवस्थेत सहकारवादाला अत्यंत महत्त्वाचे  
स्थान आहे.

7. Mr. N. T. Katre:

As per the New Syllabus of RTM Nagpur University

# Mathematics

**B.Sc. Semester VI**

Paper I : Abstract Algebra (M11)  
Paper II : Special Theory of Relativity (Optional) (M12)

- ▶ **Vijay M. Soni**
- ▶ **Rishi K. Agrawal**
- ▶ **Narendra T. Katre**
- ▶ **Rajendra T. Katre**
- ▶ **Narendra L. Khobragade**

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**Vijay M. Soni** (M.Sc., M.Ed.), working as an Associate Professor in Department of Mathematics, D.B. Science College, Gondia with 24 years of teaching experience at UG level. Also has a knack of simplifying mathematics for novice. "Students are the best outlets that a teacher moulds into responsible citizens", is his conviction. Theory of relativity is his forte. He is also socially involved through NGOs.



**Rishi K. Agrawal** (M.Sc., NET, B.Ed.), serving at Hislop College, Nagpur as an Associate Professor and Head, Department of Mathematics having teaching experience of 17 years at UG level. Since 2003, he has been working on self-developed innovative teaching – learning method named GANEET DARSHAN, an outcome of several workshops conducted by him spouted out inner flux of students. He strongly believes that "Present main Present rahe to Future main Future hai".

..... Jai Ganeet



**Narendra T. Katre** (M.Sc., B.Ed., SET), working as an Assistant Professor and Head, Department of Mathematics, Nabira Mahavidyalaya, Katol. He has teaching experience of 16 years at UG and 4 years at PG level. He has been honored by Gold Medal for securing First Merit position in M.Sc. examination of Mathematics. His areas of interest are Number Theory, Fuzzy Mathematics and Relativity.



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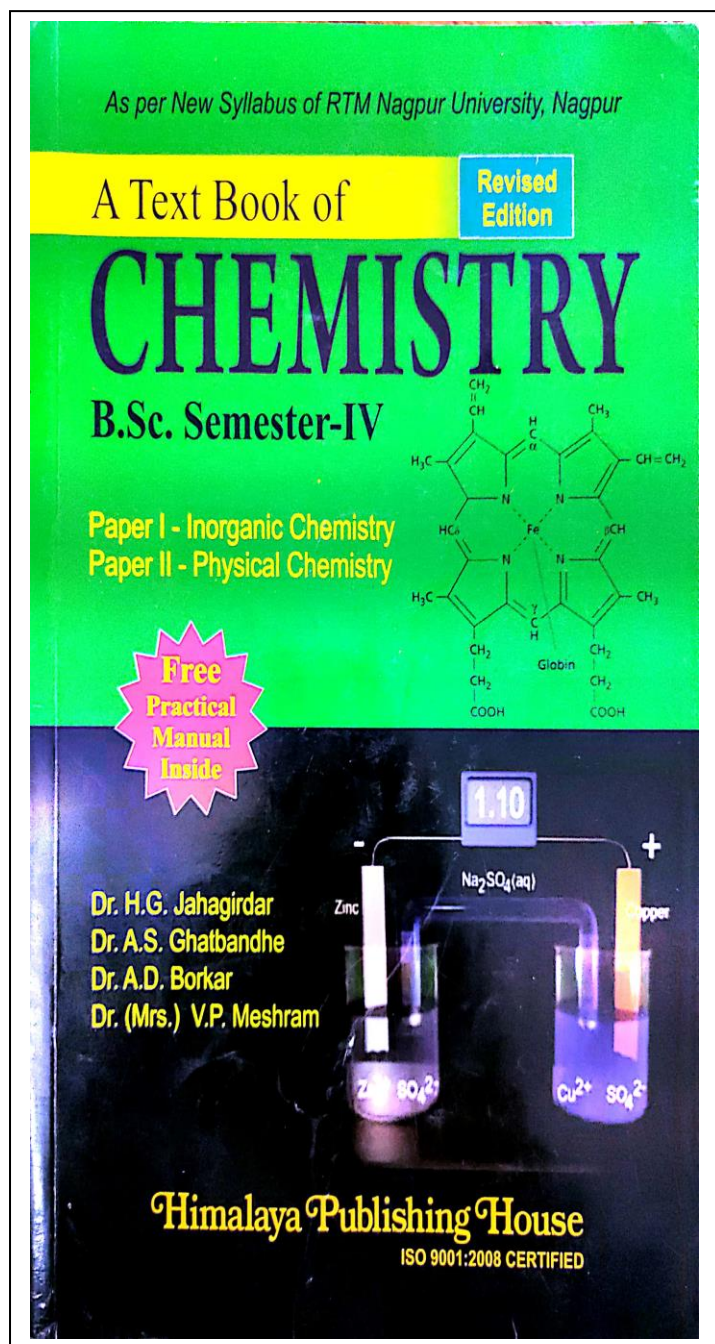
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## 2. Mr. N. T. Katre:

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# Mathematics

## B.Sc. Semester VI

Paper I : Abstract Algebra (M11)  
Paper II : Special Theory of Relativity (Optional) (M12)

- ▶ **Vijay M. Soni**
- ▶ **Rishi K. Agrawal**
- ▶ **Narendra T. Katre**
- ▶ **Rajendra T. Katre**
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..... Jai Ganeet



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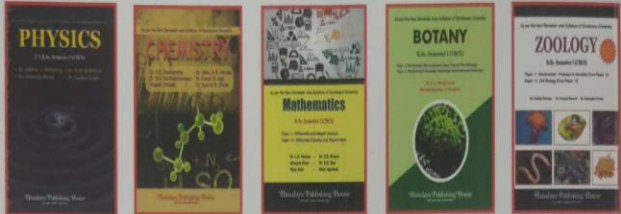
$$= e^t \int (t+1)e^{-t} dt - (t+1) \int dt$$

$$= e^t (-e^{-t}(t+2)) - (t+1)t$$

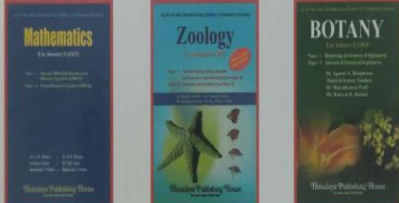
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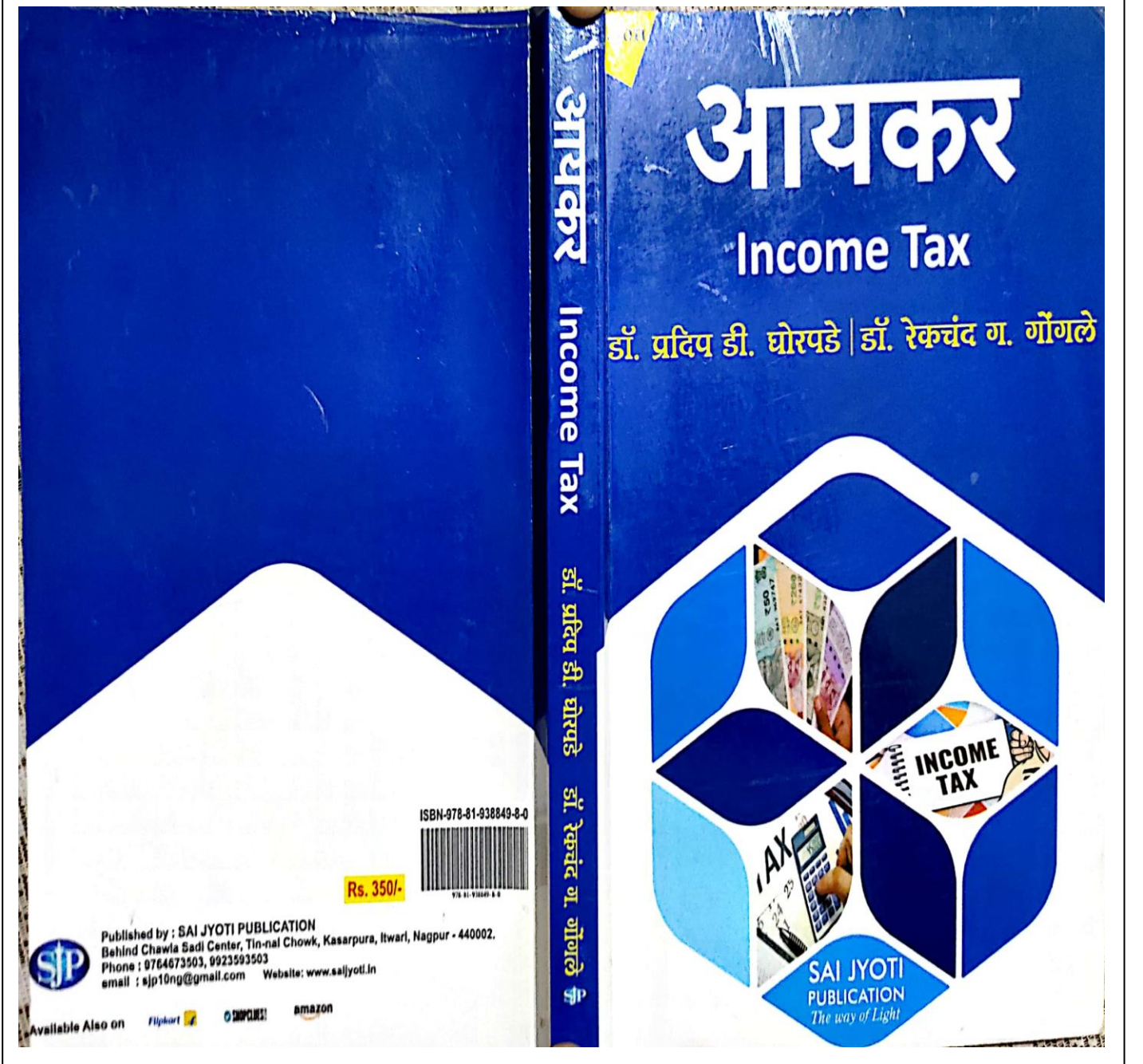
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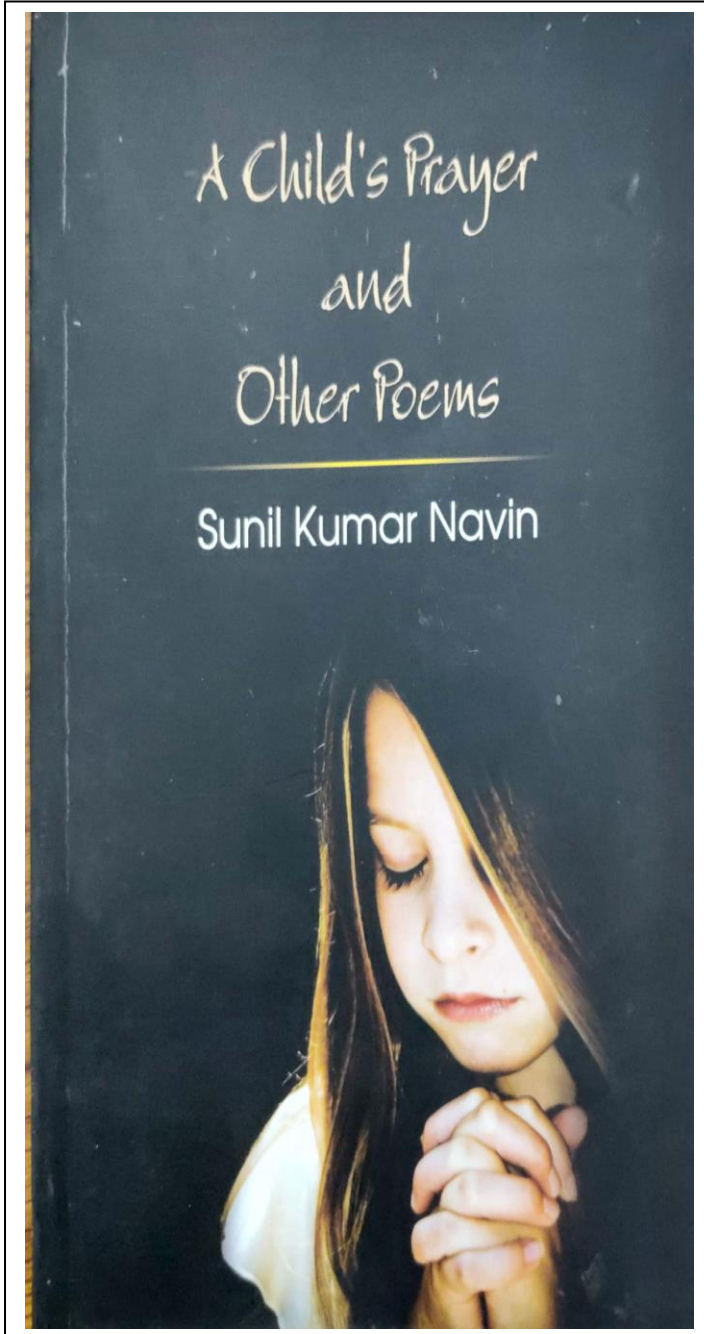
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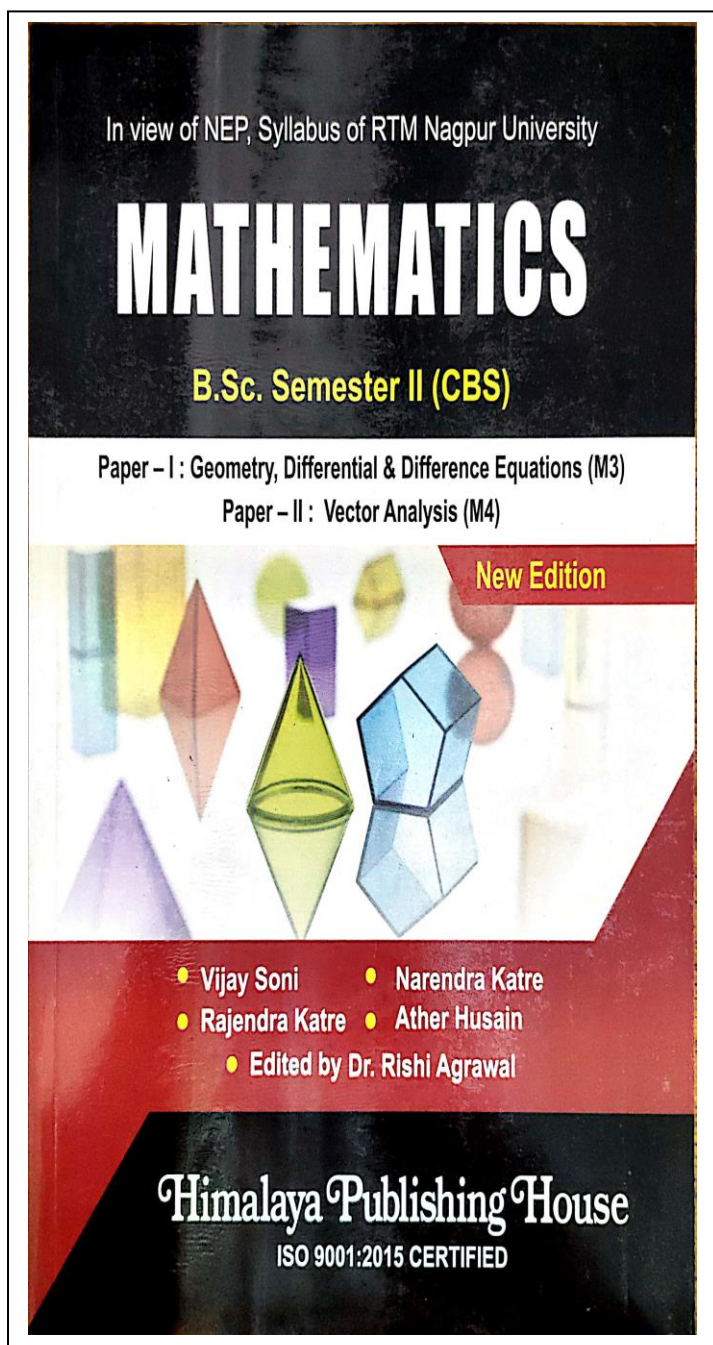
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# Mathematics

**B.Sc. Semester VI**

Paper I : Abstract Algebra (M11)  
Paper II : Special Theory of Relativity (Optional) (M12)

- ▶ **Vijay M. Soni**
- ▶ **Rishi K. Agrawal**
- ▶ **Narendra T. Katre**
- ▶ **Rajendra T. Katre**
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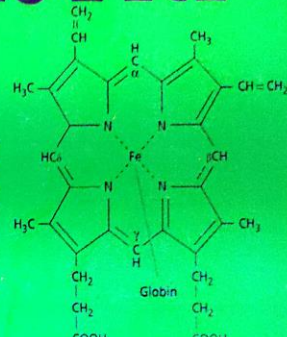
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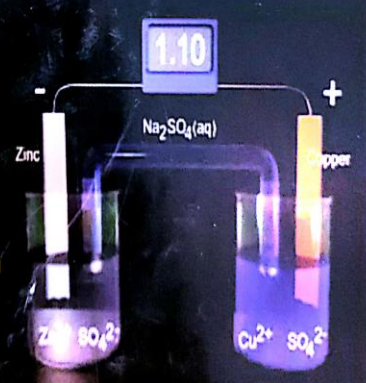
# CHEMISTRY

B.Sc. Semester-IV

Paper I - Inorganic Chemistry  
Paper II - Physical Chemistry



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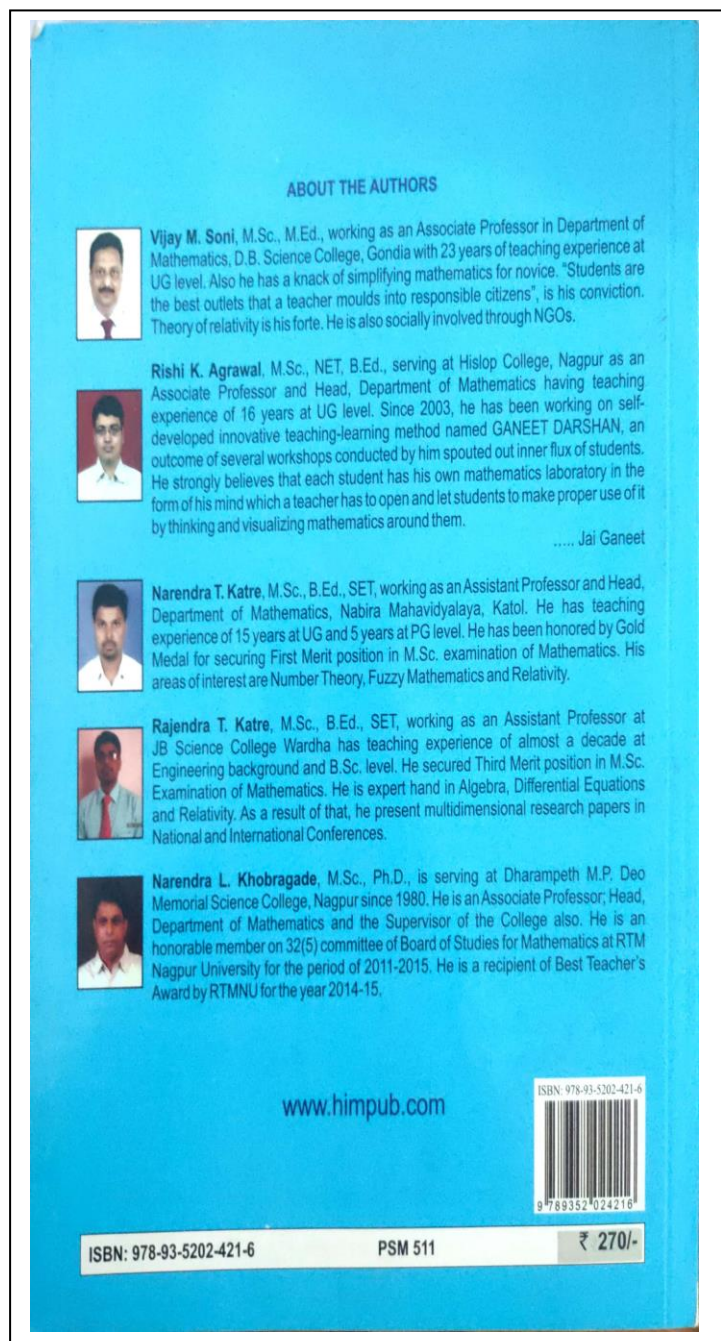
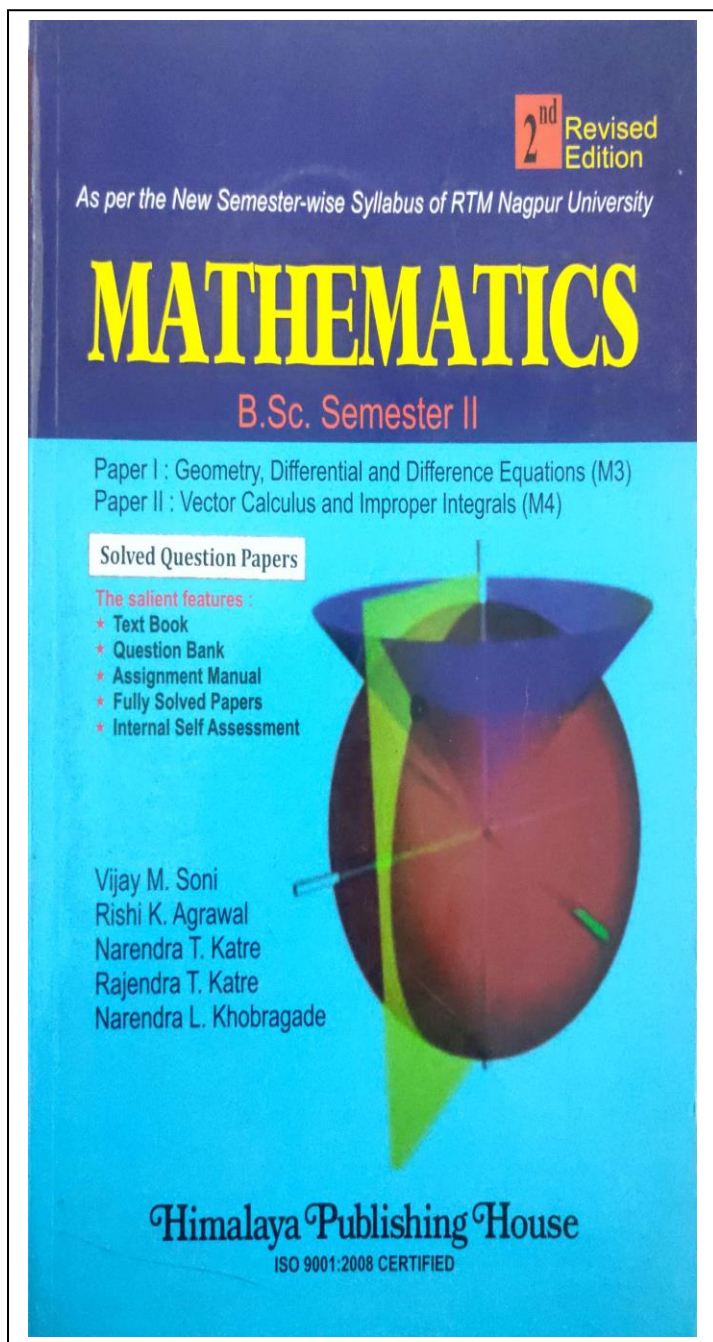
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# Mathematics

## B.Sc. Semester VI

Paper I : Abstract Algebra (M11)  
Paper II : Special Theory of Relativity (Optional) (M12)

- ▶ **Vijay M. Soni**
- ▶ **Rishi K. Agrawal**
- ▶ **Narendra T. Katre**
- ▶ **Rajendra T. Katre**
- ▶ **Narendra L. Khobragade**

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..... Jai Ganeet



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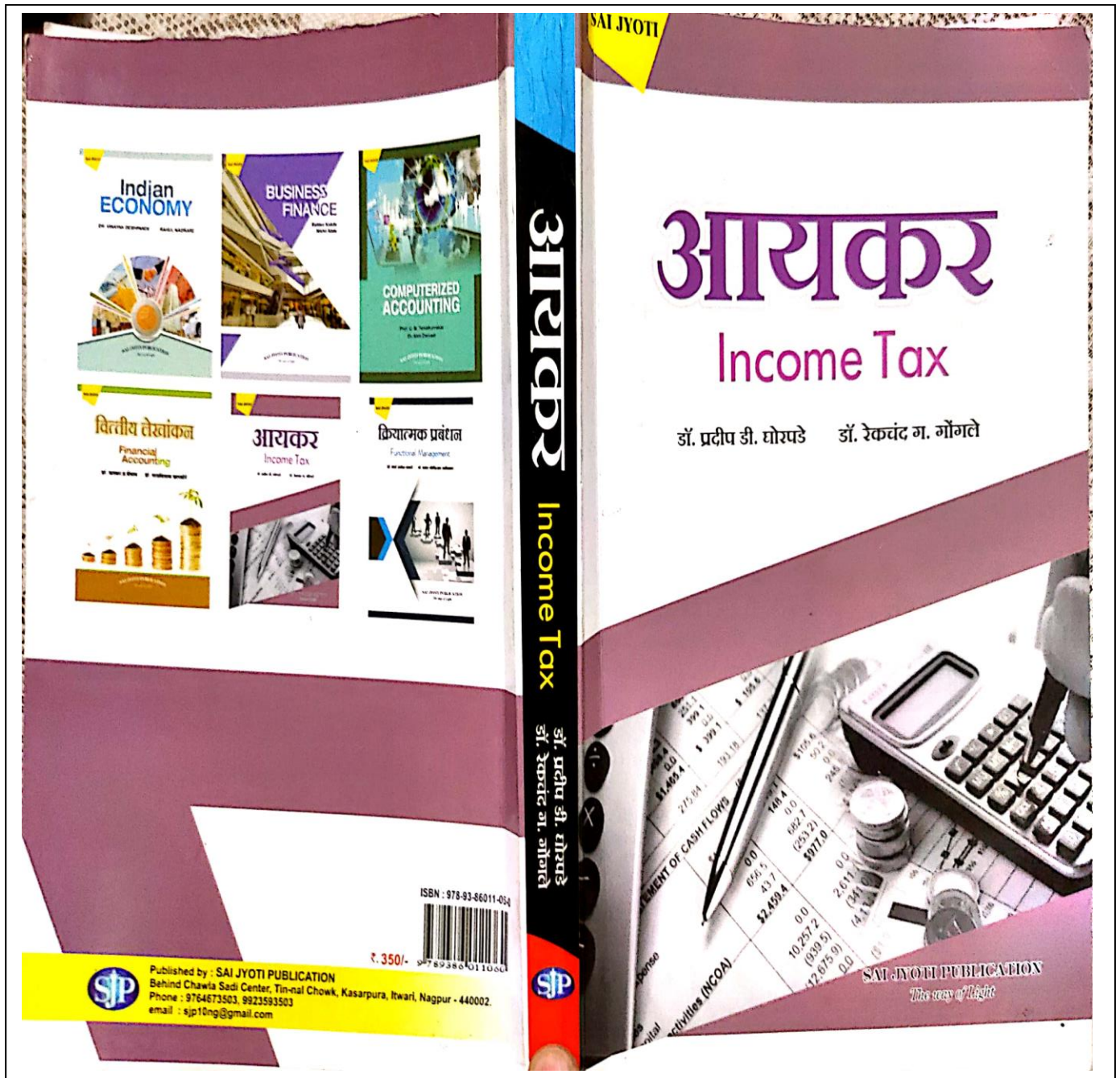
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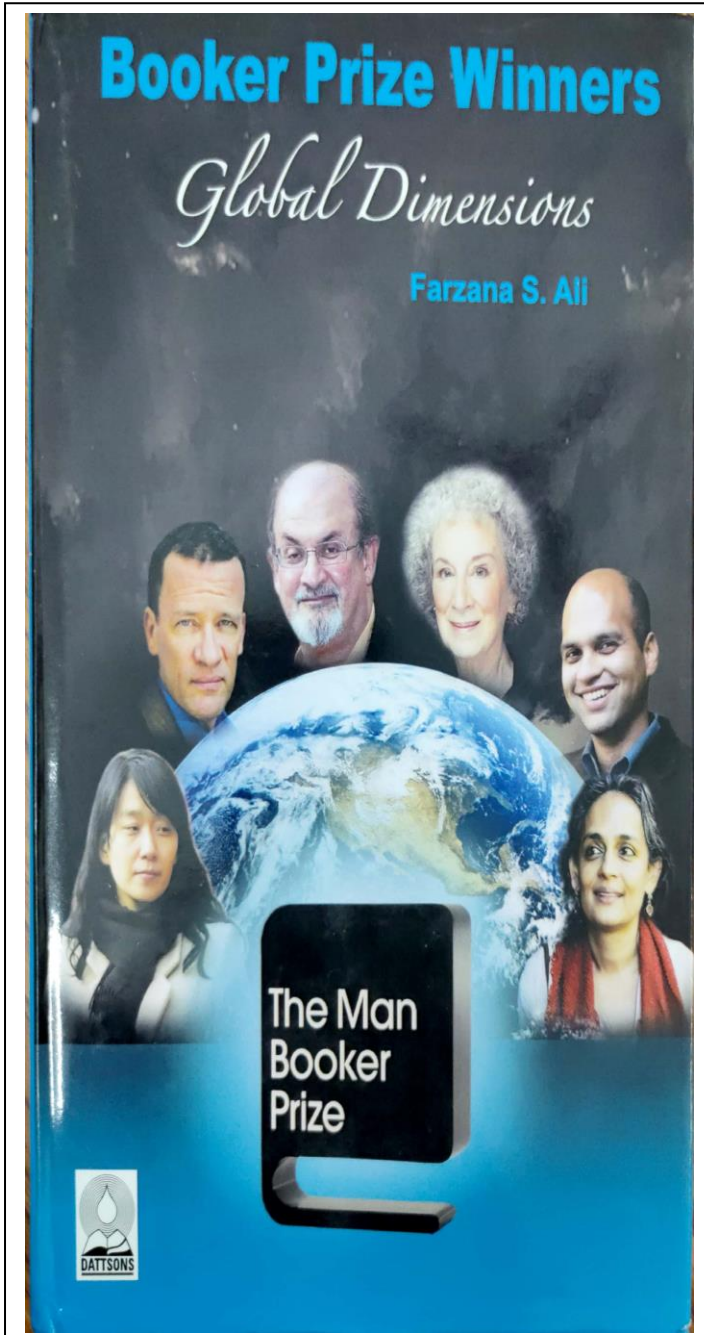
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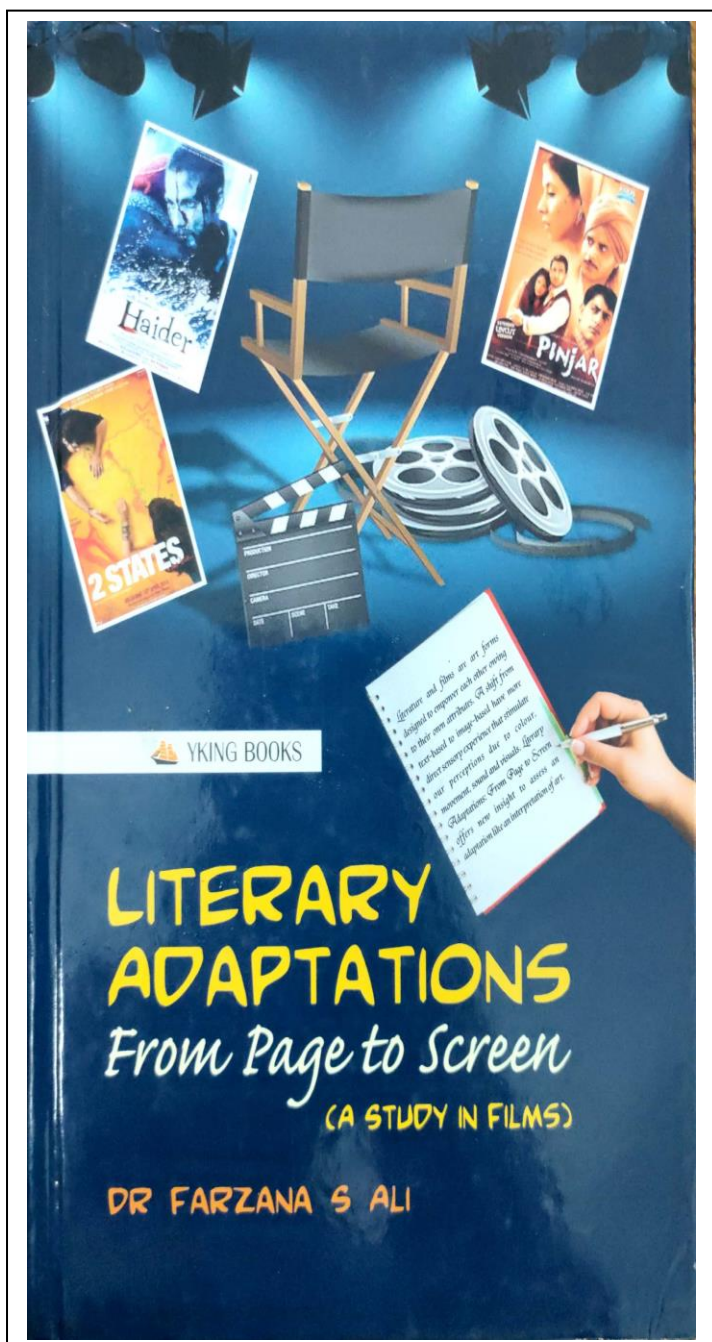
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Literary adaptation and the kind of relationship that exist between film and literature is one that most persistently preoccupies the theorist, the critic, the reviewer and the ordinary filmgoer. Often we critique a film adaptation on the basis of how well it serves the "master" text: the novel or other literary text that had preceded it. Yet the film version often takes precedence in people's minds over the book; due to colour, movement, sound and visual images that stimulate our perceptions directly.

Indeed, these two different media have gained millions of fans all over the world. Most of the legendary filmmakers with the best works of literature has put in their creative vision to give a visual treat and time and again their major literary works has been adapted into films. Vishal Bhardwaj has made a mark with his adaptations of three prominent works of Shakespeare "Macbeth" (Maqbool), "Othello" (Omkaara) and "Hamlet" (Haider) into his most memorable films. English August based on a novel by Upmanyu Chatterjee, beautifully adapted on screen met widespread critical acclaim. Chetan Bhagat found a footing in Bollywood with his books being made into films and likewise there are number of works adapted into films like *Earth*, *Pinjar*, *Tamas Namesake*, *Devdas*, *Guide*, to name a few. Analyzing Literature and Film Adaptations from a fresh perspective, would reasonably conclude that the multilayered film is much more powerful in creating the real life than the novel. This anthology of critical essays, *Literary adaptations: from page to screen* offers new vision and insight to assess an adaptation like an interpretation of art.



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Her areas of interest include Indian Writing in English, Women Writing & Partition Literature. Her articles have been published in many National & International Journals. She has attended many Seminars / Conferences / Workshops/ Refresher courses as Resource person & delivered lectures on literary aspects, NAAC Seminars & Global issues.



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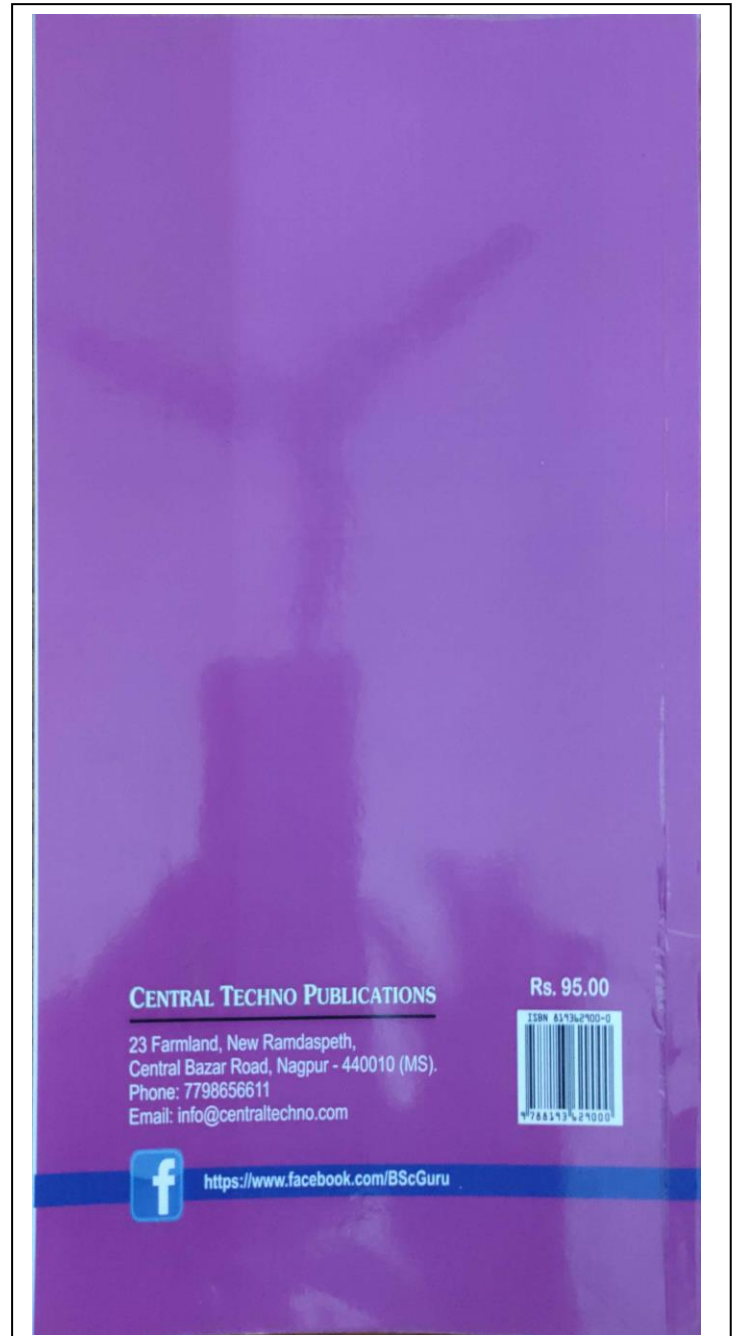
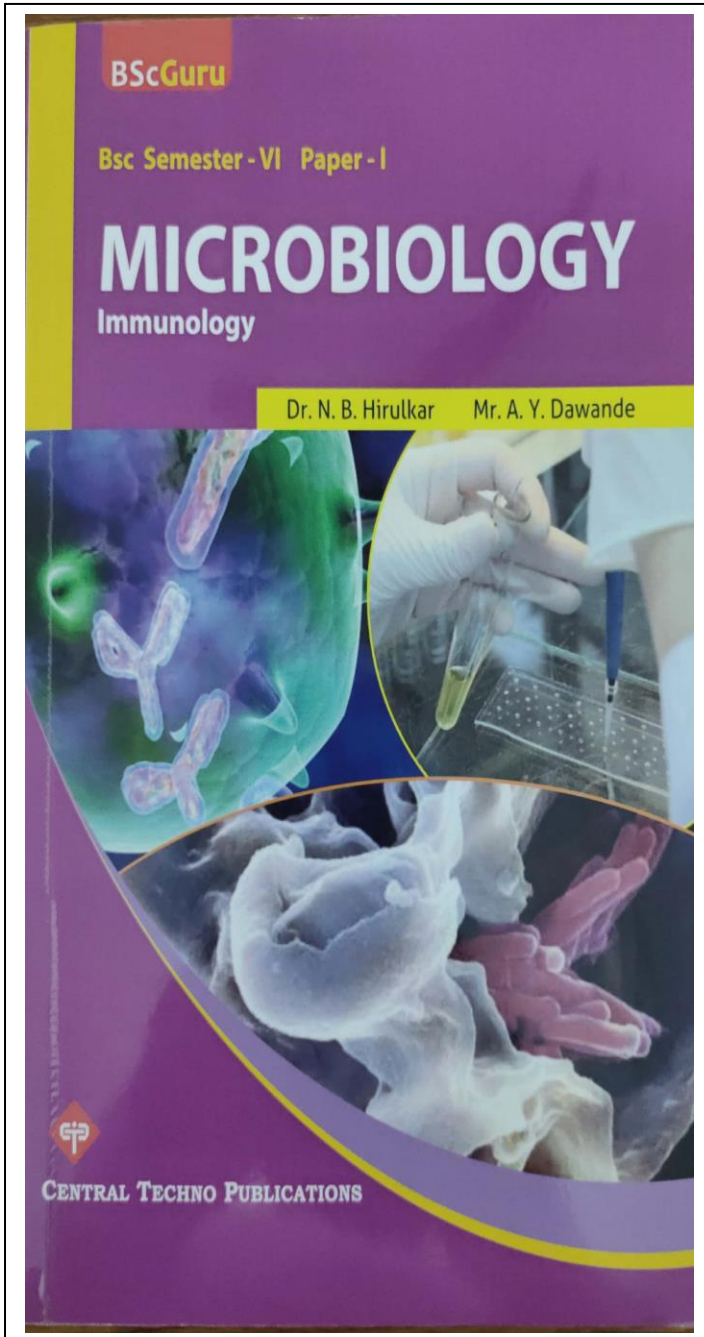
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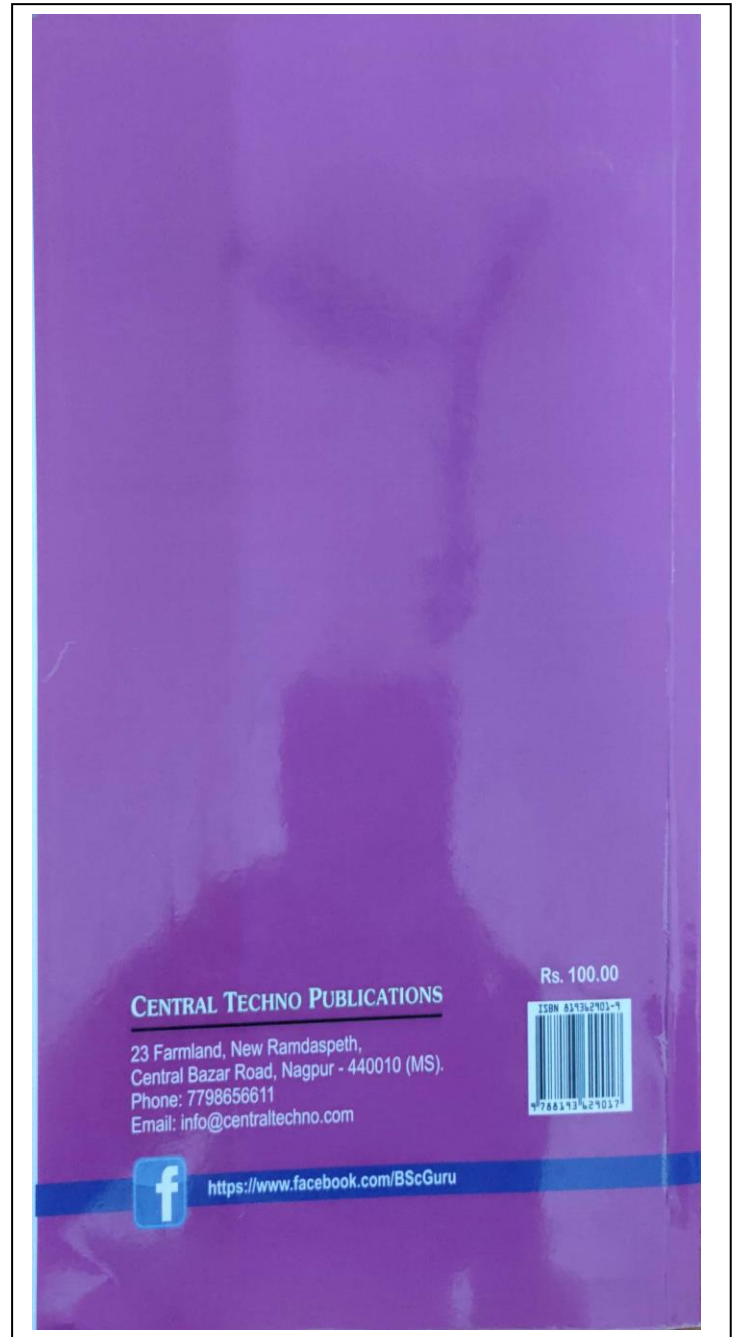
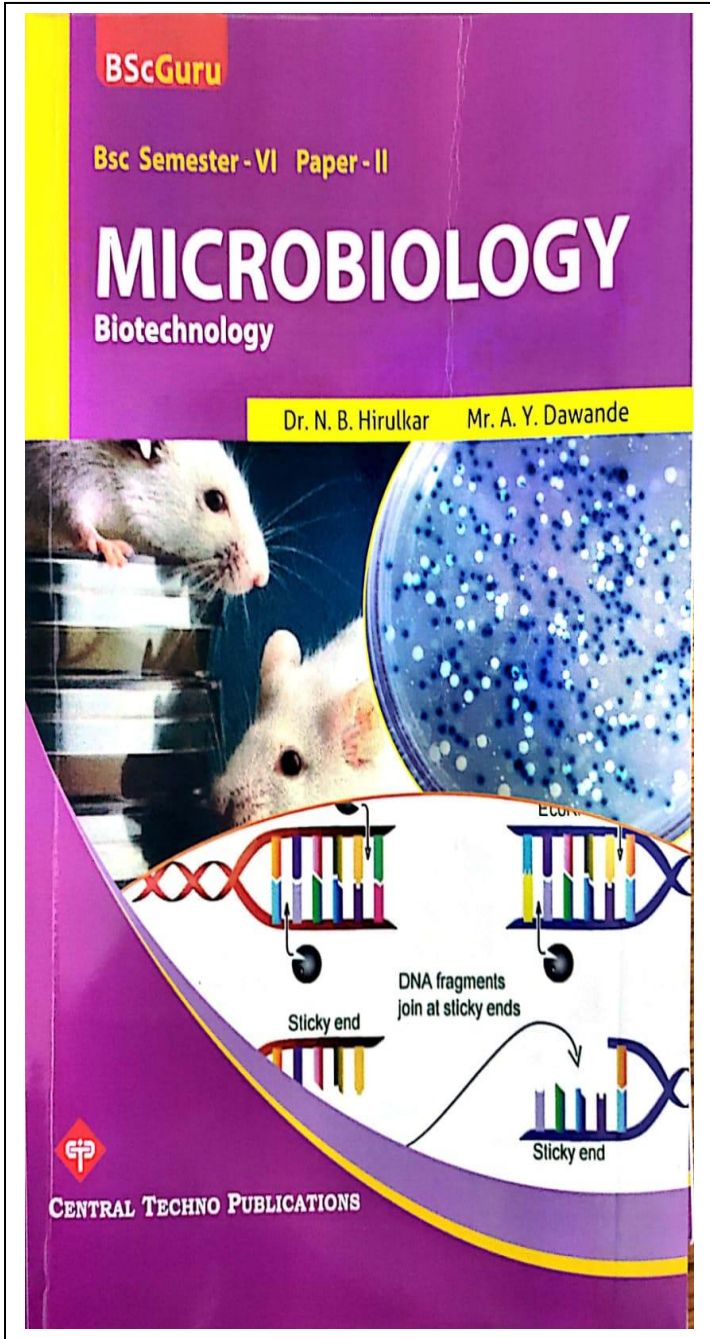
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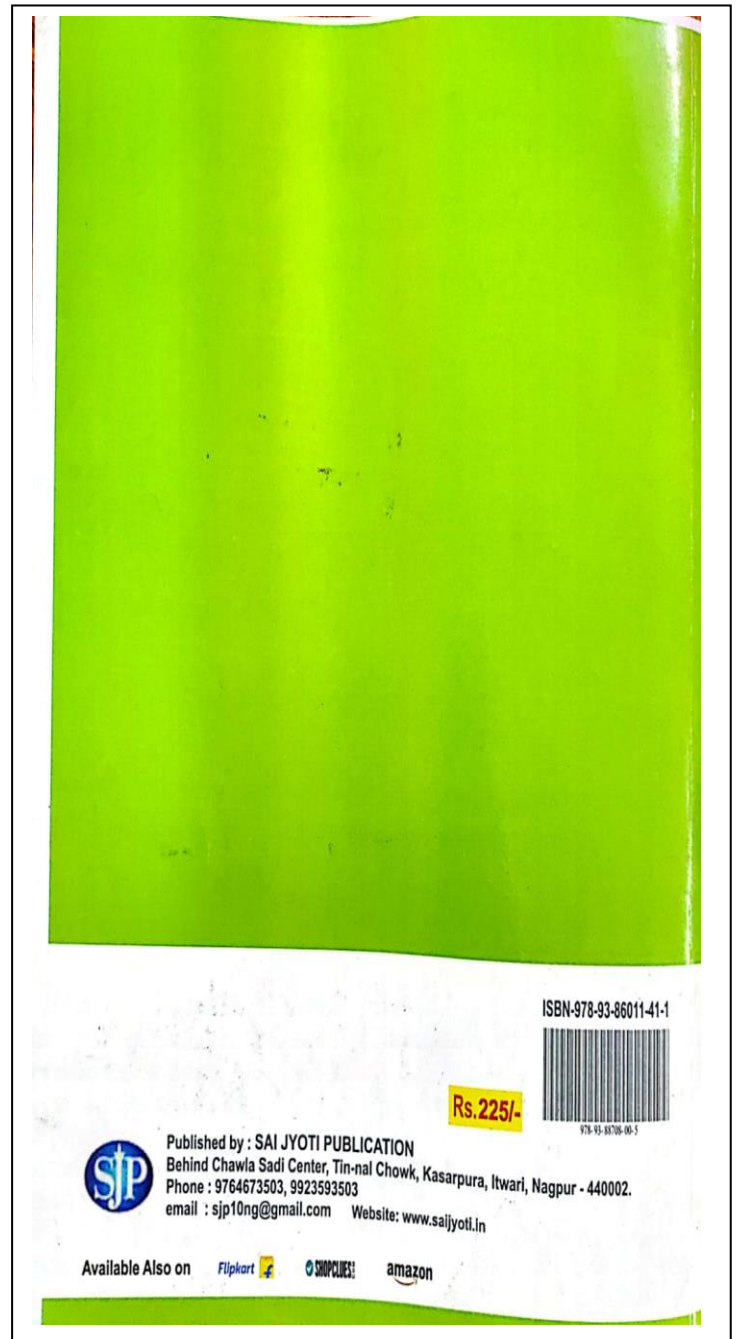
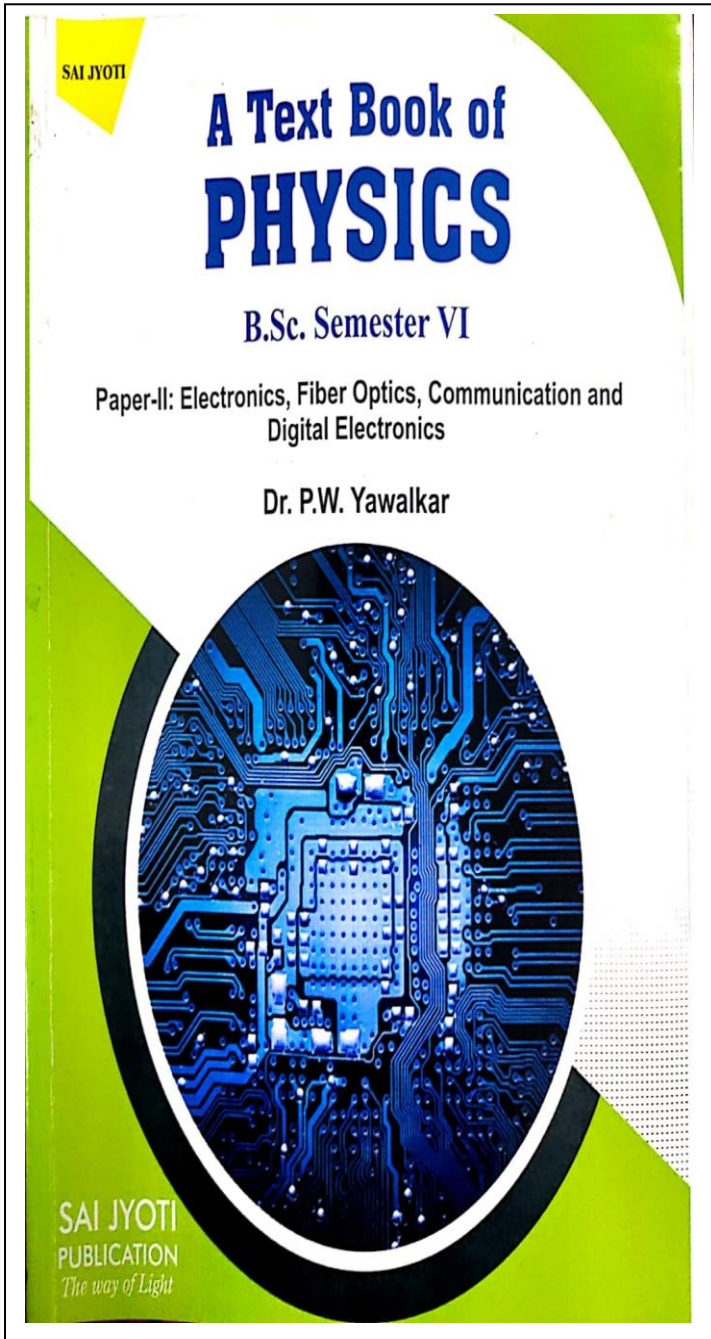
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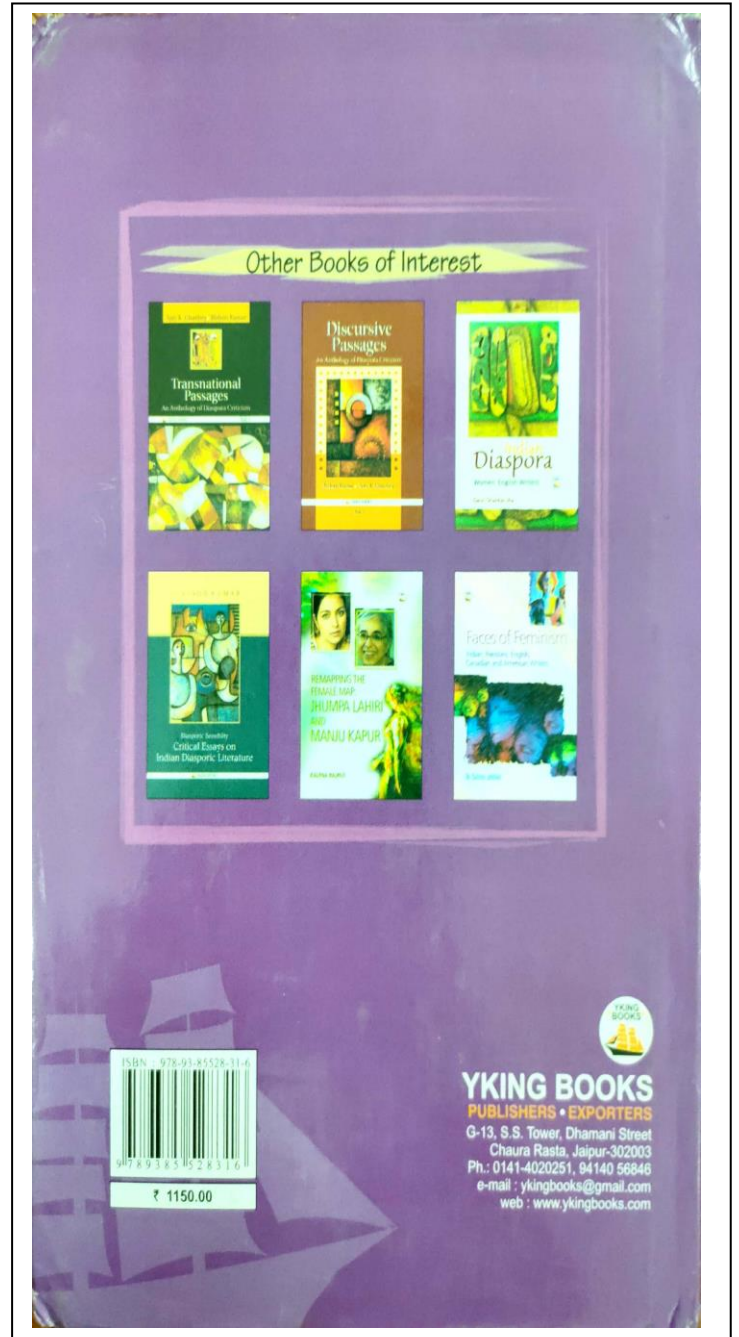
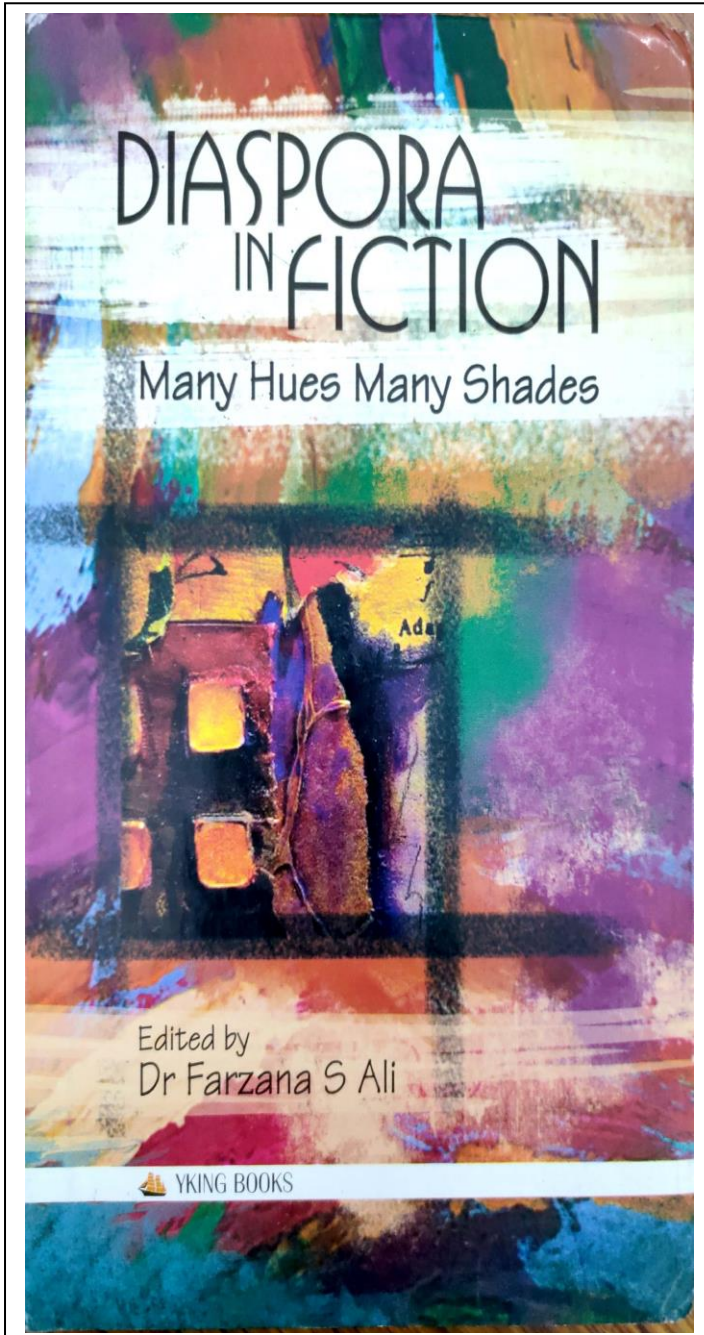
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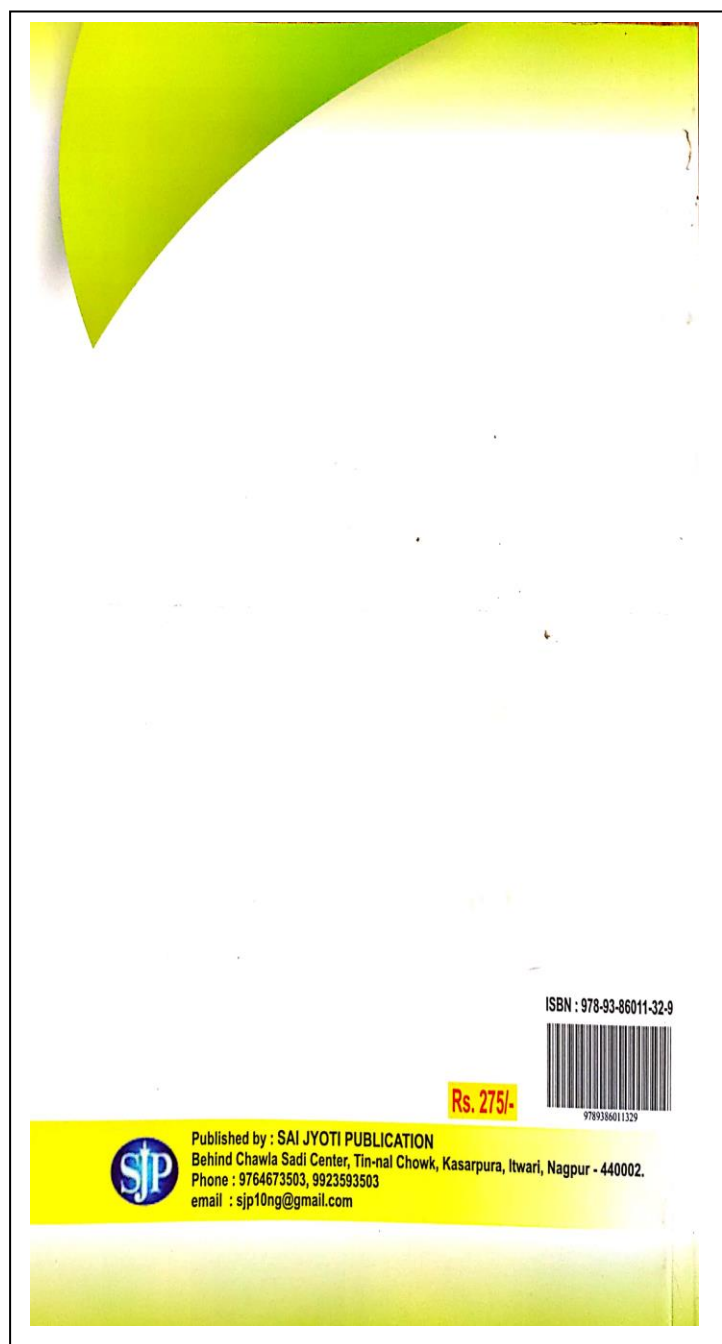
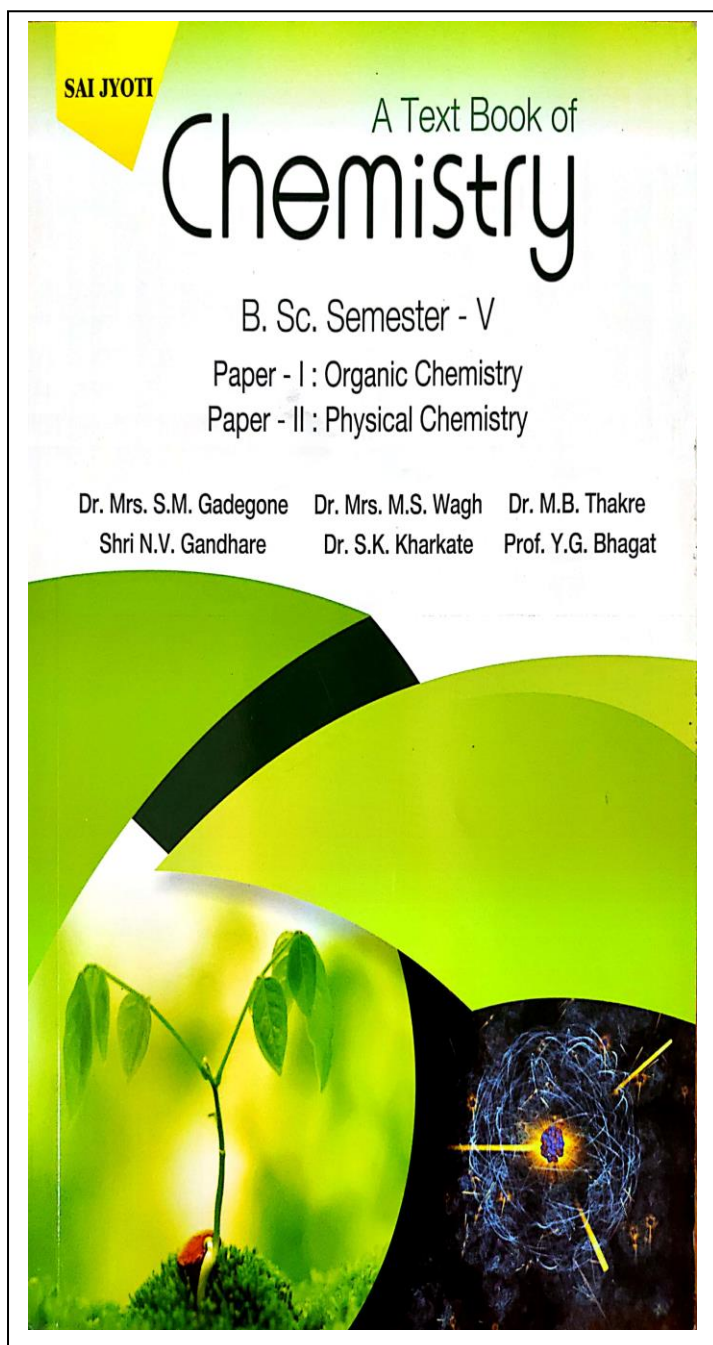
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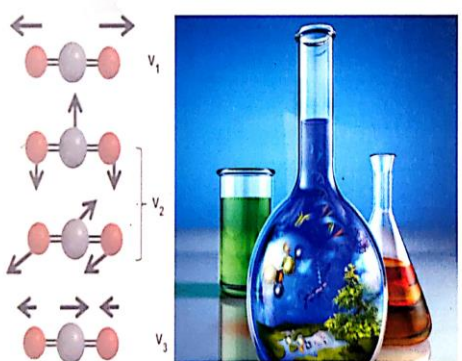
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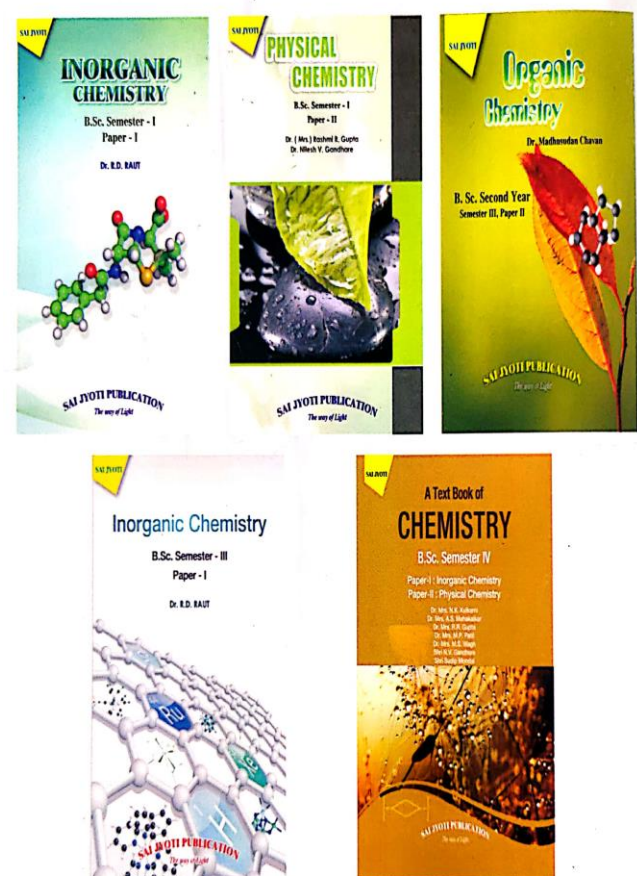
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