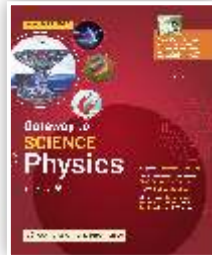


Classes 9 to 12

As per the Latest Curriculum prescribed by the  
Central Board of Secondary Education (CBSE), New Delhi

# CATALOGUE 2025



GOYAL BROTHERS PRAKASHAN

# CATALOGUE 2025

**Classes 9 to 12**

As per the latest Curriculum prescribed by the  
Central Board of Secondary Education (CBSE), New Delhi



**GOYAL BROTHERS PRAKASHAN**



Title	Classes	Pages
<b>For Classes 9 and 10</b>		
<b>Main Stream</b>		
Goyal's Assignments In English Language & Literature	9 and 10	6
संचित हिंदी व्यावहारिक व्याकरण तथा रचना (कोर्स 'ए')	9 एवं 10	8
अनमोल हिंदी व्यावहारिक व्याकरण तथा रचना (कोर्स 'बी')	9 एवं 10	10
नूतन व्याकरण आलोक (कोर्स 'ए')	9 एवं 10	12
नूतन व्याकरण सुधा (कोर्स 'बी')	9, 10a 10	14
A Complete Course in Mathematics	9 and 10	16
Mathematics Enrichment Lab Activities	9 and 10	18
Gateway To Science — Physics	9 and 10	20
Gateway To Science — Chemistry	9 and 10	22
Gateway To Science — Biology	9 and 10	24
Core Science Lab Manual With Practical Skills	9 and 10	26
A Complete Course In Science Lab Manual	9 and 10	28
Core Social Science — History	9 and 10	30
Core Social Science — Geography	9 and 10	32

Title	Classes	Pages
Core Social Science — Political Science	9 and 10	34
Core Social Science — Economics	9 and 10	36
Core Geography Map Workbook	9 and 10	38
Core History Map Workbook	9 and 10	40
Textbook of Computer Applications	9 and 10	42
Computer Application Practical Book	9 and 10	44
Understanding NCERT	9	46
Understanding NCERT	9	47

### Skill Education

A Textbook of Information Technology (Subject Code - 402)	9 and 10	48
Basics of Information Technology (Subject Code - 402)	9 and 10	50
Concepts In Information Technology (Subject Code - 402)	9 and 10	52
Fundamentals of Information Technology (Subject Code - 402)	9 and 10	54
Information Technology Practical Book (Subject Code - 402)	9 and 10	56
A Textbook of Artificial Intelligence (Subject Code - 417)	9 and 10	58
Artificial Intelligence Practical Book (Subject Code - 417)	9 and 10	60
A Textbook of Data Science (Subject Code - 419)	9 and 10	62

Title	Classes	Pages
-------	---------	-------

## **For Classes 11 and 12**

A Textbook of Retail (Subject Code - 401)	9 and 10	64
A Textbook of Tourism (Subject Code - 406)	9 and 10	66

### **Others**

Know Your Aptitude	9 and 10	68
Learning Life Skills With Attitudes & Values	9 and 10	70
Health & Physical Education	9 and 10	72
A Textbook of Financial Education	9 and 10	74

### **Main Stream**

Goyal's Assignments in English (Core) Course	11 and 12	76
A Textbook of Applied Mathematics	11 and 12	78
Practicals & Projects in Applied Mathematics With Record Book	11 and 12	80
Mathematics Lab Activities With Record Book	11 and 12	82
Core Laboratory Manual of Physics	11 and 12	84

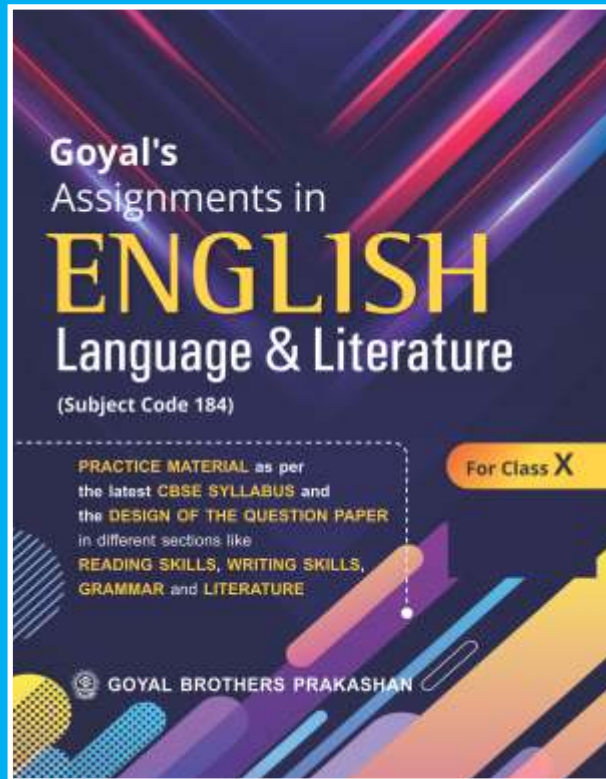
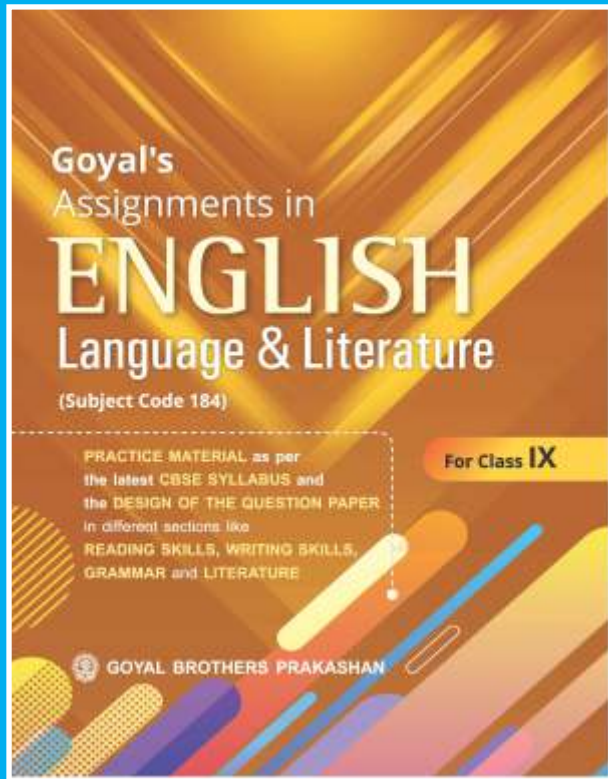
Title	Classes	Pages
Core Laboratory Manual of Chemistry	11 and 12	86
Core Laboratory Manual of Biology	11 and 12	88
Core Economics With Video Lectures	11 and 12	90
A Textbook of Statistics for Economics (Part A)		
A Textbook of Introductory Microeconomics (Part B)	11	92
A Textbook of Introductory Macroeconomics (Part A)		
A Textbook of Indian Economic Development (Part B)	12	94
<b>Skill Education</b>		
A Textbook of Business Studies	12	96
A Textbook of Artificial Intelligence (Subject Code - 843)	11 and 12	98
A Textbook of Data Science (Subject Code - 844)	11 and 12	100
A Textbook of Web Applications (Subject Code - 803)	11 and 12	102
A Textbook of Tourism (Subject Code - 806)	11 and 12	104
A Textbook of Yoga (Subject Code - 841)	11 and 12	106

• Rama Joshi • Silky Bhatia

**Goyal's Assignments in English Language & Literature** for **Classes 9 and 10** are strictly based on the latest syllabus prescribed by the CBSE, New Delhi. These books are aligned with **NEP 2020**, taking into account all the changes made in the syllabus. Exercises and Assignments have been planned according to the latest syllabus. They encourage originality, creativity and critical analysis with a comprehensive understanding of contemporary issues.

**These books are divided into the following sections :**

- ✦ **SECTION A (Reading Skills):** This section contains **discursive** and **case-based factual passages (with visual input—statistical data, chart, etc)**. Discursive Passages have been chosen from bestsellers, lectures and speeches. The method of evaluation is as per the CBSE guidelines to test **inference, evaluation, analysis, interpretation** and **vocabulary**.
- ✦ **SECTION B1 (Writing Skills):** Topics of this section have been strictly chosen according to the latest syllabus. The topics range from traditional to contemporary issues that have to be written on the basis of given **outline/data/chart/cues** to encourage **creative thinking and critical analysis**.
- ✦ **SECTION B2 (Grammar):** This section lists all the rules necessary for solving exercises that follow. Chapters are planned with strict adherence to the syllabus. A large number of assignments are provided to give ample practice to students.
- ✦ **SECTION C1 (Literature Textbook):** This section provides you with Prose and Poetry to test **inference, evaluation, creativity, imagination, extrapolation** and **vocabulary**.
- ✦ **SECTION C2 (Supplementary Reader):** This section takes into account the interests of young learners while making them aware of issues that they need to reflect on personal relationships, the neighbourhood, and the community.





• श्रीमती कविता बासु • डॉ. आर. एल. त्रिवेदी

‘संचित हिंदी व्यावहारिक व्याकरण तथा रचना’ केंद्रीय माध्यमिक शिक्षा बोर्ड के नवीनतम ‘ए’ पाठ्यक्रमानुसार कक्षा नवीं व दसवीं के लिए तैयार की गई है।

प्रस्तुत पुस्तकों को सी.बी.एस.ई. बोर्ड, नई दिल्ली द्वारा अनुमोदित नवीनतम पाठ्यक्रम के अनुरूप तैयार किया गया है, जो बोर्ड के दिशानिर्देशों के एकदम अनुकूल है।

**प्रस्तुत पुस्तकों की विशेषताएँ निम्नलिखित हैं—**

- ✦ पुस्तक में खंडों का विभाजन भी पाठ्यक्रमानुसार ही किया गया है। जैसे—**खंड क**-अपठित बोध, **खंड ख**-व्यावहारिक व्याकरण, **खंड घ**-लेखन।
- ✦ **खंड क**- ‘अपठित बोध’ के अंतर्गत गद्यांश एवं काव्यांश दिए गए हैं जिसमें सी. बी. एस. ई. बोर्ड परीक्षा में पूछे गए प्रश्नों सहित अन्य संभावित प्रश्नों को सम्मिलित किया गया है। इनमें से कुछ प्रश्नों को कुछ उत्तर सहित और अधिकांशतः अभ्यास-कार्य के रूप में दिया गया है।
- ✦ **खंड ख**- व्यावहारिक व्याकरण के अंतर्गत व्याकरण के केवल उन्हीं पक्षों को समाहित किया गया है, जो पाठ्यक्रम में निर्दिष्ट हैं।
- ✦ व्याकरण के विविध पक्षों को अनेकानेक उदाहरणों द्वारा बोधगम्य बनाया गया है।
- ✦ **खंड घ**-लेखन के अंतर्गत अनुच्छेद लेखन, औपचारिक-अनौपचारिक पत्र, विज्ञापन लेखन, संदेश लेखन, स्ववृत्त लेखन तथा ई-मेल लेखन को सम्मिलित किया गया है। पहले इनके बारे में समझाया गया है, फिर अनेकानेक उदाहरण एवं अभ्यास-कार्य दिए गए हैं।

राष्ट्रीय शिक्षा नीति  
2020  
पर आधारित

संचित हिंदी  
व्यावहारिक  
व्याकरण  
तथा रचना

नवीं कक्षा के लिए  
कोर्स 'ए'

 गोयल ब्रदर्स प्रकाशन

राष्ट्रीय शिक्षा नीति  
2020  
पर आधारित

संचित हिंदी  
व्यावहारिक  
व्याकरण  
तथा रचना

दसवीं कक्षा के लिए  
कोर्स 'ए'

 गोयल ब्रदर्स प्रकाशन

- श्रीमती कविता बासु
- डॉ. डी. वी. सिंह

'अनमोल हिंदी व्यावहारिक व्याकरण तथा रचना' केंद्रीय माध्यमिक शिक्षा बोर्ड के नवीनतम 'बी' पाठ्यक्रमानुसार कक्षा नवीं व दसवीं के लिए तैयार की गई है।

प्रस्तुत पुस्तकों को सी.बी.एस.ई., नई दिल्ली द्वारा अनुमोदित नवीनतम पाठ्यक्रम के अनुरूप तैयार किया गया है, जो बोर्ड के दिशानिर्देशों के एकदम अनुकूल है।

### प्रस्तुत पुस्तकों की विशेषताएँ निम्नलिखित हैं—

- ✦ पुस्तकों में खंडों का विभाजन भी पाठ्यक्रमानुसार ही किया गया है। जैसे—**खंड क**-अपठित बोध, **खंड ख**-व्यावहारिक व्याकरण, **खंड घ**-लेखन।
- ✦ **खंड क**- 'अपठित बोध' के अंतर्गत सी.बी.एस.ई. बोर्ड परीक्षा में पूछे गए प्रश्नों को कुछ उत्तर सहित और अधिकांशतः अभ्यास-कार्य के रूप में प्रचुर मात्रा में दिया गया है।
- ✦ **खंड ख**- 'व्यावहारिक व्याकरण' के अंतर्गत व्याकरण के केवल उन्हीं पक्षों को समाहित किया गया है, जो वर्तमान पाठ्यक्रम में निर्दिष्ट हैं।
- ✦ व्याकरण के विविध पक्षों को अनेकानेक उदाहरणों द्वारा बोधगम्य बनाया गया है।
- ✦ **खंड घ**- 'लेखन' के अंतर्गत अनुच्छेद लेखन, पत्र-लेखन, सूचना लेखन, विज्ञापन लेखन, लघुकक्षा लेखन और ई-मेल लेखन को सम्मिलित किया गया है। इन पर आधारित अनेकानेक उदाहरण एवं अभ्यास-कार्य दिए गए हैं।

राष्ट्रीय शिक्षा नीति  
2020  
पर आधारित

# अनमोल हिंदी व्यावहारिक व्याकरण तथा रचना

नवीं कक्षा के लिए  
कोर्स 'बी'



गोयल ब्रदर्स प्रकाशन

राष्ट्रीय शिक्षा नीति  
2020  
पर आधारित

# अनमोल हिंदी व्यावहारिक व्याकरण तथा रचना

दसवीं कक्षा के लिए  
कोर्स 'बी'



गोयल ब्रदर्स प्रकाशन

• डॉ. शिक्षा

नूतन व्याकरण आलोक पुस्तक कक्षा नवीं व दसवीं ( कोर्स-ए ) के छात्रों के लिए समग्र रूप से तैयार की गई है, जो केंद्रीय माध्यमिक शिक्षा बोर्ड, नई दिल्ली के नवीनतम पाठ्यक्रम एवं दिशा-निर्देशों के एकदम अनुकूल है। इस पुस्तक में सी.बी.एस.ई. बोर्ड, नई दिल्ली के दिशा-निर्देशों के अनुरूप खंडों को प्रस्तुत किया गया है।

**इस पुस्तक की विशेषताएँ इस प्रकार हैं—**

- ✦ **खंड-क** : यह भाग अपठित बोध का है। नए पाठ्यक्रम के अनुसार कक्षा-9 एवं 10 में अपठित गद्यांश तथा काव्यांश पर आधारित अति लघु प्रश्न, लघु प्रश्न अथवा बहुविकल्पीय प्रश्न पूछे जाएँगे।
- ✦ **खंड-ख** : यह भाग व्याकरण से संबंधित है। इसमें कक्षा-नवीं और दसवीं के व्याकरण पाठ्यक्रमों को अलग-अलग भागों में प्रस्तुत किया गया है।
- ✦ व्याकरण भाग के पाठों पर आधारित तथ्य, उदाहरण एवं अभ्यास दिए गए हैं।
- ✦ **खंड-घ** : इसमें समाहित हैं— अनुच्छेद लेखन, पत्र लेखन, संवाद लेखन, लघुकथा लेखन, संदेश लेखन तथा विज्ञापन-लेखन।
- ✦ सभी खंडों में सी.बी.एस.ई. बोर्ड की परीक्षा में पूछे गए प्रश्न दिए गए हैं, ताकि छात्रगण प्रश्नों के प्रारूप से भली-भाँति परिचित हो सकें।

राष्ट्रीय  
शिक्षा नीति  
2020  
का अंगण

# नूतन व्याकरण आलोक

( कोर्स-ए )

नवीं एवं दसवीं कक्षा के लिए

**पुस्तक की विशेषताएँ—**

- CBSE के नवीनतम पाठ्यक्रम के अनुरूप
- पठन आधारित शिक्षा (Competency Based Education) का समर्थन
- सीखने-खाने में कौशलगत विचारों का समर्थन
- अन्तः सम्मिलित अधीक्षण (Art Integrated Learning) धारण का समर्थन



गोयल ब्रदर्स प्रकाशन

नूतन व्याकरण सुधा पुस्तक कक्षा नवीं व दसवीं ( कोर्स-ब ) के छात्रों के लिए समग्र रूप से तैयार की गई है, जो केंद्रीय माध्यमिक शिक्षा बोर्ड, नई दिल्ली के नवीनतम पाठ्यक्रम एवं दिशानिर्देशों के एकदम अनुकूल है। इस पुस्तक में सी.बी.एस.ई. बोर्ड, नई दिल्ली के दिशानिर्देशों के अनुरूप विभिन्न खंडों को प्रस्तुत किया गया है।

**इस पुस्तक की विशेषताएँ इस प्रकार हैं—**

- ✦ **खंड-क** : यह भाग अपठित बोध का है। नए पाठ्यक्रम के अनुसार इस खंड का स्वरूप इस प्रकार होगा—
  - कक्षा-9 के लिए अपठित गद्यांश होंगे, जिन पर आधारित लघु प्रश्न, अति लघु प्रश्न अथवा बहुविकल्पीय प्रश्न पूछे जाएँगे।
  - कक्षा-10 के लिए अपठित गद्यांश होंगे, जिन पर आधारित लघु प्रश्न, अति लघु प्रश्न अथवा बहुविकल्पीय प्रश्न पूछे जाएँगे।
- ✦ **खंड-ख** : यह भाग व्याकरण से संबंधित है। इसमें कक्षा-नवीं और दसवीं के व्याकरण पाठ्यक्रम को अलग-अलग भागों में प्रस्तुत किया गया है। सरल स्पष्टीकरणों द्वारा विषयों को समझाया गया है।
- ✦ **खंड घ-** इसमें समाहित हैं—अनुच्छेद लेखन, पत्र-लेखन, चित्र वर्णन, संवाद लेखन, सूचना लेखन, विज्ञापन लेखन, लघुकथा लेखन तथा ई-मेल लेखन।

नूतन  
व्याकरण  
सुधा  
( कोर्स-बी )

नवीं एवं दसवीं कक्षा के लिए



गोयल ब्रदर्स प्रकाशन

राष्ट्रीय  
पिछा गति  
2020  
एर अवार्डिड

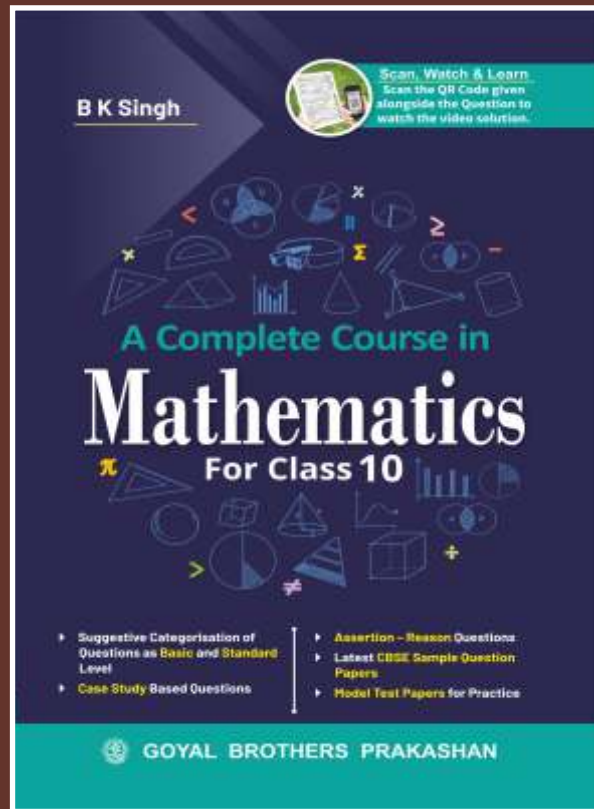
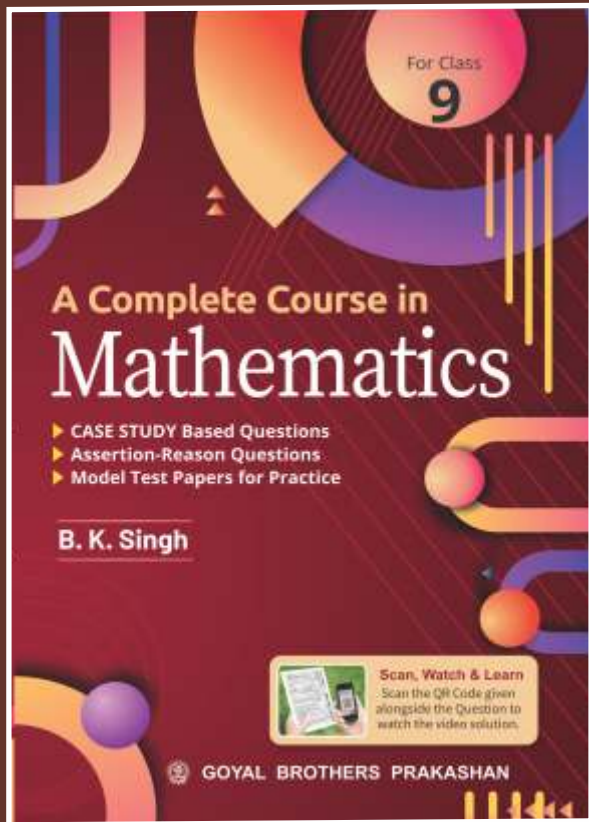


• B. K. Singh

The revised edition of the books entitled **A Complete Course in Mathematics** for **Classes 9 and 10** has been written strictly according to the latest **National Education Policy (NEP) 2020** and syllabus & examination pattern prescribed by CBSE, New Delhi.

### Salient features of these books are :

- ✕ The text (**Definitions, Concepts, Theorems**, etc.) has been explained systematically and logically by giving ample number of **Solved Examples** and **Exercises**.
- ✕ All the **difficult questions** (from **NCERT, NCERT Exemplar** and other **parallel books**) have been either solved or provided with the **Hints**.
- ✕ **Author's Tip** to highlight important points have been given.
- ✕ **Handy Hints**, wherever required, have been incorporated.
- ✕ **Suggestive categorisation of questions as Basic and Standard**, to fulfill the requirement of the latest examination pattern of CBSE, has been given. (**For class 10**)
- ✕ **Questions from Past Years' CBSE Papers** have been incorporated appropriately. (**For class 10**)
- ✕ **Multiple Choice Questions (MCQs)** have been added for better understanding of the lesson.
- ✕ **Synopsis** to recapitulate the main concepts learnt in the chapter has been given.
- ✕ **Chapter-wise two Self Evaluation Tests**—one for **Basic Level** and other for **Standard Level** have been given to revise the whole chapter at one go. (**For class 10**)
- ✕ **Chapter-wise Case Study Based Questions** have been given.
- ✕ **Video Lectures** (through QR codes) by the author provide the solutions of difficult questions.



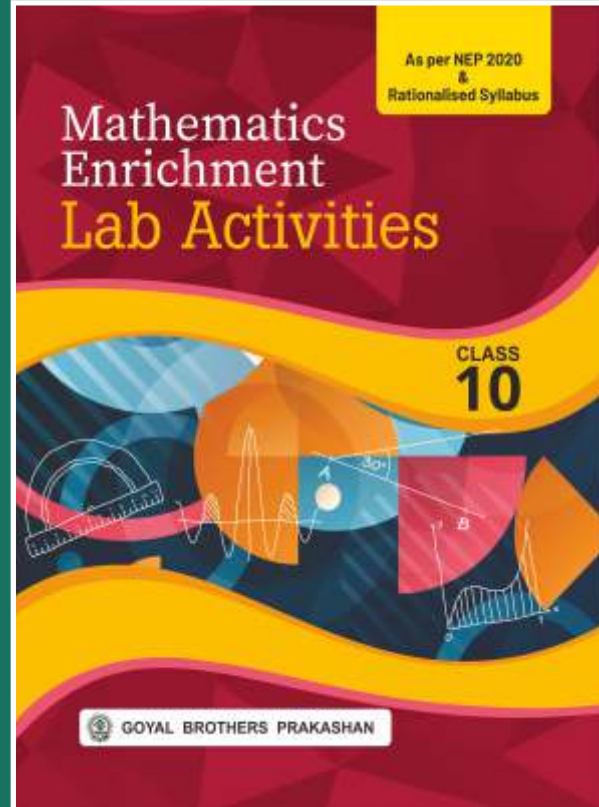
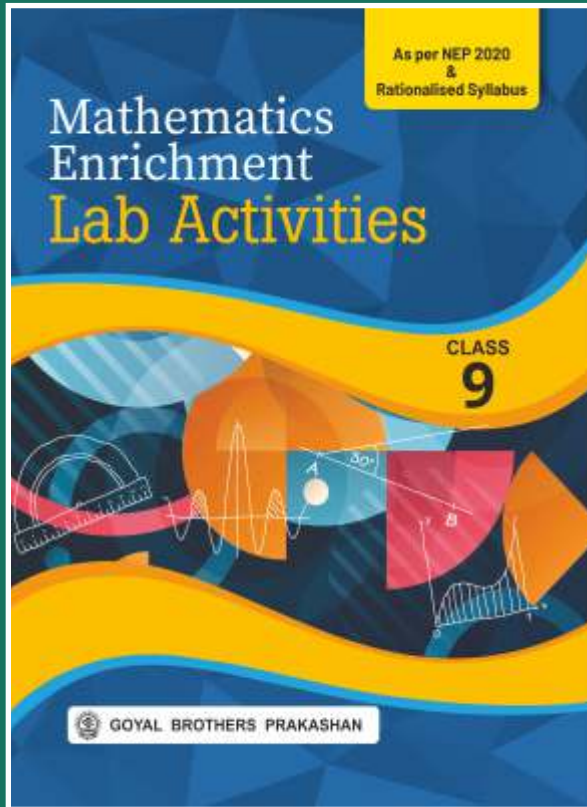
• S. N. Sharma • R. S. Dhauni

The series of books entitled **Mathematics Enrichment Lab Activities** for **Classes 9 and 10** has been developed in strict accordance with the latest **National Education Policy (NEP) 2020** and syllabus prescribed by the Central Board of Secondary Education, New Delhi.

While preparing these books, guidelines of the Remodelled Scheme of Assessment has been taken care of. As per this scheme, 5 marks (out of 100) have been allotted to subject Enrichment Activities. Also, the activities/projects given in these books are based on the activities/projects given in the CBSE/NCERT books. The main objective of these activities is to make the teaching-learning process of Mathematics interesting, enjoyable and result-oriented. The Central Board of Secondary Education (CBSE) also suggests that the learning of Mathematics should be activity-oriented and every school must have a Mathematics laboratory to fulfill the above objective.

### Salient features of the books :

- ✦ Strictly as per the **guidelines given by CBSE**.
- ✦ **Student-friendly layout** and **multi-colour illustrations** to create interest in the subject.
- ✦ **Language** used in Activities/Projects is **simple and easy** to understand.
- ✦ **Detailed step-by-step explanation** to perform the activities.
- ✦ Activities/Projects given in CBSE/NCERT Books have been given and elaborated.
- ✦ Ample number of blank sheets for the students to record their work.

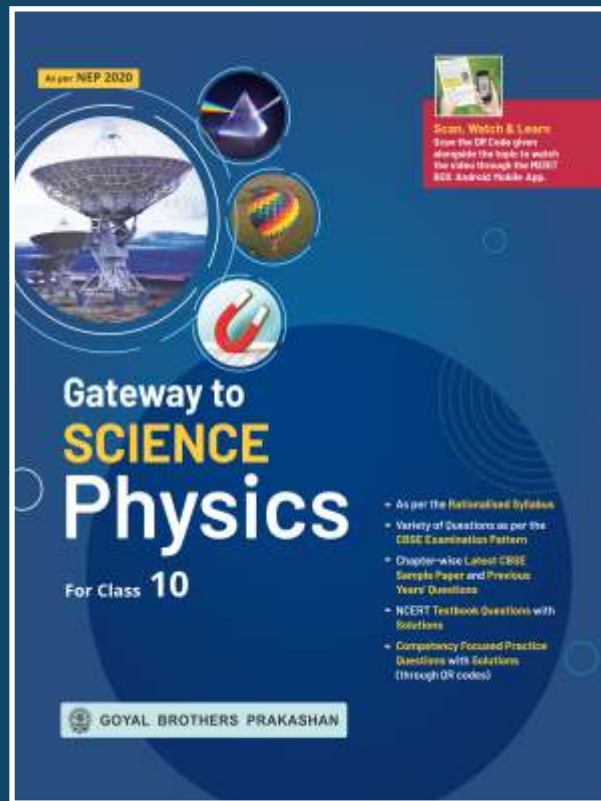
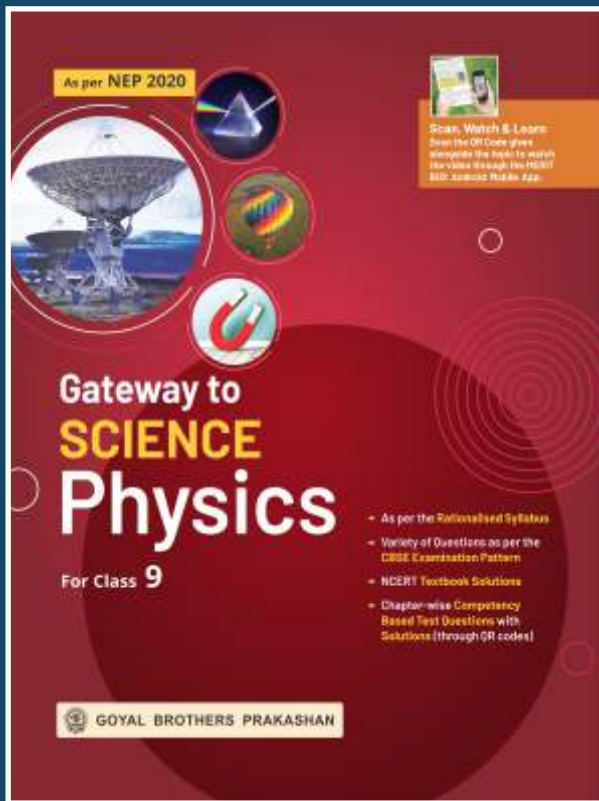


• Dr Vinod Goel

**Gateway to Science—Physics for Classes 9 and 10** has been written strictly according to the latest syllabus & examination pattern prescribed by the CBSE and Textbook of NCERT, New Delhi. While preparing the books, our aim has been to promote understanding of the basic principles of Physics and at the same time, retain the excitement of the students. These books have been created following guidelines of **NEP 2020**.

**Salient features of these books are :**

- ✦ Strictly according to the latest CBSE syllabus, examination pattern and NCERT Textbook.
- ✦ Clear, simple and unambiguous language.
- ✦ **Labelled diagrams** and **detailed illustrations** to further clarify the concept.
- ✦ **Concepts** supplemented by suitable **day-to-day examples**.
- ✦ Topic-wise **video lectures** as a support for effective learning.
- ✦ **Specimen problems with their solutions** as per the examination pattern.
- ✦ Interesting and informative text under **Do you know?**
- ✦ Well-designed **exercises** to assess conceptual, reasoning, skill and application-based learning as per the latest recommendations of the CBSE board.
- ✦ **Previous years' Board Examination Questions**, included under the chapter-wise exercises. (For class 10)
- ✦ Questions of the latest **CBSE Sample Paper** added under the chapter-wise exercises.
- ✦ **Highlighted important terms and definitions** (class 9)
- ✦ **Quick Recap** and **Formulae Tips** at the end of each chapter as it's brief summary of the concepts learnt in the chapter (class 9).



# GATEWAY TO SCIENCE — CHEMISTRY

**Gateway to Science—Chemistry** for **Classes 9 and 10** has been written strictly according to the latest syllabus and examination pattern prescribed by the Central Board of Secondary Education (CBSE). While preparing the books, our aim has been to promote understanding of the basic principles of chemistry, and at the same time, retain the excitement of the students. These books have been created following the guidelines of **NEP 2020**.

## Salient features of these books are :

- ✦ Strictly according to the **latest CBSE syllabus, examination pattern and NCERT Textbook**.
- ✦ Interesting and informative text under '**Did You Know?**'
- ✦ Topic-wise **video lectures** as a support for effective learning.
- ✦ **Sample Problems** with their solutions as asked in the examination.
- ✦ A large number of **chemical reactions** described along with experimental observations (class 10).
- ✦ **Key Points** at the end of each chapter.
- ✦ Well-designed **exercises** to assess conceptual, reasoning, skill and application-based learning as per the latest recommendations of the CBSE board.
- ✦ **Periodic Table** showing mass number and atomic number (class 10)
- ✦ Previous Years' Board Examination Questions are included in the exercise section. (For class 10)
- ✦ Comprehensive questions for each chapter are categorised into:
  - Multiple-choice questions
  - Very short answer type questions
  - Long answer type questions
  - Higher Order Thinking Skills (HOTS) questions
  - Assertion-Reason type questions
  - Short answer type questions
  - Passage and case study based questions
- ✦ **Labelled diagrams** and detailed illustrations.
- ✦ Concepts supplemented by relevant **day-to-day examples** and **hands on experiments**.

As per NEP 2020



Scan, Watch & Learn  
Scan the QR Code given  
elsewhere in the book to watch  
the video through the MERIT  
BOX Android Mobile App.

# Gateway to SCIENCE Chemistry

For Class 9

- As per the Rationalised Syllabus
- Variety of Questions as per the CBSE Examination Pattern
- NCERT Textbook Solutions
- Chapter-wise Competency Based Test Questions with Solutions (through QR codes)



GOYAL BROTHERS PRAKASHAN

As per NEP 2020



Scan, Watch & Learn  
Scan the QR Code given  
elsewhere in the book to watch  
the video through the MERIT  
BOX Android Mobile App.

# Gateway to SCIENCE Chemistry

For Class 10

- As per the Rationalised Syllabus
- Variety of Questions as per the CBSE Examination Pattern
- Chapter-wise Latest CBSE Sample Paper and Previous Years' Questions
- NCERT Textbook Questions with Solutions
- Competency Focused Practice Questions with Solutions (through QR codes)



GOYAL BROTHERS PRAKASHAN

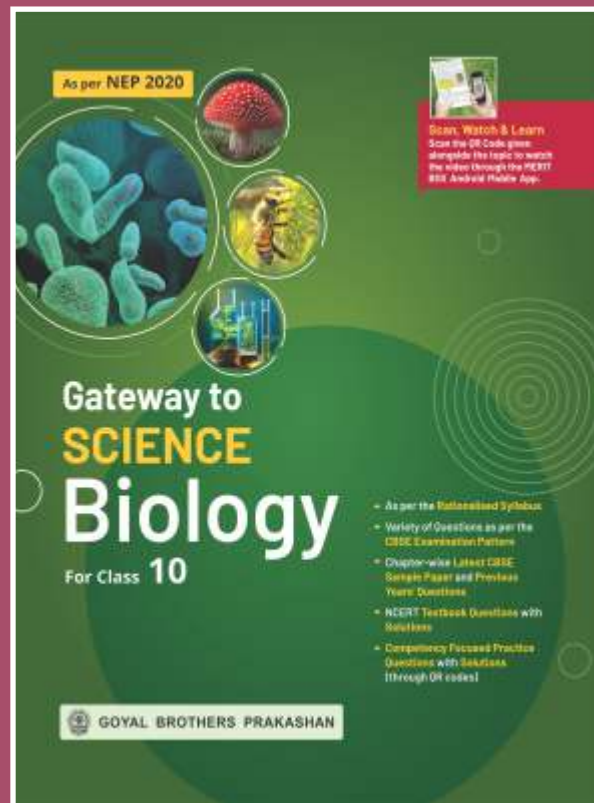


• Dr Preeti Saxena

**Gateway to Science—Biology for Classes 9 and 10** has been written strictly according to the latest syllabus and examination pattern prescribed by the Central Board of Secondary Education (CBSE). While preparing these books, our aim has been to promote understanding of the basic principles of biology, and at the same time, retain the excitement of the students. These books have been created following the guidelines of **NEP 2020**.

### Salient features of these books are :

- ✦ Strictly according to the latest **CBSE syllabus, examination pattern** and **NCERT Textbook**.
- ✦ Chapter-wise **competency based questions**
- ✦ **Glossary, vocabulary section** comprising of definition of important terms given in the chapter.
- ✦ Interesting information given under **'You Must Know'**.
- ✦ Simple Hands-on experiments under **'Activity'** to show the fun aspect of learning.
- ✦ Topic-wise **video lectures** as a support for effective learning.
- ✦ **Sample Problems** with their solutions as asked in the examination.
- ✦ Well-designed **exercises** to assess conceptual & reasoning based skills and application-based learning as per the latest recommendations of the CBSE board.
- ✦ Glossary comprising the definitions of important terms is given at the end of books.
- ✦ Comprehensive questions for each chapter are categorised into:
  - Multiple-choice questions
  - Very short answer type questions
  - Long answer type questions
  - Case study based questions
  - Assertion and Reason type questions
  - Short answer type questions
  - Higher Order Thinking Skills (HOTS) questions



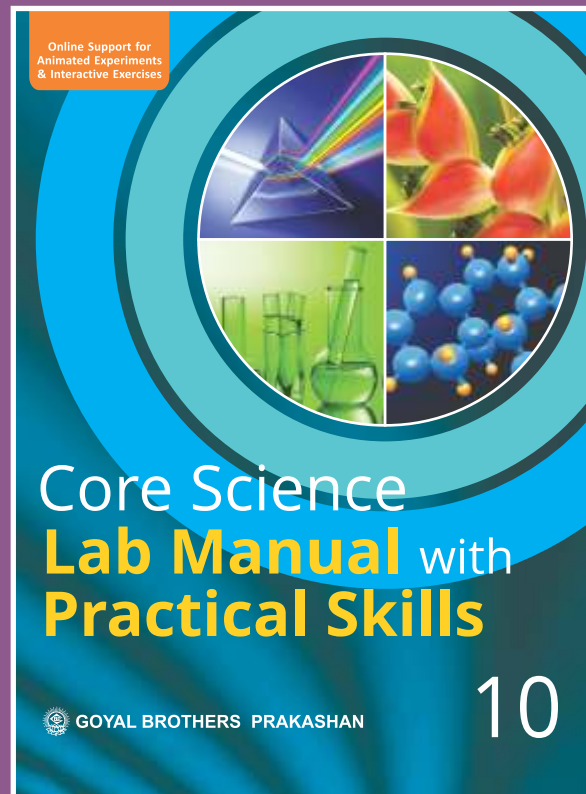
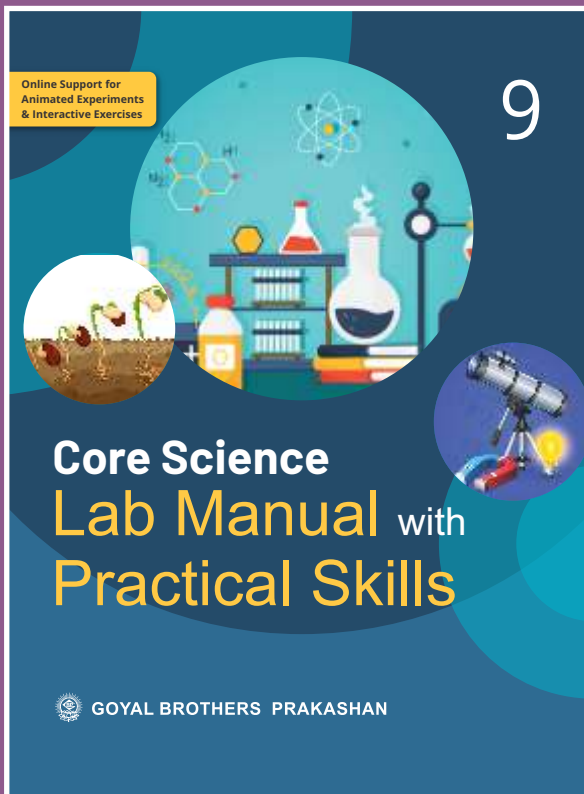
# CORE SCIENCE LAB MANUAL WITH PRACTICAL SKILLS for Classes 9 and 10

• V. K. Sally • Chhaya Srivastava

The revised edition of '**Core Science Lab Manual with Practical Skills**' for **Classes 9 and 10** has been thoroughly revised, keeping in view the latest syllabus prescribed by the CBSE., New Delhi. These books have been created following the guidelines of **NEP 2020**.

## Salient features of these books are :

- ✦ Based on the latest CBSE Syllabus.
- ✦ **Basic concepts** are clearly explained before each experiment.
- ✦ Online support for **Animated Experiments** and **Interactive exercise** are given for effective learning.
- ✦ **Apparatus/Chemicals required** to carry out the experiments are clearly mentioned.
- ✦ **Instructions** and detailed procedure have been given, so that the students can easily perform the experiments.
- ✦ Stress has been laid on **diagrams**, which are properly labelled
- ✦ Detailed observations and calculations are given, so that students do not experience any difficulty in maintaining practical record books.
- ✦ **Precautions and Sources of Errors** are given at the end of each experiment.
- ✦ **Relevant questions with answers** are given under the heading **Viva-Voce** for each experiment.
- ✦ Suggestions are given for the teachers to modify the experiments, if there is a need to do so.
- ✦ **Practical Based Questions** have been given along with answers, at the end of each experiment.
- ✦ **Previous Years' Solved CBSE Examination Questions** based on practicals have been included. (For class 10)

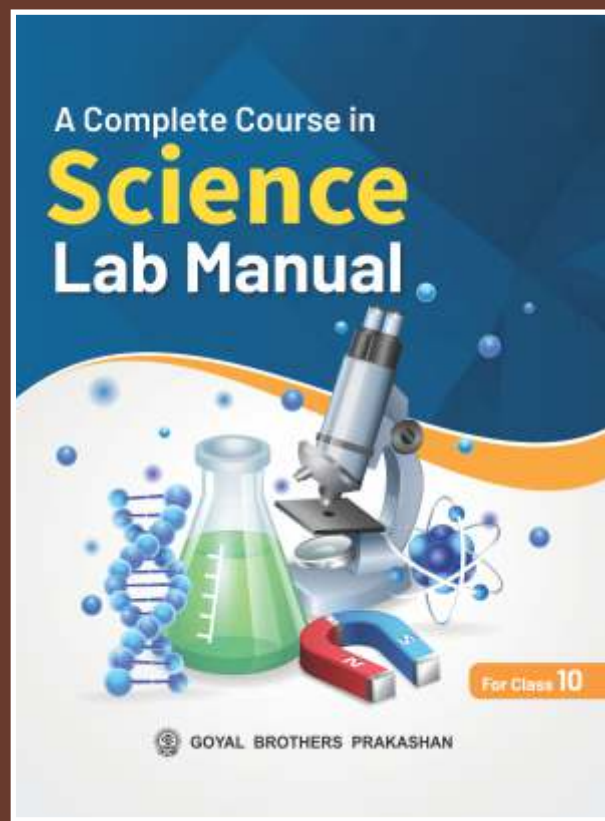
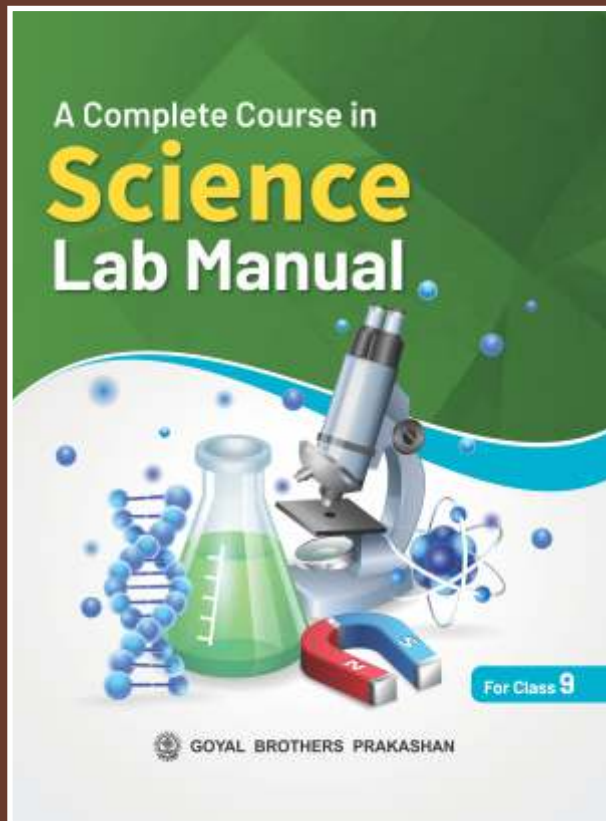


• V. K. Sally • Chhaya Srivastava

The revised edition of '**A Complete Course in Science Lab Manual**' for **Classes 9 and 10** has been thoroughly revised, keeping in view the latest syllabus prescribed by the CBSE., New Delhi. These books have been created following the guidelines of **NEP 2020**.

### Salient features of these books are :

- ✦ Based on the latest CBSE Syllabus.
- ✦ **Basic concepts** are clearly explained before each experiment.
- ✦ **Apparatus/Chemicals required** to carry out the experiments are clearly mentioned.
- ✦ **Instructions** have been given, so that the students can easily perform the experiments.
- ✦ Stress has been laid on **diagrams**, which are properly labelled.
- ✦ Detailed observations and calculations are given, so that students do not experience any difficulty in maintaining practical record books.
- ✦ **Precautions and Sources of Errors** are given at the end of each experiment.
- ✦ Suggestions are given for the teachers to modify the experiments, if there is a need to do so.
- ✦ **Relevant questions with answers** are given under the heading **Viva-Voce** for each experiment.
- ✦ **Practical Based Questions** have been given along with answers, at the end of each experiment.

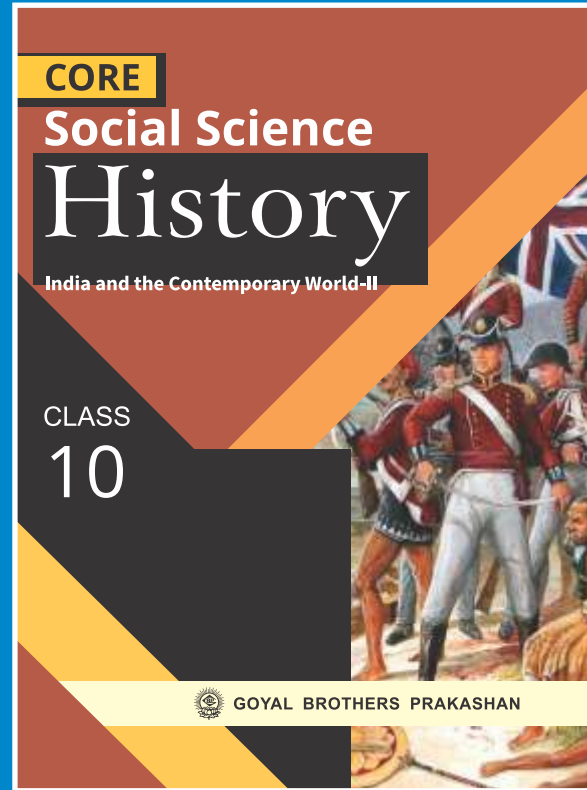
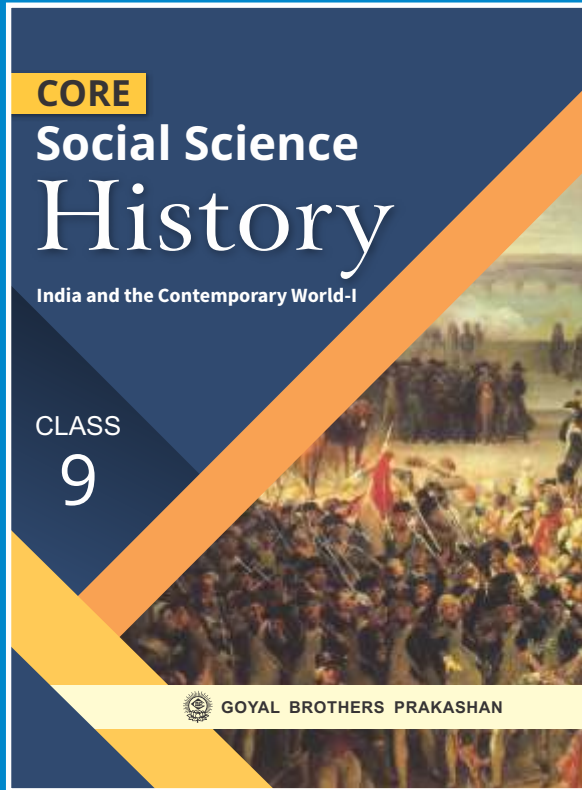


• Arun Kumar • Anu Priya

**Core Social Science — History for Classes 9 and 10** has been revised strictly according to the latest syllabus and examination pattern prescribed by the CBSE and the latest NCERT book (India and the Contemporary World-I and India and the contemporary world-II) as per **NEP 2020**.

### Salient features of these books are :

- ✦ The text matter is narrative as well as critical and extensively cover all the topics for the Board Examination.
- ✦ **Simple, lucid, learner-friendly approach** has been adopted to make the lessons interesting and easy to understand.
- ✦ The lessons are designed to help the learners to develop the skills of **comprehension, evaluation** and an **ability to analyse** the given matter.
- ✦ While discussing the themes, the text has been supplemented by **illustrations, images, cartoons, maps, assertion-reasons, case studies** and **extracts from a variety of original sources, official reports**, etc.
- ✦ Interesting and extra information has been added in the form of **Excerpts** and **Did You Know**.
- ✦ Each topic in the lesson is followed by **Let's Recapitulate** (a quick revision of important points), **Glossary** (important terms and concepts have been explained) and **Check Your Understanding** (questions for evaluation).
- ✦ Exercises at the end of every chapter have been designed as per the latest pattern of questions asked in the CBSE Board Examination. These contain **Objective Type Questions** (MCQ, Fill in the blanks, Matching, correct the following statements, picture based questions, etc.), and **Subjective Type Questions** (very short, short and long answer type questions).



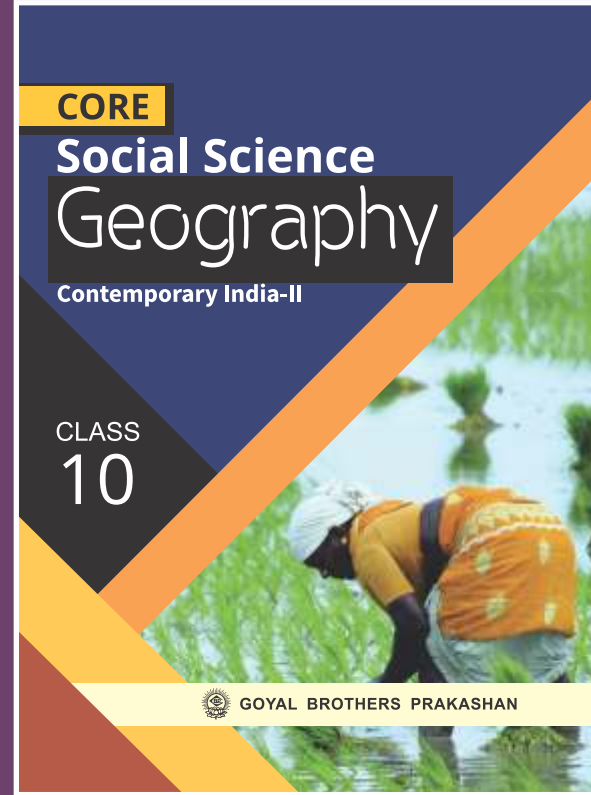
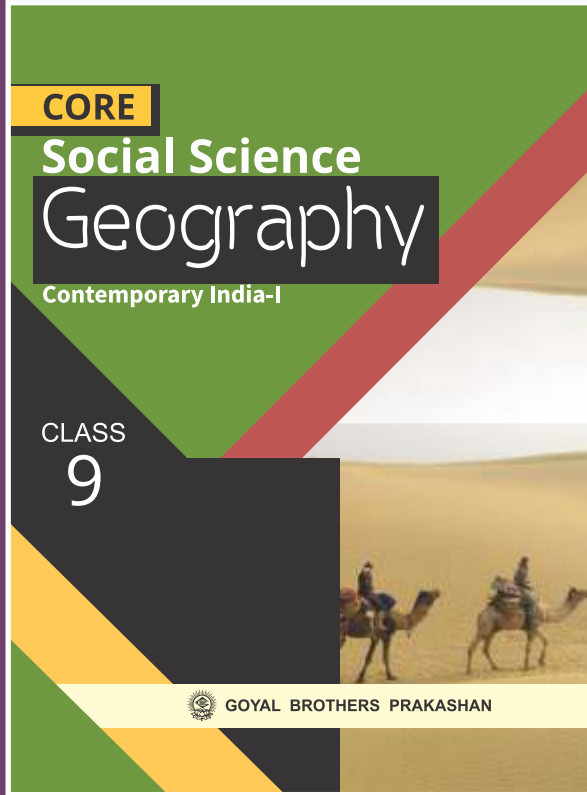


• Manju Goel • Arun Kumar • Sabir Hussain

**Core Social Science — Geography for Classes 9 and 10** has been revised strictly according to the latest syllabus and examination pattern prescribed by the CBSE and the latest NCERT book (Contemporary India-I and Contemporary India-II) as per **NEP 2020**.

### Salient features of these books are :

- ✦ The text matter is narrative as well as critical and extensively cover all the topics.
- ✦ **Simple, lucid, learner-friendly approach** has been adopted to make the lessons interesting and easy to understand.
- ✦ The lessons are designed to help the learners **develop the skills of comprehension, evaluation and an ability to analyse the given matter**.
- ✦ While discussing the themes, the text has been supplemented by **illustrations, images, maps, assertion-reason, case studies** and **extracts** from a variety of sources.
- ✦ Interesting and extra information has been added in the form of boxes and **Did You Know**.
- ✦ Each topic in the lesson is followed by **Let's Recapitulate** (a quick revision of important points), **Glossary** (explanation of important terms and concepts), **Check Your Understanding** (questions for evaluation).
- ✦ Exercises at the end of every chapter have been designed as per the latest pattern of questions prescribed by the CBSE. These contain **Objective Type Questions** (MCQs, fill in the blanks, matching, correct the following statements etc) as well as **Subjective Type Questions** (very short, short and long answer type questions).

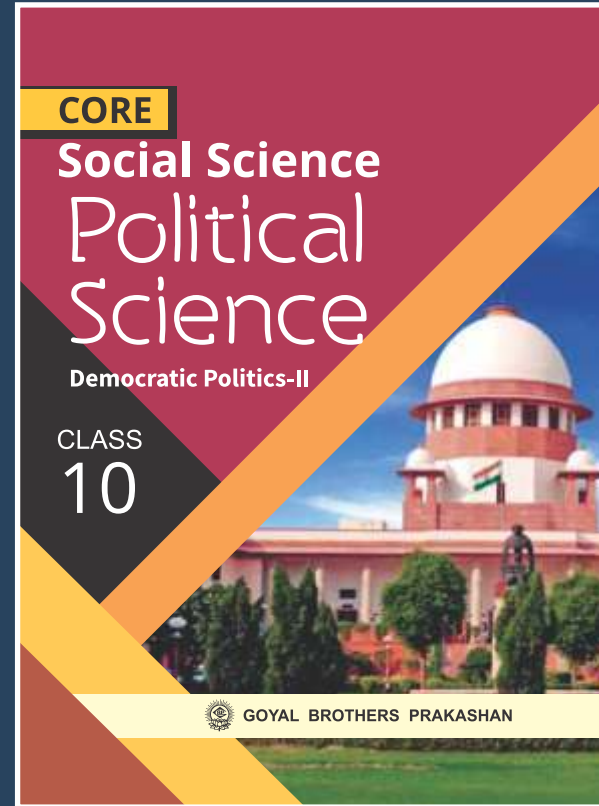


• A. Kumar • S. Jha

**Core Social Science — Political Science** for **Classes 9 and 10** has been revised strictly according to the latest syllabus and examination pattern prescribed by the CBSE and the latest NCERT book (Democratic Politics-I and Democratics-II) as per **NEP 2020**.

### Salient features of these books are :

- ✦ The text matter is narrative as well as critical and extensively cover all the topics.
- ✦ **Simple, lucid, learner-friendly approach** has been adopted to make the lessons interesting and easy to understand.
- ✦ The lessons are designed to help the learners to develop the skills **of comprehension, evaluation and an ability to analyse** the given matter.
- ✦ While discussing the themes, the text has been supplemented by **illustrations, images, cartoons, maps, assertion-reasons, case studies** and **extracts from a variety of original sources, official reports**, etc.
- ✦ Interesting and extra information has been added in the form of **Excerpts** and **Did You Know**.
- ✦ Each topic in the lesson is followed by **Let's Recapitulate** (a quick revision of important points), **Glossary** (important terms and concepts have been explained) and **Check Your Understanding** (questions for evaluation).
- ✦ Exercises at the end of every chapter have been designed as per the latest pattern of questions prescribed by the CBSE. These contain **Objective Type Questions** (MCQ, fill in the blanks, matching, correct the following statements), and **Subjective Type Questions** (very short, short and long answer type questions).

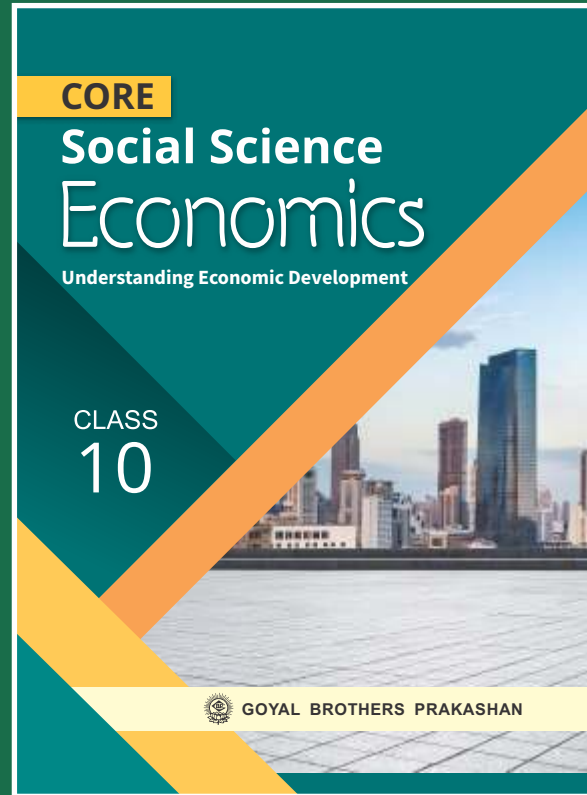


• J. P. Goel • Mrs. Kaushal Goel

**Core Social Science – Economics for Classes 9 and 10** has been revised strictly according to the latest syllabus and examination pattern prescribed by the CBSE and the latest NCERT book (Understanding Economics Development) as per **NEP 2020**.

### Salient features of these books are :

- ✦ The **text matter is narrative as well as critical and extensively covers all the topics**.
- ✦ **Simple, lucid, learner-friendly approach** has been adopted to make the lessons interesting and easy to understand.
- ✦ The lessons are designed to help the learners to **comprehend, evaluate and analyse** the matter given in an easy manner.
- ✦ While discussing the themes, the text has been supplemented by **pictures, graphs, data based tables, pie charts, flow charts, tabular & pictorial representation of data, examples and case studies from a variety of sources** wherever required.
- ✦ Interesting and extra information, life facts, important matter have been added in boxes.
- ✦ Each topic in the lesson is followed by **Let's Recapitulate** (for quick revision of important points), **Glossary** (important terms and concepts have been explained) and **Check Your Understanding** (questions for evaluation).
- ✦ Exercises at the end of every chapter have been designed as per the latest pattern of questions prescribed by the CBSE. These contain **Objective Type Questions** (MCQ, fill in the blanks, match the following, arranging in correct sequence, assertion and reasoning, find the correct option, etc.) with their answers and **Subjective Type Questions** (very short, short and long answer type questions).



• Tinku Bhattacharjee

**Core Geography Map Workbooks** for **Classes 9 and 10** have been prepared as per the latest syllabus prescribed by the Central Board of Secondary Education, New Delhi on the guidelines laid by **NEP 2020**.

These books introduce the students to a world of maps and teach them to read, interpret, locate, and mark places, physical features, and divisions, both physical and political, on the outline maps available for them in the map book.

### Salient features of these books are :

- ✦ Based on **Contemporary India-I** and **Contemporary India-II** (published by NCERT).
- ✦ Contain **clear and large maps** that can be easily read and interpreted.
- ✦ **Practice maps** are provided with every map in the book.
- ✦ Each map has a story, i.e. complete information about each map is provided as a comprehensive text with it.
- ✦ Contains all the topics prescribed in the latest NCERT textbooks.
- ✦ Pinpoints all relevant locations.
- ✦ Helps to sharpen map **reading and marking skills**.
- ✦ '**Interpreting Maps**' given at the end of the book suggest activities and provides information that will help students to read and interpret maps on their own.

# Core Geography MAP WORKBOOK

For Class IX

- Contemporary India - 1



GOYAL BROTHERS PRAKASHAN

# Core GEOGRAPHY MAP WORKBOOK

For Class X

- Contemporary India – II



Based on the latest C.B.S.E., New Delhi syllabi



GOYAL BROTHERS PRAKASHAN



• Vinita Kumar • Mrs. I. L. Wanchoo

'Core History Map Workbook' for **Classes 9 and 10** have been prepared as per the latest syllabus prescribed by CBSE, New Delhi, under the guidelines laid by **NEP 2020**.

Maps are an important reference tool for a student of history. They help the pupils to comprehend the causes and after-effects of events and processes that have shaped the history of the contemporary world.

Our book, '**Core History Map Workbook**', initiates the students to a world of maps and teaches them to read, interpret, locate and mark places on outline maps available for them in the map workbook. It also helps them to understand important concepts and terms used for map reading and marking.

### Salient features of the books are :

- ✦ Based on **India and the Contemporary World - I and II** (published by NCERT).
- ✦ Contains clear and large maps which can be easily read and interpreted.
- ✦ **Practice maps** are provided with every map of the book.
- ✦ Each map has a story, i.e., complete information about each map is provided as a comprehensive text with it.
- ✦ Contains all the topics prescribed in the latest NCERT syllabus.
- ✦ Pinpoints **all relevant locations**.
- ✦ Helps to **sharpen map reading** and **marking skills**.

Core History

# MAP WORKBOOK

For Class  
IX

• India and the Contemporary World-I



GOYAL BROTHERS PRAKASHAN

Core

# HISTORY MAP WORKBOOK

For Class X

• India and the Contemporary World – II



Based on the latest C.B.S.E., New Delhi syllabi



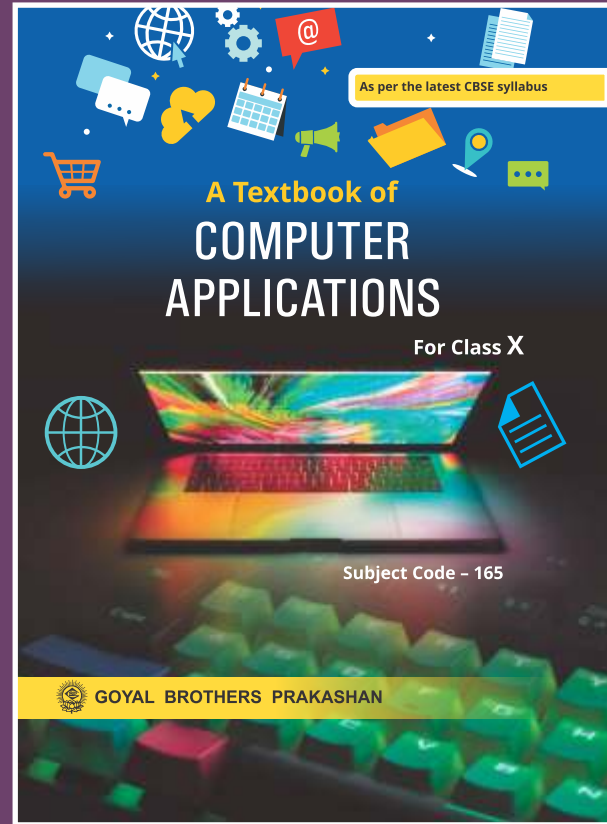
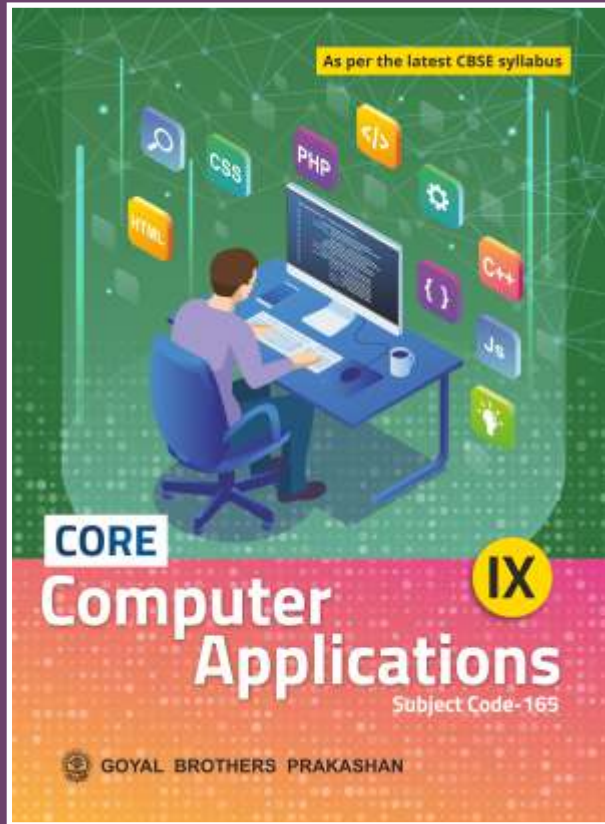
GOYAL BROTHERS PRAKASHAN

• Sayan Banerjee • Rashi Bansal

The series **Textbooks of Computer Applications** for **classes 9 and 10** consists of chapters related to the Internet, HTML as the language of the web pages, discussion of cyber ethics and programming concepts through tools like **Scratch 2 and Python 3.7.1**. This series has been developed as per the latest guidelines of **NEP 2020**.

### Salient features of the books are :

- ✦ **Chapter Outlines:** Gives the important topics that come up in teaching of the chapter.
- ✦ **Definition:** Defines some important terms related to the current topic.
- ✦ **Do You Know:** Provides some extra information that might be of interest to the students.
- ✦ **Know More:** Gives some extra guidance for the young minds.
- ✦ **Top Tip:** Gives important shortcuts that will help in running the software.
- ✦ **Fact:** Gives some historical fact related to the ongoing material of the chapter.
- ✦ **Remember:** Gives some important idea about the current topic.
- ✦ **Checkpoint:** Tests the student's understanding of the learned topic through Multiple choice questions, Fill in the blanks, State whether True or False or Very short answer questions.
- ✦ **Activity:** Teaches concepts to the students through hands-on approach.
- ✦ **Value Words:** Stands out some important words with their definition as given in the chapter.
- ✦ **Let's Recall:** Gives a brief summary of the topics being taught in the chapter.
- ✦ **Question Bank:** Includes previous year questions with their corresponding answers.

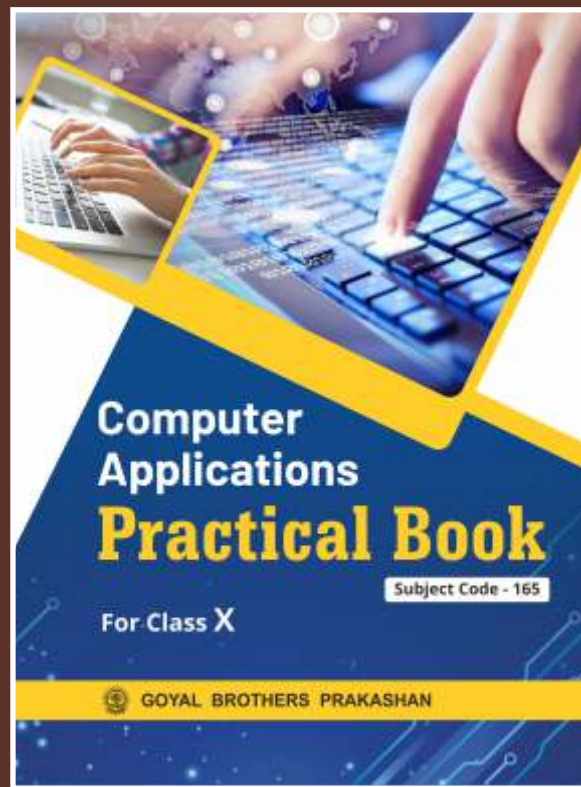
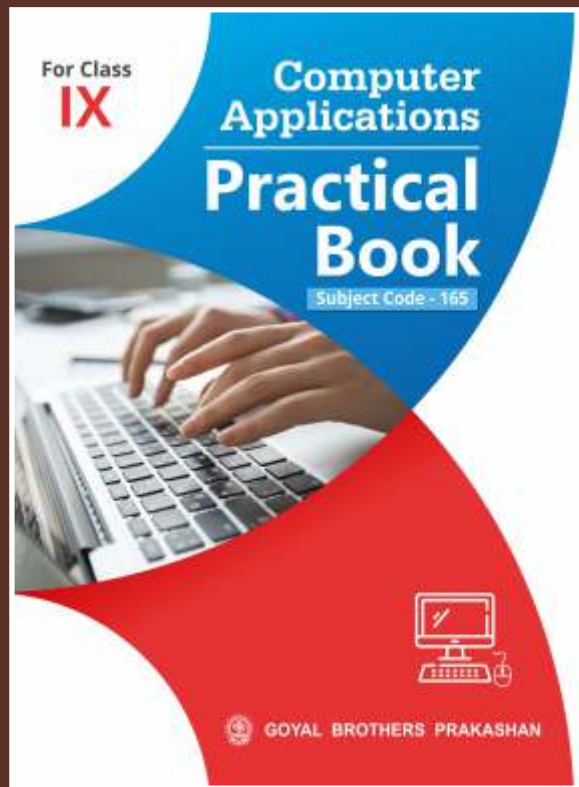


• Sayan Banerjee • Rashi Bansal

The Practical books of the Computer Applications course for Classes 9 and 10 are strictly in accordance with the latest syllabus given by (NEP) 2020 and the Central Board of Secondary Education (CBSE), New Delhi. The practical part covers 50 marks. From this, you can conclude that practical part is very important for getting a good final grade in school exams. Based on the syllabus, we have divided these Practical books into three sections as discussed below.

### Salient features of the books are :

- ✦ **Lab Test:** This section tests the technical skills of the students based on the topic HTML.
- ✦ **Report File with Viva-Voce:** This section contains assignments from HTML. An ample number of examples have been included from these topics in the section. A total of 18 assignments have been included from within the aforementioned topics from the syllabus. There are 18 assignments from HTML. This section also contains **viva voce questions** related to each assignment. For each assignment in this section, four or five questions (along with their answers) have been included to test the student's knowledge of problem. This part consists of 20 marks out of the practical part.
- ✦ **Projects:** This section contains projects, related to Internet and HTML. There are three solved projects in this section. Apart from solved projects , 3 other unsolved projects have also been given. This part consists of 10 marks out of the practical part.



# Understanding NCERT

for Class 9

The series **Understanding NCERT** is developed in accordance to the rationalised syllabus published by the NCERT. This series follows the guidelines laid by **NEP 2020**.

## Salient features of this series:

- ▶ Based on the NCERT Textbooks
- ▶ Study Notes on each topic/sub-topic/activity with separate Video Explanation
- ▶ Comprehensive question bank based on the latest CBSE examination pattern  
Chapter-wise Practice Assignment (Unsolved)
- ▶ Comprehensive Explanation of every Intext question and exercises with separate video explanation
- ▶ Model Test Papers along with Video Explanation of each Question



# Understanding NCERT

for Class 10

The series **Understanding NCERT** is developed in accordance to the rationalised syllabus published by the NCERT. This series follows the guidelines laid by **NEP 2020**.

## Salient features of this series:

- ▶ Based on the NCERT Textbooks
- ▶ Study Notes on each topic/sub-topic/activity with separate Video Explanation
- ▶ Chapter-wise question bank based on the latest CBSE examination pattern
- ▶ Latest CBSE Sample Paper with Video Explanation of each Question
- ▶ Model Test Papers along with Video Explanation of each Question





• Sayan Banerjee • Swati Goel • Rashi Bansal • Prof. (Dr.) Shalini Verma

**A Textbook of Information Technology for Classes 9 and 10** (with Video Lectures) fulfils all the needs and requirements of the latest syllabus and examination pattern prescribed by the CBSE, aligned with the **NEP 2020**.

**These books are divided into two sections :**

- ✦ **Part A** deals with the **Employability Skills** with units names, **Communication Skills, Self-Management Skills, Basic ICT Skills, Entrepreneurial Skills** and **Green Skills**.
- ✦ **Part B** deals with **Subject Specific Skills** with units on **Digital Documentation, Electronic Spreadsheet, Database Management System** and **Maintain Healthy, Safe and Secure working Environment**. It has been given in three different software suites.

**The units from Part A and Part B has been divided into the following parts:**

- ✦ **Introduction:** It introduces you to the topic of the unit. It also tells you what you will learn through the various topics covered in the unit.
- ✦ **Sessions:** It contains relevant information on the session headings. The knowledge developed through sessions will enable you to perform certain activities.
- ✦ **Self Assessment:** At the end of all topics under a session heading, self assessment is given to evaluate the knowledge of the learners.
- ✦ **Exercises:** At the end of each unit, exercises are included to test the understanding of the matter read over the various topics. This section consists of **MCQ's, Short Answer Questions I & II, Long Answer Questions** and **Practical Work**.
- ✦ **Video Lectures** – Unit-wise and session-wise video lectures are given for these books.



Subject Code - 402

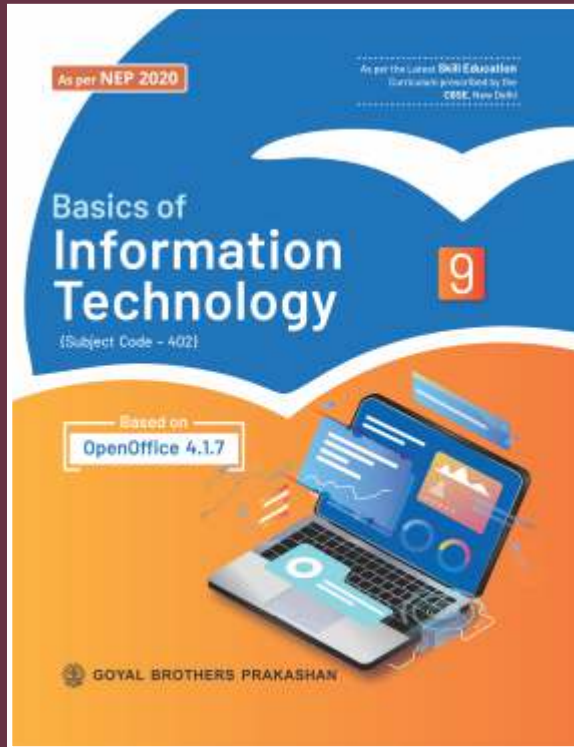
• Sayan Banerjee • Rashi Bansal • Swati Goel

### Based on OpenOffice

**Basics of Information Technology** for **Classes 9 and 10** fulfils all the needs and requirements of the latest syllabus released by the CBSE and it also comprises the recommendations of the National Education Policy 2020 which focusses on the development of critical thinking, life skills, problem solving skills, experiential learning, computational thinking, etc.

#### These books are divided into two sections :

- ✦ **Part A** deals with the **Employability Skills** with the unit names, **Communication Skills, Self-Management Skills, ICT Skills, Entrepreneurial Skills** and **Green Skills**.
- ✦ **Part B** deals with the **Subject Specific Skills** and it consists of four units. These units are **Digital Documentation, Electronic Spreadsheet, Database Management System** and **Maintain Healthy, Safe and Secure Working Environment** .
- ✦ The first three units of **Part B** are based on **OpenOffice** suite of software. The version of this application used is **OpenOffice 4.1.7**. The units of Part B respectively use the **Writer, Calc** and **Impress software**.
- ✦ **Video Lectures** – Unit-wise and session-wise video lectures are given for these books.



Subject Code - 402

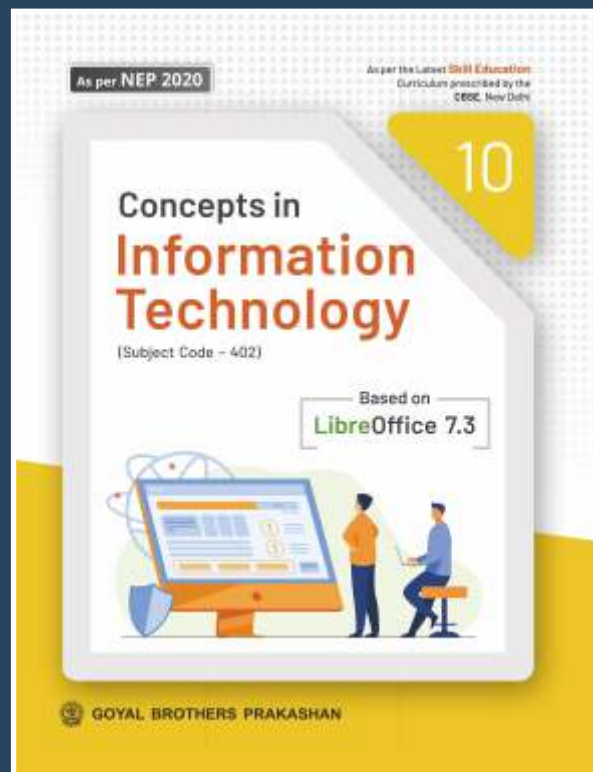
• Anju Gupta • Rashi Bansal • Sayan Banerjee • Swati Goel

### Based on LibreOffice

**Concepts in Information Technology** for **Classes 9 and 10** fulfils all the needs and requirements of the latest syllabus released by the CBSE and it also comprises the recommendations of the National Education Policy 2020 which focusses on the development of critical thinking, life skills, problem solving skills, experiential learning, etc.

**These books are divided into two sections :**

- ✦ **Part A** deals with the **Employability Skills** with unit names, **Communication Skills , Self-Management Skills, ICT Skills, Entrepreneurial Skills** and **Green Skills**.
- ✦ **Part B** deals with the **Subject Specific Skills** and it consists of four units. These units are **Digital Documentation, Electronic Spreadsheet, Database Management System** and **Maintain Healthy, Safe and Secure Working Environment**.
- ✦ The first three units of **Part B** are based on **LibreOffice** suite of software. The version of this application used is **LibreOffice 7.3**. These units of Part B respectively use the **Writer, Calc** and **Impress software**. In Class 10, an additional software, Base, is used.
- ✦ **Video Lectures** – Unit-wise and session-wise video lectures are given for these books.



Subject Code - 402

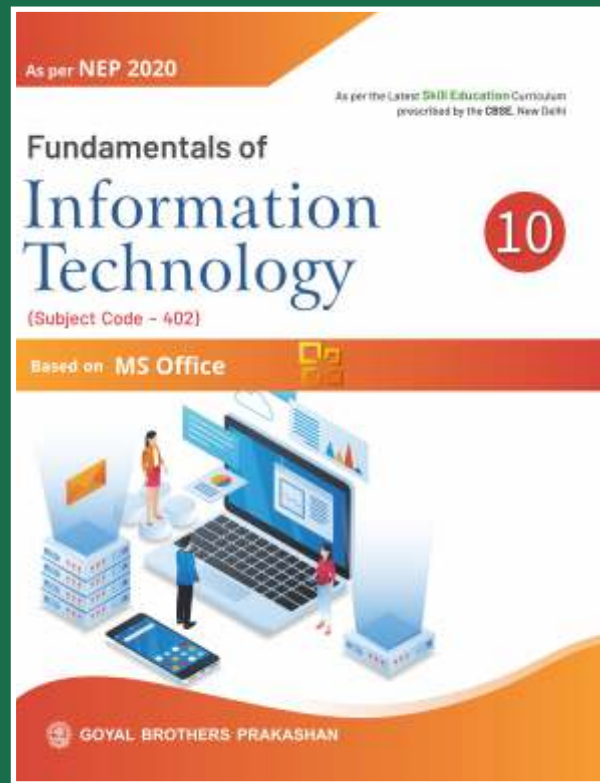
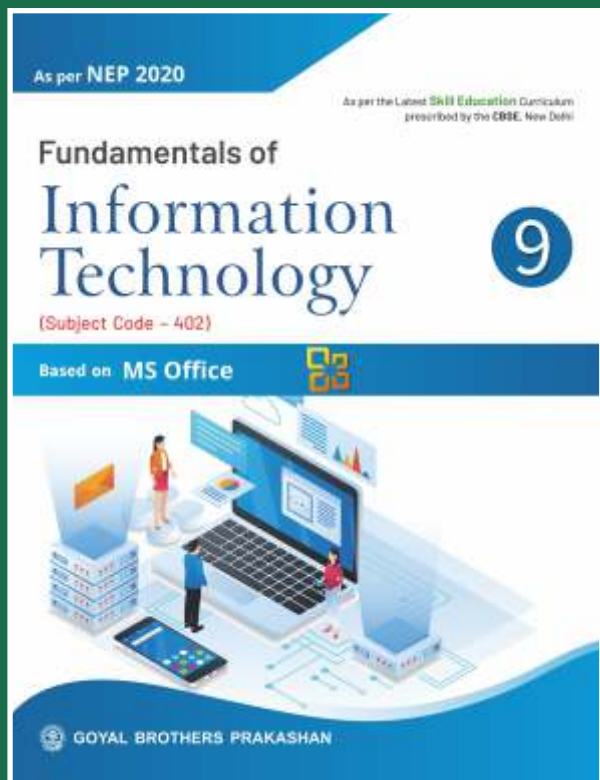
• Sayan Banerjee • Rashi Bansal • Swati Goel

### Based on MS Office

**Fundamentals of Information Technology** for **Classes 9 and 10** fulfils all the needs and requirements of the latest syllabus released by the CBSE and it also comprises the recommendations of the **National Education Policy 2020** which focusses on the development of critical thinking, life skills, problem solving skills, experiential learning, etc.

**These books are divided into two sections :**

- ✦ **Part A** deals with the **Employability Skills** with the unit names, **Communication Skills, Self-Management Skills, ICT Skills, Entrepreneurial Skills** and **Green Skills** .
- ✦ **Part B** deals with the **Subject Specific Skills** and it consists of four units. These units are **Digital Documentation, Electronic Spreadsheet, Database Management System and Maintain Healthy, Safe and Secure Working Environment**.
- ✦ The first three units of **Part B** are based on **MS Office** suite of software.
- ✦ **Video Lectures** – Unit-wise and session-wise video lectures are given for these books.



Subject Code - 402



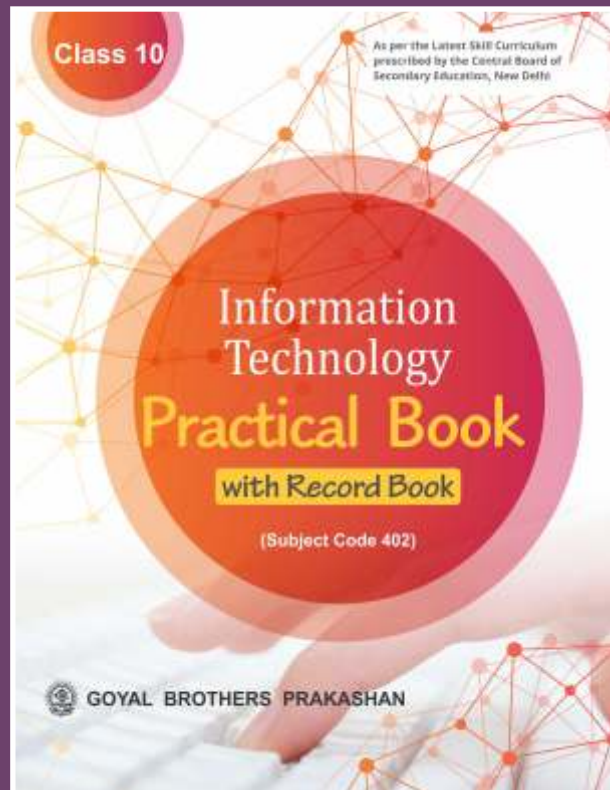
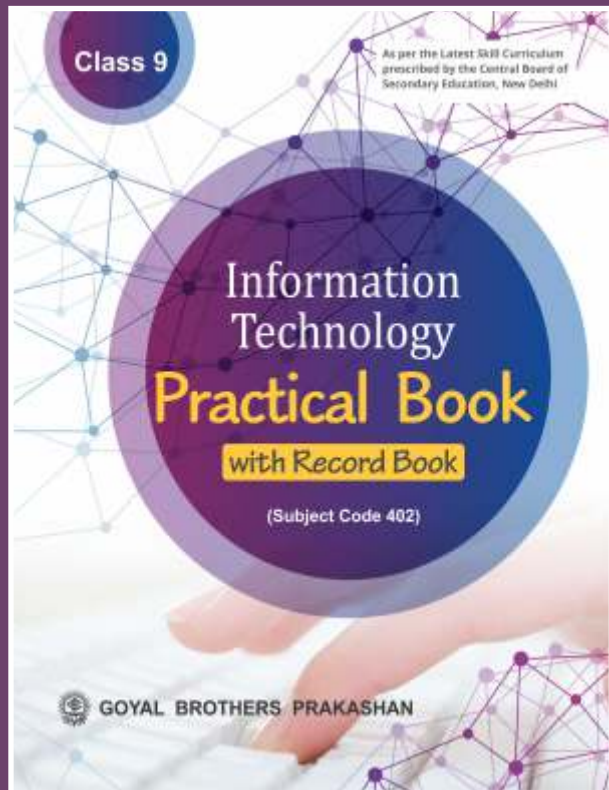
• Sayan Banerjee • Swati Goel • Rashi Bansal

The study of **Information Technology** for **Classes 9 and 10** at this level gives basic understanding of computer system and networking. These books are in accordance to **(NEP) 2020**. Practical work in this subject enables the learner to:

- ✦ Work on office tools such as word processor, spreadsheets and presentation software. These office tools are based on LibreOffice suite. Word processor is **LibreOffice Writer**, Spreadsheet is **LibreOffice Calc** and Presentation Software is **LibreOffice Impress**.
- ✦ Apply knowledge and practice on Office tools to develop IT applications.

**These books have been divided into two sections :**

- ✦ **Part C:** It contains practical work. This part is further divided into two parts. They are:
  - **C1** – Practical Examination with Viva-Voce: This section contains assignments for practical work. It has assignments from data entry and keyboarding skills, digital documentation, electronic spreadsheet and digital presentation.
  - **C2** – Written Tests: These are written tests based on the entire syllabus, i.e. **Employability Skills** and **Subject Specific Skills**. It allows learners to demonstrate that they have the knowledge and understanding of a given topic.
- ✦ **Part D:** It contains Project Work/Field Visit. This section is a great way to assess the practical skills on a certain time period of timeline. Teacher should periodically monitor the progress of the project and provide feedback for improvement and innovation. Field visits should be organised as a part of this project work.



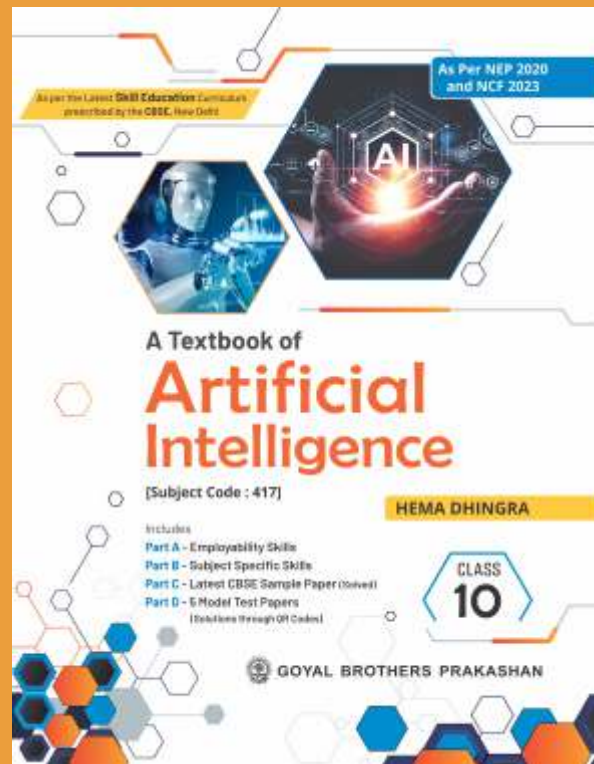
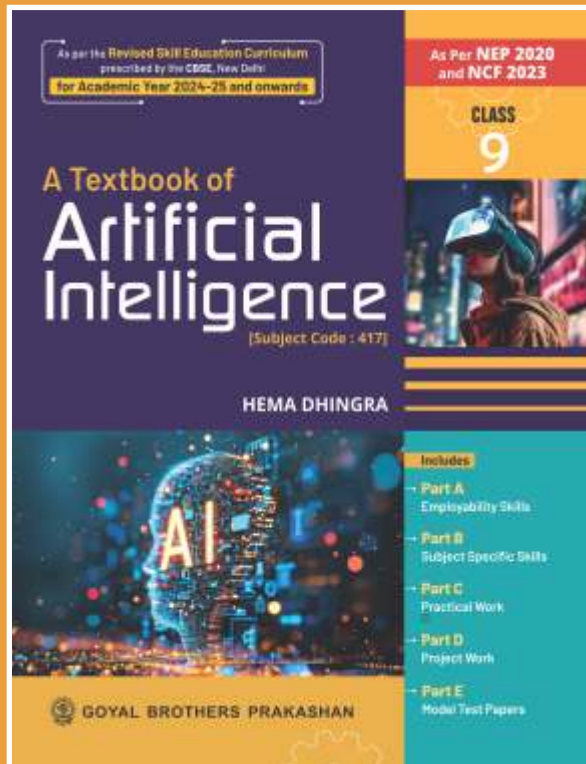
Subject Code - 402

• Hema Dhingra • Prof. (Dr.) Shalini Verma

**A Textbook of Artificial Intelligence** for **Classes 9 and 10** fulfils all the needs and requirements of the latest syllabus released by the CBSE and it also comprises the recommendations of the **National Education Policy 2020** which focusses on the development of critical thinking, life skills, problem solving skills, experiential learning, etc.

**These books are divided into two sections :**

- ✦ **Part A** deals with the **Employability Skills** with the chapters names, **Communication Skills, Self-Management Skills, ICT Skills, Entrepreneurial Skills** and **Green Skills**.
- ✦ **Part B** deals with the **Subject Specific Skills** and it consists of seven units. These chapters are **Introduction to Artificial Intelligence, AI Project Cycle, Advance Python, Data Science, Computer Vision, Natural Language Processing and Evaluation**.
- ✦ The exercises part is given at the end of each chapters. This consists of **MCQs, Fill in the blanks, Assertion/Reason Type, Competency Based** and **Answer the following questions**.
- ✦ The units are equipped with many facts in the form of **Know More** and **Did you Know**.
- ✦ A complete **Recap** is given at the end of each chapters for a thorough revision along with the explanation of the **Key Terms**.



Subject Code - 417

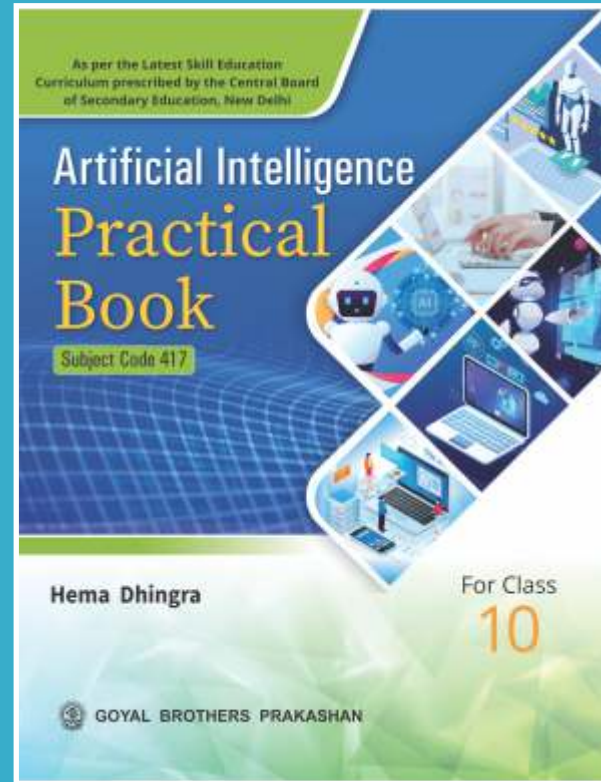
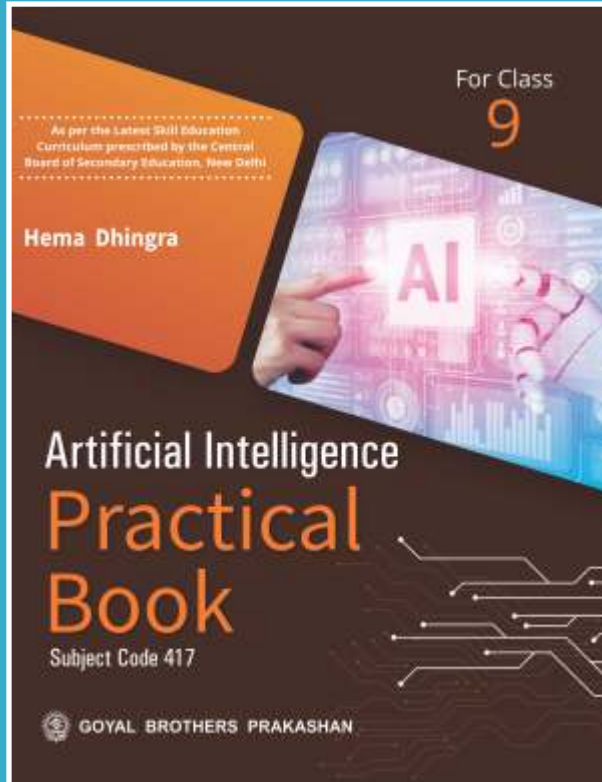
• Hema Dhingra

**Python** is the preferred programming language in most AI applications. This language has a short expression, and many complex problems can be solved in Python in just a few lines. The syllabus of the **Classes 9 and 10 AI curriculum** also lays down that Python be taught along with AI. So, the student must be well aware and skilled in Python. In particular, **Data Science and Computer Vision** are stated as project heads in the syllabus.

The CBSE has allotted a sizeable 50 marks out of 100 for the practical part alone. Keeping this in mind, and also the guidelines of **(NEP) 2020**, we have come out with the books, **Artificial Intelligence - Practical Books**.

**These books are divided into two sections :**

- ✦ In the **First Part** (known as **Part C**), various Python problems with solutions are given. The set of programs are very informative and will test the skills of the student. Additionally, some of the **Data Science** and **Computer Vision projects** are also covered in this part.
- ✦ **Part D** or the next part of the book contains other projects written entirely in Python.
- ✦ **AI Project cycle** is also another topic dealt with **Part D**. It has various stages of an AI Project, like Problem Scoping, Data acquisition, Data visualization/exploration and the Modelling stage.
- ✦ The final stage of the project, which is the evaluation, is covered in the next section.
- ✦ Evaluation stage has various metrics for a project like accuracy, recall, precision, F1 score and confusion matrix.



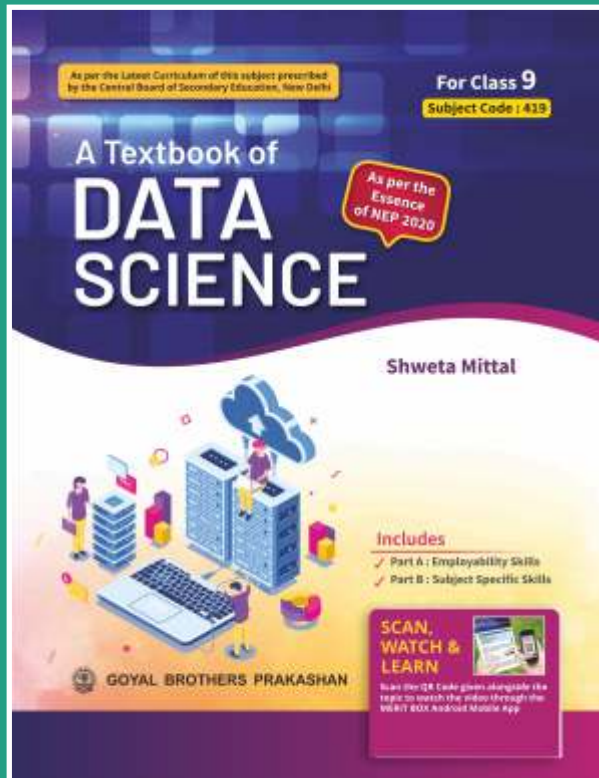
Subject Code - 417

• Shweta Mittal • Prof. (Dr.) Shalini Verma

**A Textbook of Data Science** for **Classes 9 and 10** is developed in accordance with the latest **(NEP) 2020** and syllabus prescribed by the CBSE. Each book covers all the aspects of understanding Data Science as mentioned in the syllabus. **Data Science** is one of the most popular emerging domains that will enable the learners to transform raw data into understanding, knowledge and insight. Data Science is revolutionising almost every industry and gaining popularity day by day. Data Science enables enterprises to measure, track and record performance metrics for facilitating decision-making. This field is widely used in various industry domains, including marketing, healthcare, finance, banking, policy work, etc. With its footprint in every industry, Data Science job demand is estimated to rise several-fold in the future. The importance of Data Science is growing with every coming day.

**These books are divided into two parts :**

- ✦ **Part A** consists of chapters on **Employability Skills**.
- ✦ **Part B** consists of **Subject Specific Skills** containing the fundamentals of **Data Science** related knowledge.
- ✦ Each book in the series gives the concepts in a very simple language with easy to understand examples adapted from day-to-day life.
- ✦ Relevant figures and additional information have been provided in the form of **Did You Know**.
- ✦ In the midst of the chapter, the students can assess themselves and challenge their understanding with the help of **Check Your Knowledge** and **Practical based activities**.
- ✦ At the end of every chapter, **Multiple-choice-questions, Fill in the blanks, True/False, Short and Long answer** as well as **Higher order thinking skills questions** are given.



Subject Code - 419

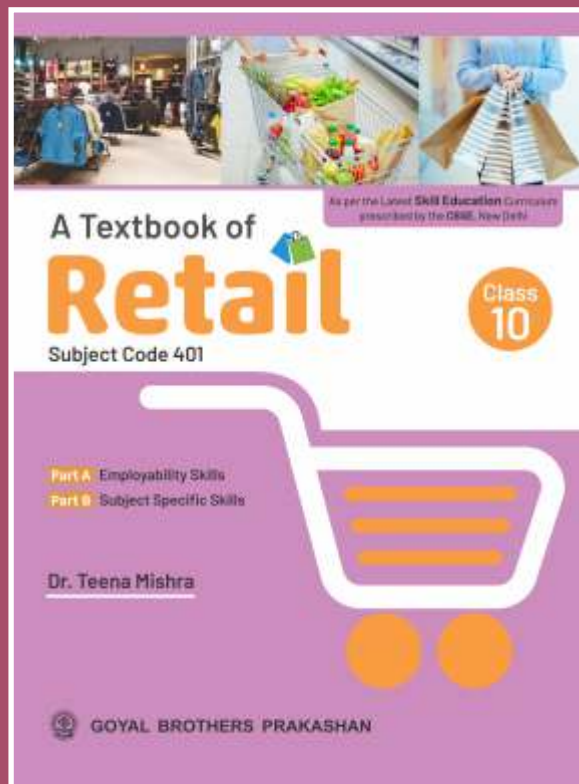
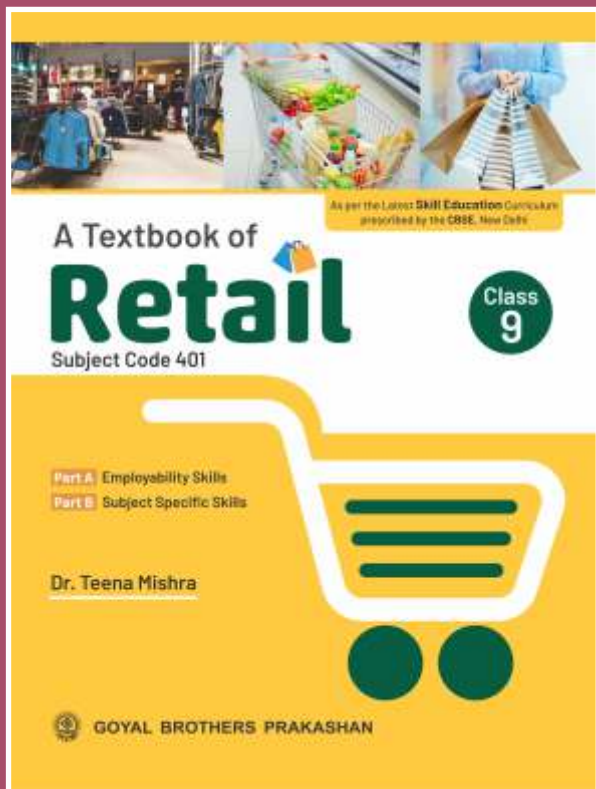


• Dr. Teena Mishra • Sayan Banerjee • Rashi Bansal • Prof. (Dr.) Shalini Verma

India's retail market has undergone a significant transformation and is set to grow exponentially in the coming years. **A Textbook of Retail** for classes 9 and 10 is designed and developed to facilitate the job role of **Store Operation Assistant**. The contents are created following the guidelines of **NEP (2020)**. It provides learners with the necessary skills and knowledge through practice, experience, and applications in day-to-day business. It has been developed as per the latest syllabus and examination pattern prescribed by the CBSE. The objectives of this job role are to deliver products and services to the customers, maintain sufficient stock levels, sustain health and safety, and work effectively in a team as well as in the organisation. Consumers have become more aware of the practices in the retail sector as a result of the development of modern merchandising strategies and the establishment of large retail companies.

### These books are divided into two parts :

- ✦ **Part A** deals with the **Employability Skills**, with the unit names, **Communication Skills – II, Self-Management Skills – II, ICT Skills – II, Entrepreneurial Skills – II** and **Green Skills – II**.
- ✦ **Part B** which deals with the **Subject Specific Skills** comprises of four units. Each unit has four sessions. Each unit deals with one of the fundamental that every retailer needs to understand and gives an in-depth and enriched insight into all the functional areas of the retail. The units have been written comprehensively for easier understanding of the learners.
- ✦ Every session in each unit has its accompanying **Activity** and **Practical Exercise**. Also, each unit ends with a **Self Assessment** consisting of **Multiple Choice Questions, Short Answer Questions** and **Long Answer Questions** that help in assessing the students' learning.



Subject Code - 401

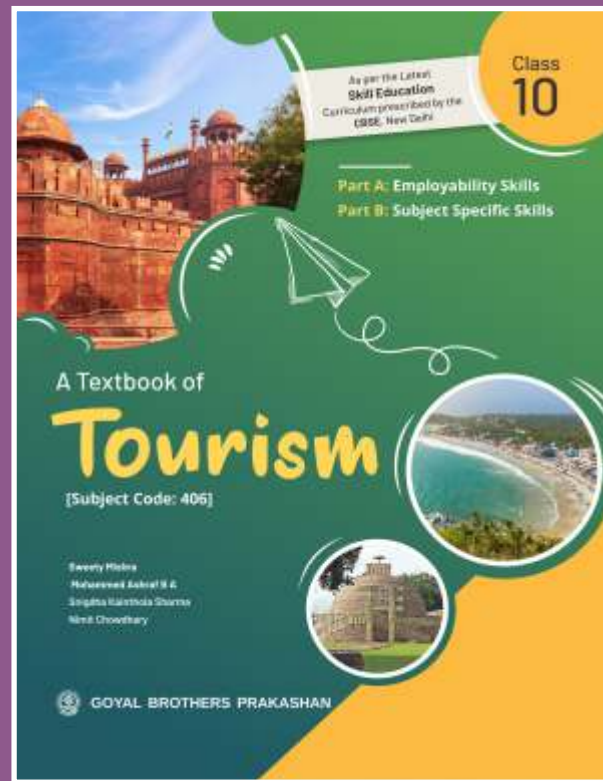
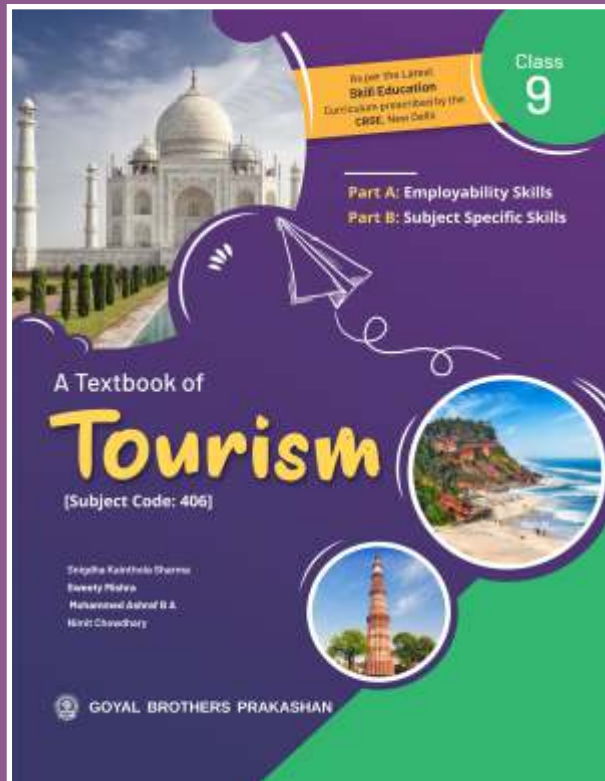
• Singdha Kainthola • Sweety Mishra • Mohammad Ashraf BA • Nimit Chowdhary

Tourism has grown significantly in the last decade. Tourism is the world's largest and fastest-growing industry and also the largest source of income and employment. **A Textbook of Tourism for Classes 9 and 10** is designed to facilitate the job role of **Travel Agent/Tour Operator**. These books have been developed as per the latest syllabus and examination pattern prescribed by the CBSE. They follow the guidelines laid down by **NEP 2020**.

These books will teach the learners about different types of tourism, tourism's social, economic and cultural impact, tourism organisations, tourism businesses, and tourism products as well as necessary soft skills. It provides knowledge about those soft skills required for this industry. The language in the books is deliberately kept to be reader-friendly, allowing easy accessibility and grasp of knowledge.

### Each unit is divided into the following parts :

- ✦ **Introduction:** It introduces the unit's topic and learning objectives.
- ✦ **Relevant Knowledge:** This part will help the learners to know the relevant information on the topic(s) covered in the unit. The knowledge developed through this part will enable the learners to perform certain activities.
- ✦ **Exercises:** The various questions included in this part of the chapter will help the learners to check their understanding of the topics learned. Each unit ends with **Summary, Glossary and Assignment**. Assignment consists of **Fill in the Blanks, True or False, Short Answer Questions and Long Answer Questions**.

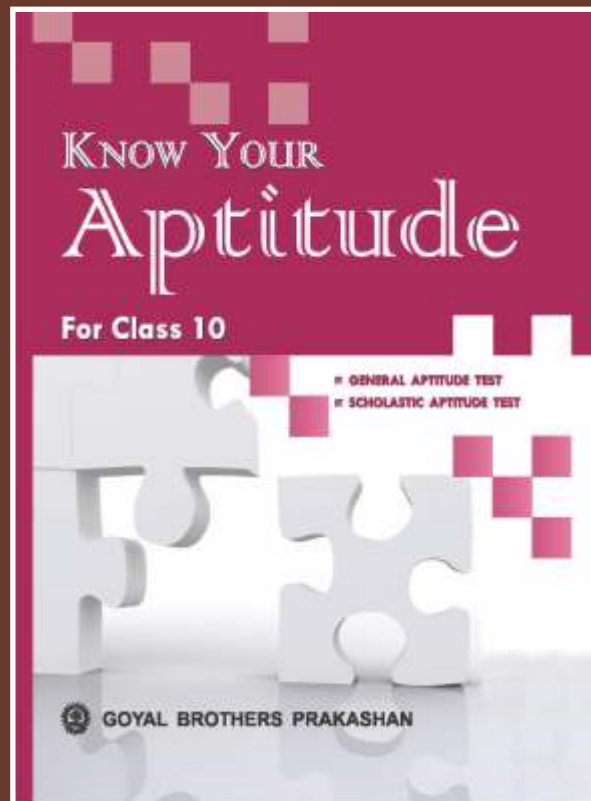
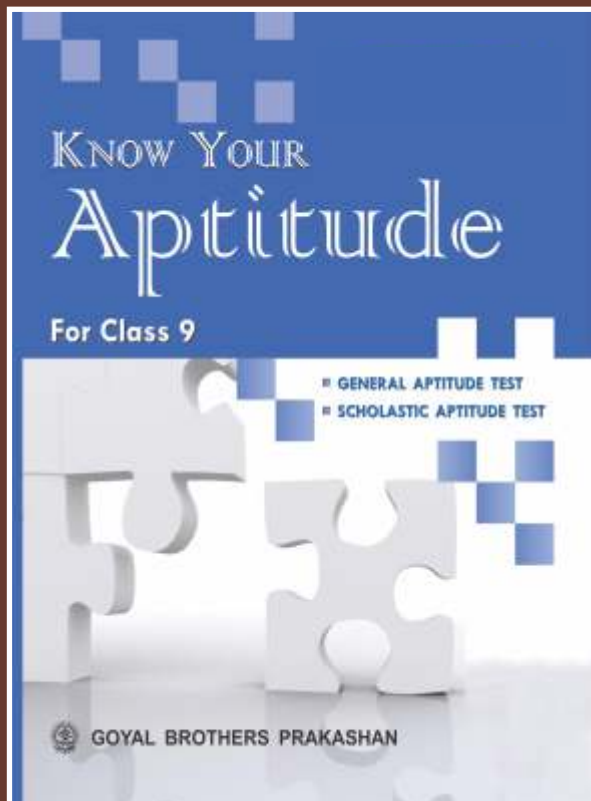


Subject Code - 406

• J. K. Jain • R. S. Dhauni • B. B. Bhatnagar

The present series of books, '**Know Your Aptitude**' for **Classes 9 and 10** has been developed in accordance to the latest **National Education Policy (NEP) 2020** and covers all aspects of aptitude testing required at these levels. Each book has been divided into two units, namely **General Aptitude Test** and **Scholastic Aptitude Test**.

- ✦ **General Aptitude Test** comprises the following topics :
  - Visual Reasoning
  - Verbal Analysis
  - Spatial Recognition
  - Systems
  - Aptitude Profiling and Selection of Subjects
  - Numerical Reasoning
  - Sequential Reasoning
  - Three-D
  - Vocabulary
  - Aptitude Tests
- ✦ **Scholastic Aptitude Test** comprises four Scholastic Aptitude Tests in each of the following subjects :
  - Mathematics
  - Social Science
  - Science
  - English
- ✦ By working through these tests, the learner can build an Aptitude Profile. In other words, these books are of great use in selecting the right subject for further study.



• I. L. Wanchoo • Neelam Bajaj

Our two books, **Learning Life Skills with Attitude and Values** for **Classes 9 & 10** are meant to assist teachers in teaching and assessing Life Skills with Attitudes and Values. These books have been developed in accordance to the latest guidelines of **NEP 2020**.

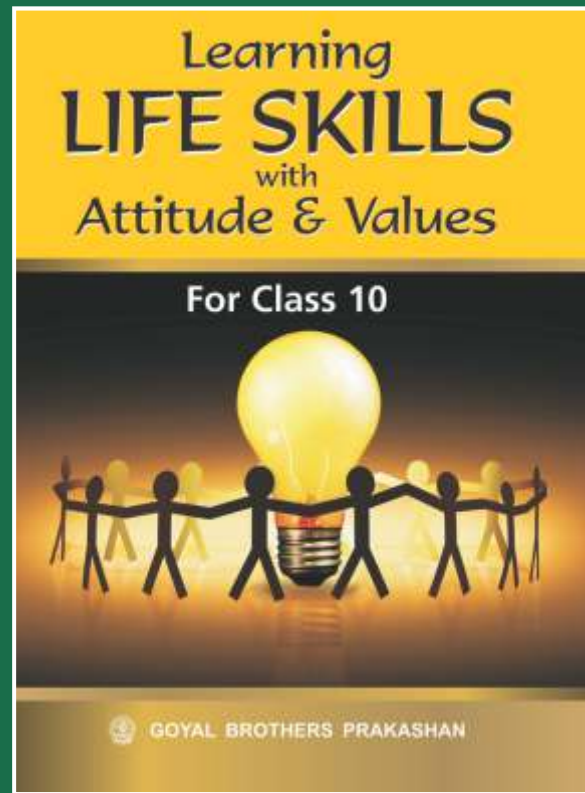
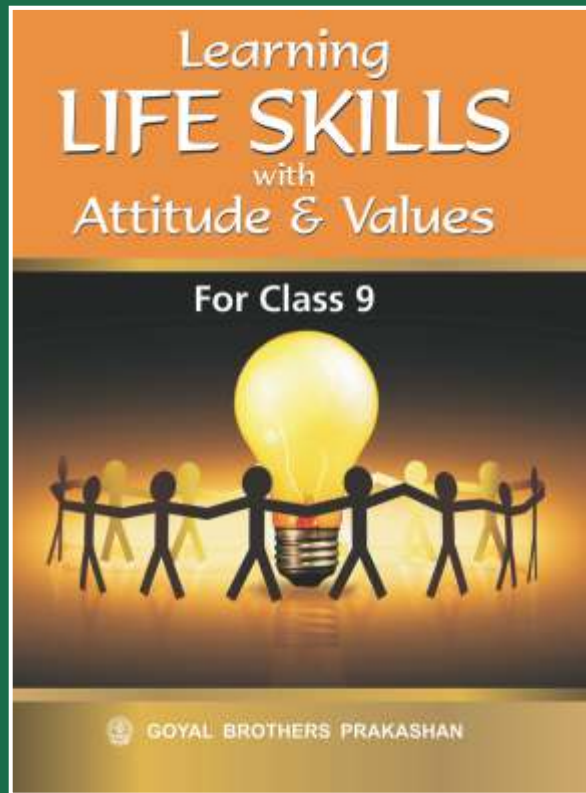
Each book is accompanied by a Teacher book.

### These books are divided into three sections :

- ✦ **Life Skill Section** : This section has been further divided into : Thinking Skills, Social Skills and Emotional Skills in order to develop each skill thoroughly. It teaches different abilities for adaptive and positive behaviour to help learners to deal effectively with the demands and challenges of every day life.
- ✦ **Attitude Section** helps in developing the correct attitude of the students towards their teachers, schoolmates, school programmes and environment.
- ✦ **Value Section** helps students to develop core values. These values will strengthen student's life and help them to develop a good world to live in.

### Teachers book will help the teachers in following ways :

- ✦ Some effective tasks which help learners acquire practical knowledge and experiences in areas such as problem-solving, time management, decision making, etc., are given.
- ✦ Making use of detailed techniques, various classroom activities to evaluate their students progress in these skills.
- ✦ Using suggestions for how to hold an activity, group discussion, class discussions, brain storming, role-play, debates etc.



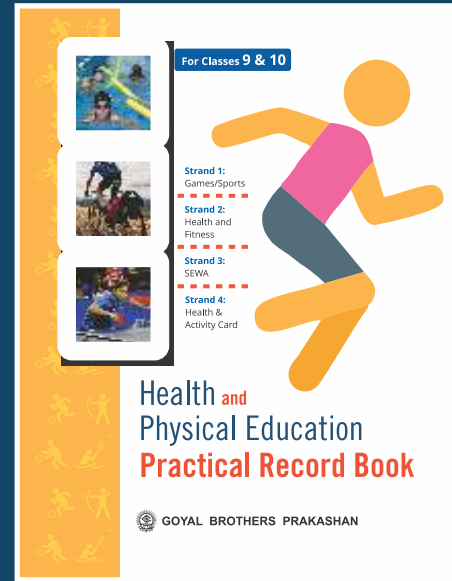
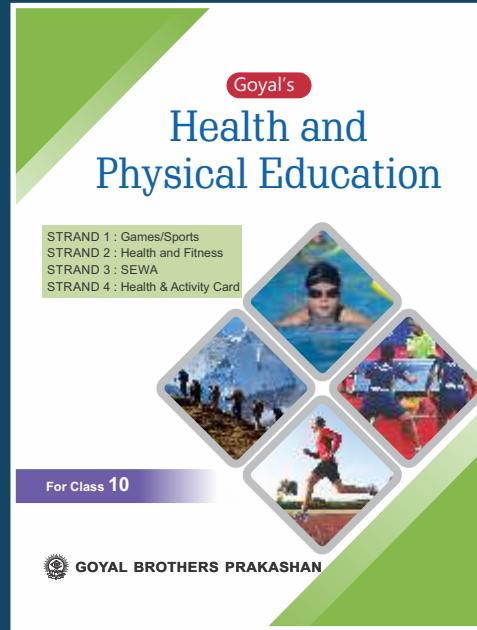
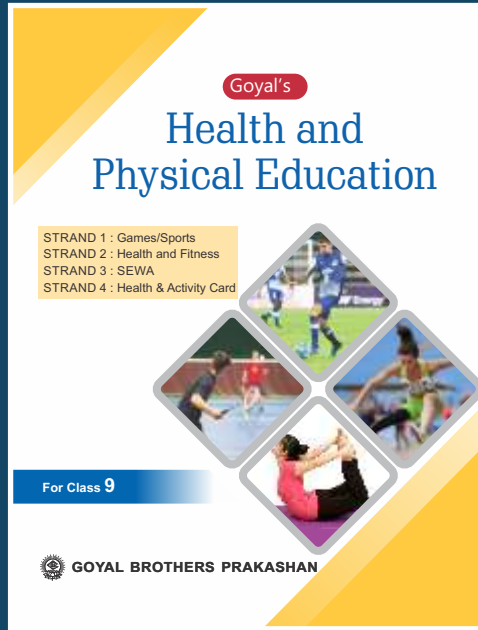


• Prof. B. C. Kapri

The books, **Goyal's Health and Physical Education** for **Classes 9 and 10** have been developed, keeping in mind the needs and requirements of the latest guidelines prescribed by the CBSE. The books follow the guidelines of **NEP 2020**.

### The main features of the series are as follows:

- ✦ **Lucid language** has been used to aid students to grasp the concept.
- ✦ **Photographs, illustrations and tables** have been given as aids to provide proper steps or methods to carry out physical exercises.
- ✦ To emphasise **concepts of leadership** and **sportsmanship**, citing examples from past and present achievers from various fields.
- ✦ Students are encouraged to **achieve the goals of physical fitness** and **gain benefits of good health** through sports, games, aerobics, yoga, etc.
- ✦ **Sensitivity towards the differently-abled members** of the society has been dealt with appropriate examples and modifications in the activities.
- ✦ All the Health and Physical activities have been grouped under four strands :
  - **Strand 1 — Games and Sports**
  - **Strand 1 — Health and Fitness**
  - **Strand 3 — SEWA**
  - **Strand 4 — Health and Activity Card**



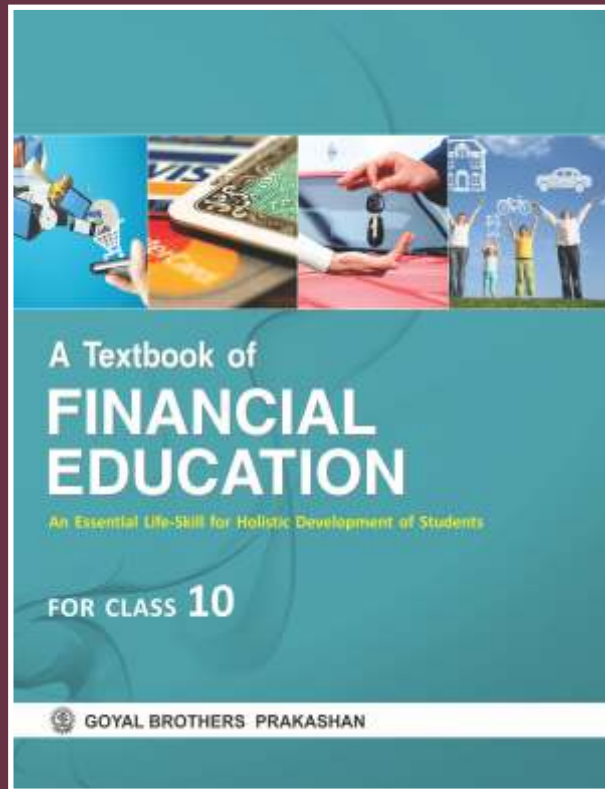
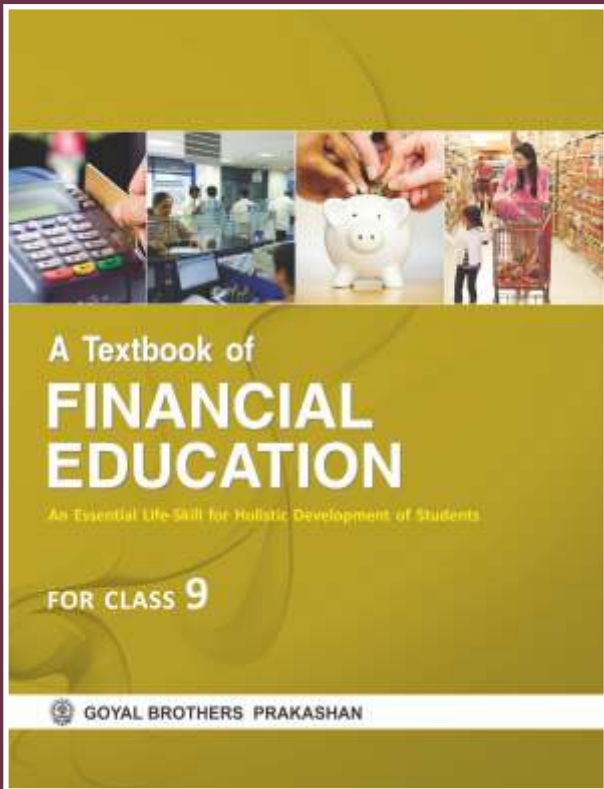
• S.K. Gupta

**Academic qualifications are important and so is financial education.** The number one problem of the present generation and economy is the lack of financial literacy. It is important to make students financially aware and empower them to manage money effectively to achieve financial well-being.

By providing financial education at a young age we can help students to develop the right attitude towards money which will make them responsible citizens, facilitating their full participation in society. **The vision of Financial Education is to enable the students, at their level of need, to understand the role of money in their life, the need for and use of savings, advantages of using the formal financial sector, the various options to convert their savings into investments, and protection through insurance.**

**Financial education is an essential life-skill for holistic development of students.** The programme is based on two pillars; education and awareness, and it aims to establish a sustainable financial literacy campaign that will empower the entire generation.

**The Central Board of Secondary Education has developed Financial Education Curriculum for Classes 9 & 10.** The curriculum has been developed by adopting a functional approach. Our series **A Textbook of Financial Education** is strictly based on the course content prepared by the Central Board of Secondary Education, New Delhi. The series is in accordance to the latest guidelines laid by **National Education Policy (NEP) 2020**. It will **improve the financial skills of students and empower them to make informed judgements and decisions regarding the use and management of money.** These financial skills will further improve the quality of life and standard of living of **Money Smart Students**.



• Dr Mandabi Bhaduri • Rama Joshi

**Goyal's Assignments in English Core** for **Classes 11 and 12**, a comprehensive practice book, is strictly designed according to the latest syllabus prescribed by the CBSE, New Delhi. These books are aligned with **NEP 2020** taking into account all the changes made in the syllabus of Classes 11 and 12 English Course. The Exercises and Assignments have been planned according to the latest syllabus. They encourage originality, creativity and critical analysis with a comprehensive understanding of contemporary issues. The language used is lucid and simple so as to help the students in improving their local, global and thematic understanding of the text.

### These books comprise the following sections :

- ✦ **Reading Comprehension:** Includes carefully chosen **factual, discursive, literary** and **case-based factual passages** (based on verbal/visual inputs—statistical data, charts, etc.)
- ✦ **Writing Skills:** All the different writing skills have been included with a sufficient number of samples.
- ✦ **Grammar:** This section lists all the rules necessary for solving exercises that follow. Chapters are planned with strict adherence to the syllabus. A large number of assignments are provided to give ample practice to students.
- ✦ **Literature:** Class 11 (All three sections—**Hornbill:** Prose and Poetry and **Snapshots:** Supplementary dealt comprehensively) Class 12 (All three sections—**Flamingo:** Prose and Poetry and **Vistas:** Supplementary dealt comprehensively)

As per the Latest  
CBSE Syllabus

XI

# Goyal's Assignments in English Core

(Subject Code 301)

- + READING COMPREHENSION WITH MCQs
- + A COMPREHENSIVE APPROACH TO NOTE-MAKING AND SUMMARISING
- + WRITING SKILLS AND GRAMMAR WITH SUFFICIENT EXAMPLES AND ASSIGNMENTS
- + LITERATURE:
  - Summaries of Stories, Poems and Plays
  - Central Idea and Literary Devices in Poetry
  - Reference to the Context Questions
  - Short and Long Answer Type Questions



GOYAL BROTHERS PRAKASHAN

As per the Latest  
CBSE Syllabus

XII

# Goyal's Assignments in English Core

(Subject Code 301)

- + READING COMPREHENSION WITH MCQs
- + WRITING SKILLS WITH SUFFICIENT EXAMPLES AND ASSIGNMENTS
- + LITERATURE:
  - Summaries of Stories, Poems and Plays
  - Central Idea and Literary Devices in Poetry
  - Reference to the Context Questions
  - Short and Long Answer Type Questions



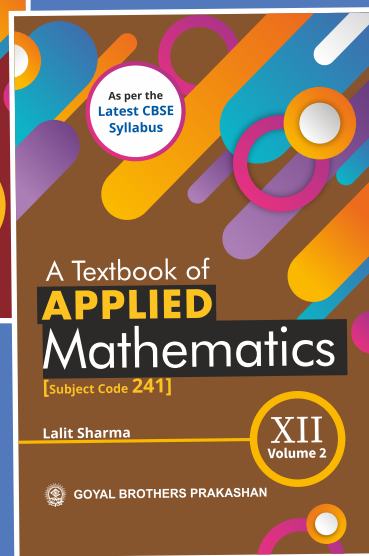
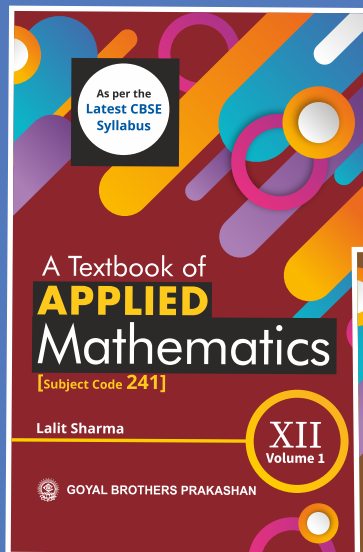
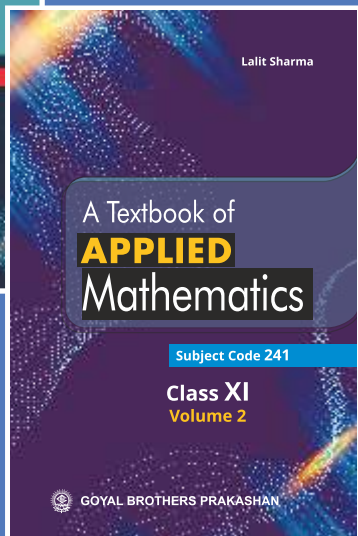
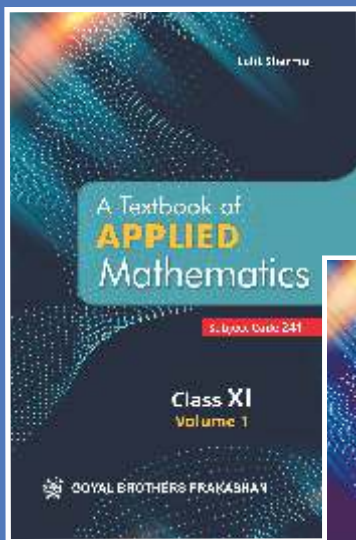
GOYAL BROTHERS PRAKASHAN

• Lalit Sharma

The series **A Textbook of Applied Mathematics** (Volume 1 and Volume 2) for Senior Secondary **Classes 11 & 12** has been developed to meet the objectives of Applied Mathematics set by the CBSE. For each level, the course has been covered in two volumes — Volume 1 and Volume 2. This series is strictly made as per the **National Education Policy (NEP) 2020** and syllabus for Applied Mathematics recently released by the CBSE.

### Salient features of these books are :

- ✦ Strictly as per the syllabus released by the CBSE.
- ✦ Language used is simple and easy to understand.
- ✦ The text (comprising, definitions, concepts and formulas, etc.) has been explained systematically and logically by giving an ample number of variety of **Solved Examples and Exercises**.
- ✦ Numerical problems are so arranged that the logical sequence and flow from easy to difficult could be maintained.
- ✦ Each Unit contains Objective Section that comprises **Multiple Choice Questions, Fill in the Blanks, True and False, Very Short Answer Questions**, etc.
- ✦ To meet the requirements of the latest CBSE examination pattern, **Case Study Based Questions** have been incorporated at the end of each chapter.
- ✦ In-text questions in the form of **Task for the Readers** have been given.
- ✦ All the required **Tables and Answers to the Exercises** (unsolved problems) have been given at the end of each book.





# PRACTICALS & PROJECTS IN APPLIED MATHEMATICS WITH RECORD BOOK

for Classes 11 & 12

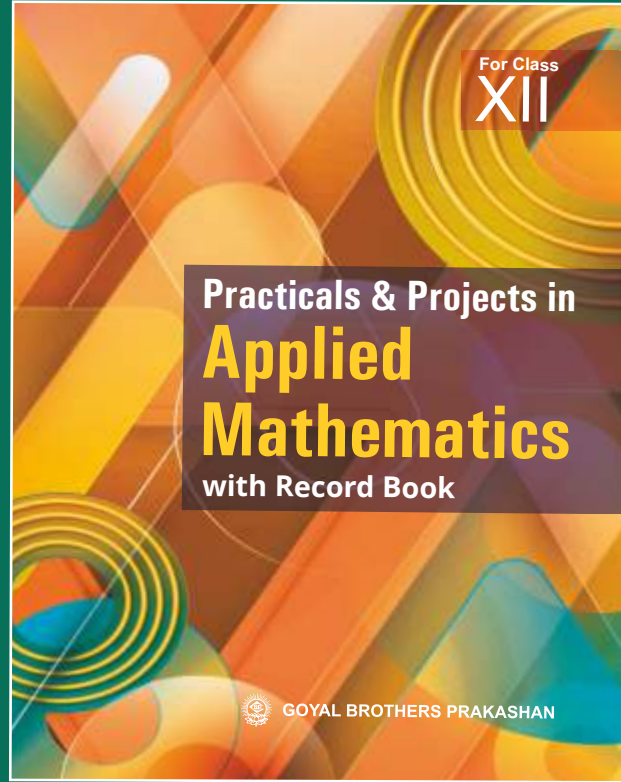
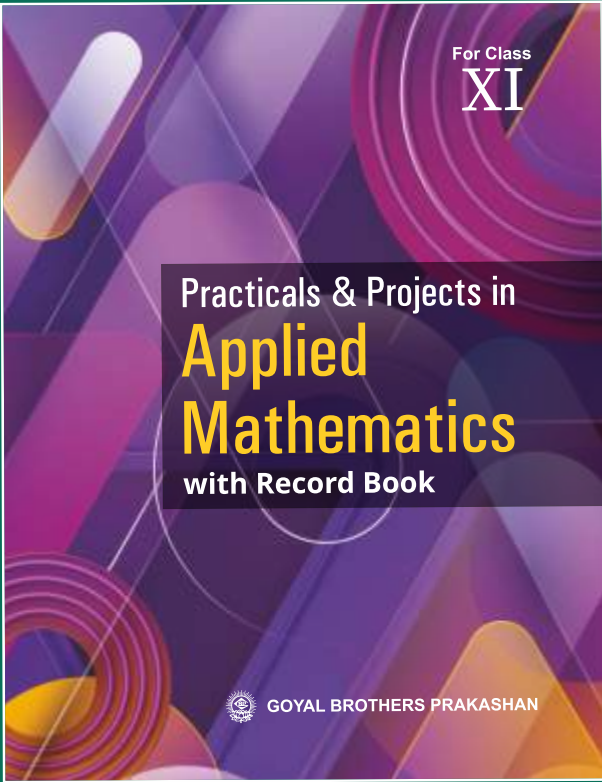
• Lalit Sharma

The books entitled **Practicals & Projects in Applied Mathematics** with Record Books for **Classes 11 and 12** have been developed in strict accordance with the latest guidelines of **National Education Policy (NEP) 2020** and the syllabus of Applied Mathematics introduced by the CBSE, New Delhi.

While preparing these books, the guidelines of the CBSE have been taken care of. The Practicals/Projects given in these books are based on the Practicals/Projects suggested by the CBSE. The main objective of these Practicals/Projects is to make the teaching-learning process of Mathematics interesting, enjoyable and result-oriented. The Central Board of Secondary Education (CBSE) also suggests that the learning of Mathematics should be activity-oriented.

## Salient features of these books are :

- ✦ Strictly as per the latest CBSE Syllabus.
- ✦ Student-friendly layout and **multi-colour illustrations** to create interest in the subject.
- ✦ **Language** used in practicals/projects is **simple and easy** to understand.
- ✦ Detailed **step-by-step explanation** to perform the practicals.
- ✦ Practicals/Projects given in the CBSE Syllabus have been dealt **comprehensively**.
- ✦ Ample number of blank sheets are provided for the students to record their work.

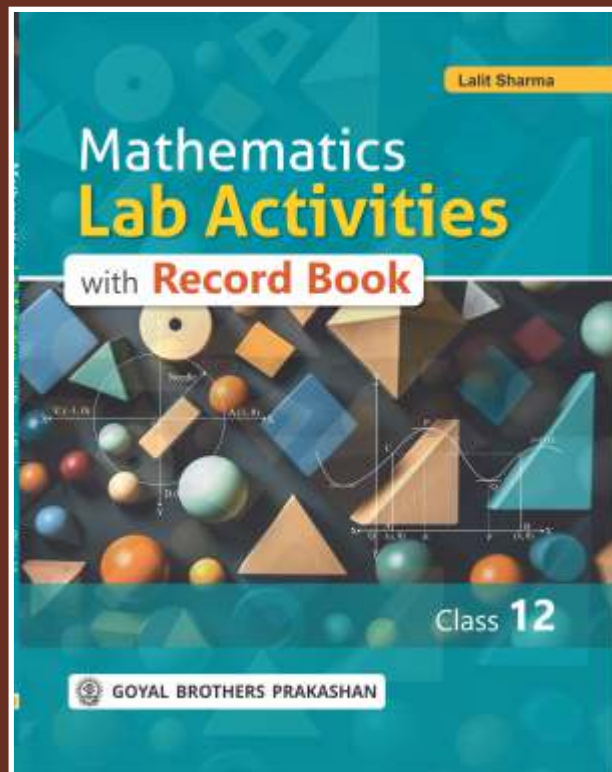
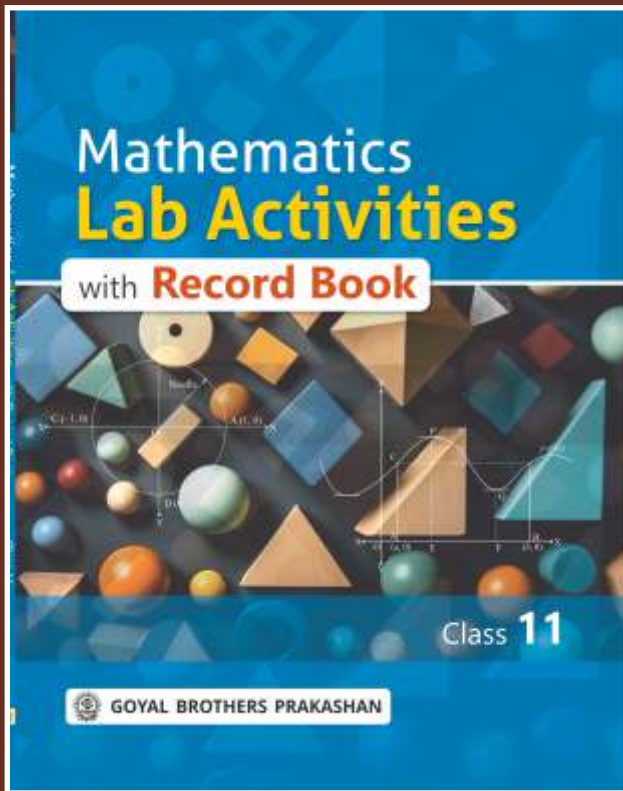


The series of books entitled **Mathematics Lab Activities with Record Book** for **Classes 11 and 12** has been developed in strict accordance with the latest guidelines of **National Education Policy (NEP) 2020** and the syllabus prescribed by the Central Board of Secondary Education, New Delhi.

While preparing these books, guidelines of the CBSE has been taken care of. As per the CBSE, 10 marks (out of 100) have been allotted to Maths Activities. Also, the activities given in these books are based on the guidelines provided by the CBSE. The main objective of these Practicals/Projects is to make the teaching-learning process of Mathematics interesting, enjoyable and result-oriented. The Central Board of Secondary Education (CBSE) also suggests that the learning of Mathematics should be activity-oriented.

### **Salient features of these books are :**

- ✦ Strictly as per the guidelines given by the CBSE.
- ✦ Student-friendly layout and **multi-colour illustrations** to create interest in the subject.
- ✦ **Language** used in activities is **simple and easy to understand**.
- ✦ Detailed **step-by-step explanation** to perform the activities.
- ✦ Ample number of questions and answers under **viva-voce** for exam preparation.
- ✦ Ample number of blank sheets are provided for the students to record their work.

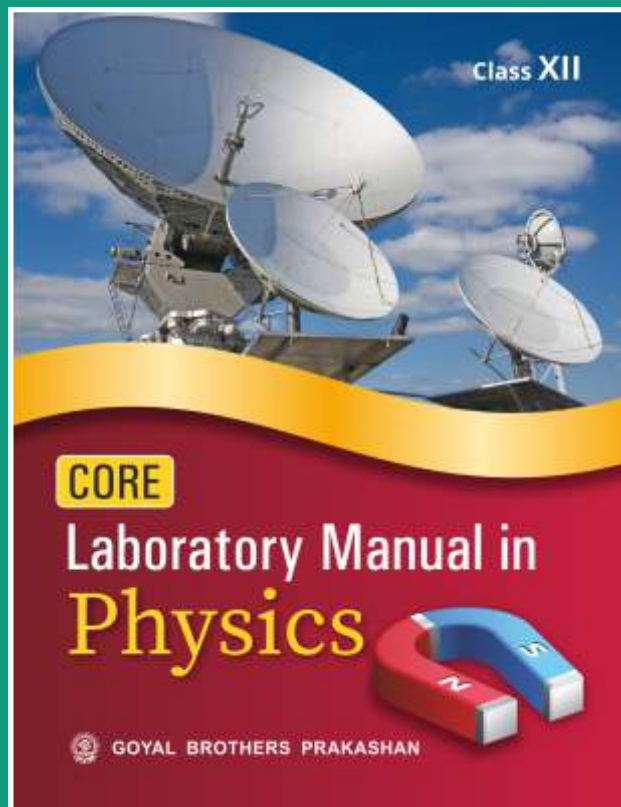
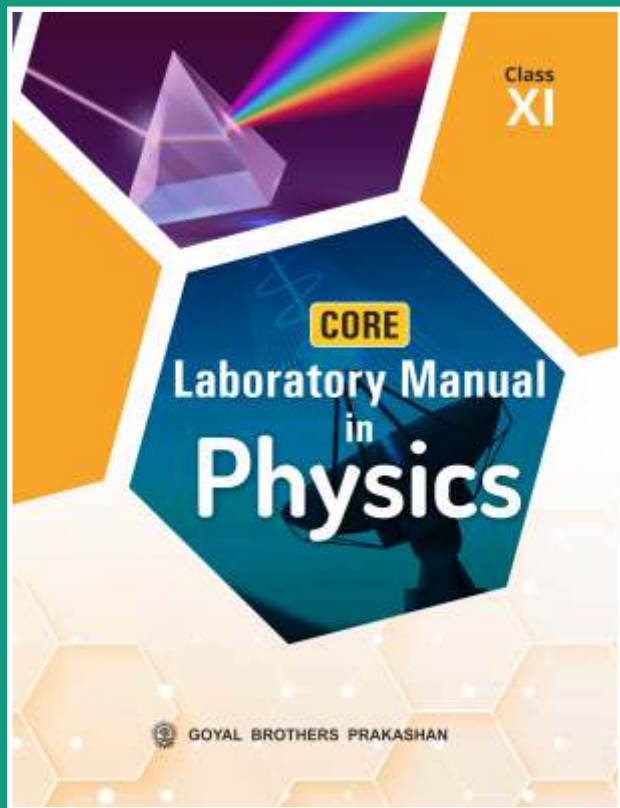


• Anil Sharma • Prashant Sharma

The **Core Laboratory Manual of Physics** for **Classes 11 and 12** is based on the latest CBSE syllabus. These books, would assist the students to perform practicals in a methodical way as per the needs of the new syllabus. The books have been created following the guidelines of **NEP 2020**.

### Salient features of these books are :

- ✦ **Simple language** is followed, with correct scientific terminology.
- ✦ **Fundamental principles** are explained in every chapter.
- ✦ Clear instructions are given in procedure in a **step-wise manner**.
- ✦ Related activity is suggested to keep up the interest of the students.
- ✦ Good illustrations and **schematic diagrams** are given for steps involved in procedure.
- ✦ **Methods of calculation** are explained with proper use of units.
- ✦ Precautions and problems faced by students are listed out.
- ✦ Innovative projects with '**Pictorial Depiction of Process**' are provided for students to try out without any difficulty.
- ✦ Adequate **viva-voce questions and answers** are given for thorough understanding of the topic.
- ✦ **Detailed appendices** is given for the benefit of readers.

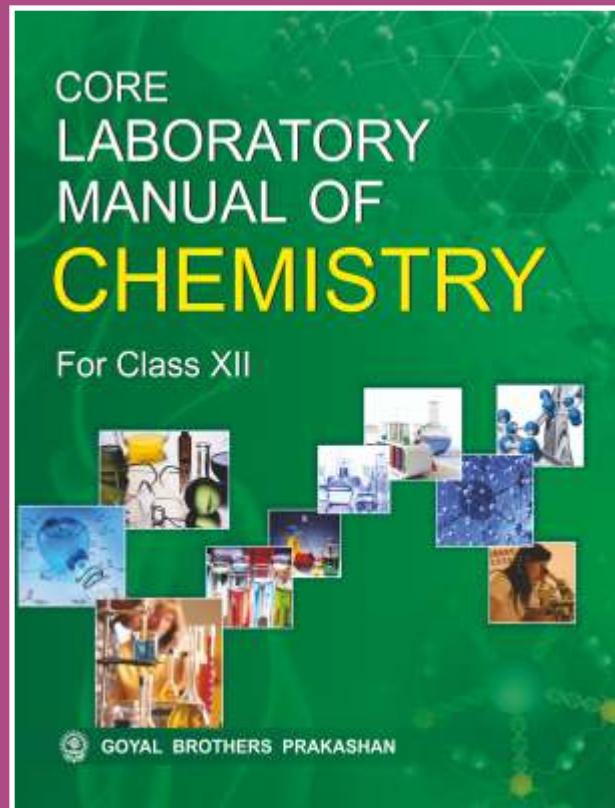
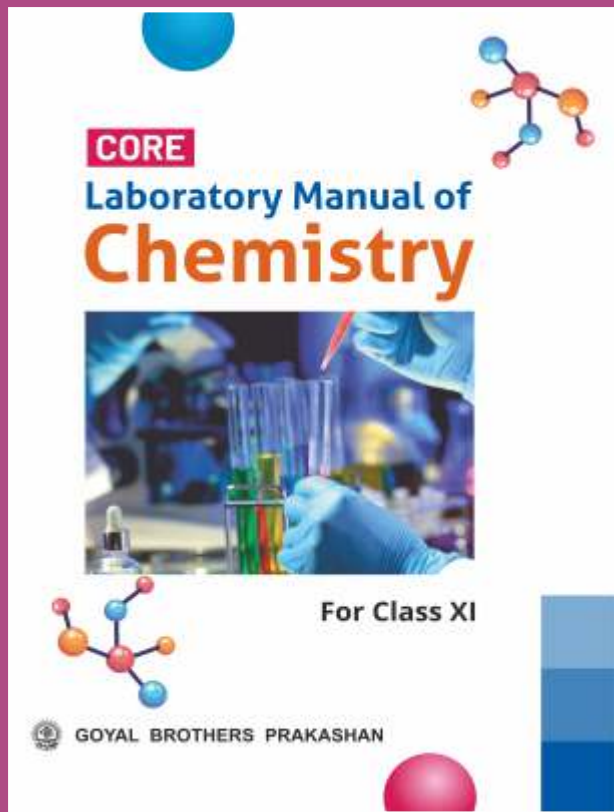


• Mrs. Rajalakshmi Karthikeyan

The **Core Laboratory Manual of Chemistry** for **Classes 11 and 12** is based on the latest CBSE syllabus. These books would assist the students to perform practicals in a methodical way as per the needs of the new syllabus. These books are created following the guidelines of **NEP-2020**.

### Salient features of these books are :

- ✦ **Simple language** is followed, with correct scientific terminology.
- ✦ **Fundamental principles** are explained in every chapter.
- ✦ Clear instructions are given in procedure in a **step-wise manner**.
- ✦ Related activity is suggested to keep up the interest of the students.
- ✦ Good illustrations and **schematic diagrams** are given for steps involved in procedure.
- ✦ **'Ready Reckoner Charts'** and **'Summary Chart'** are provided in salt analysis.
- ✦ **Methods of calculation** are explained with proper use of units.
- ✦ Precautions and problems faced by students are listed out.
- ✦ Innovative projects with **'Pictorial Depiction of Process'** are provided for students to try out without any difficulty.
- ✦ Adequate **viva-voce questions and answers** are given for thorough understanding of the topic.
- ✦ **Detailed appendices** is given for the benefit of readers.



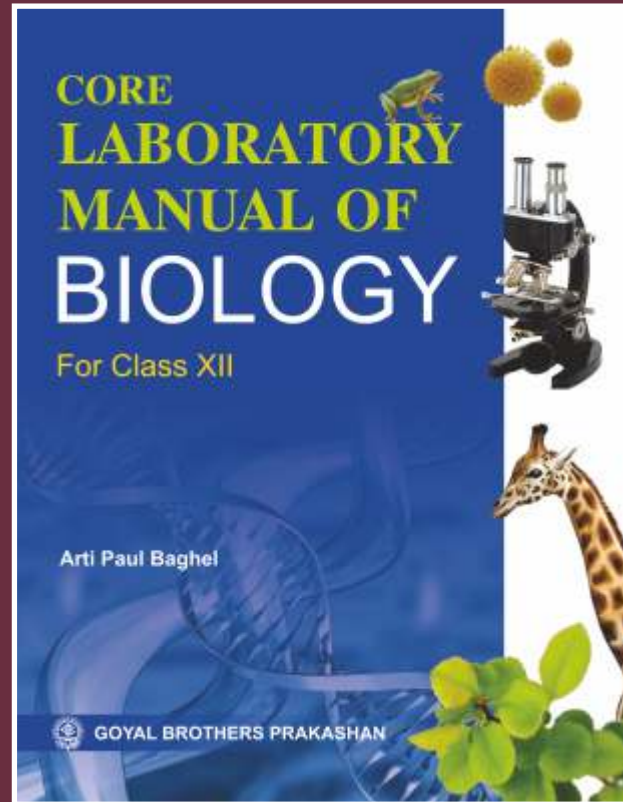
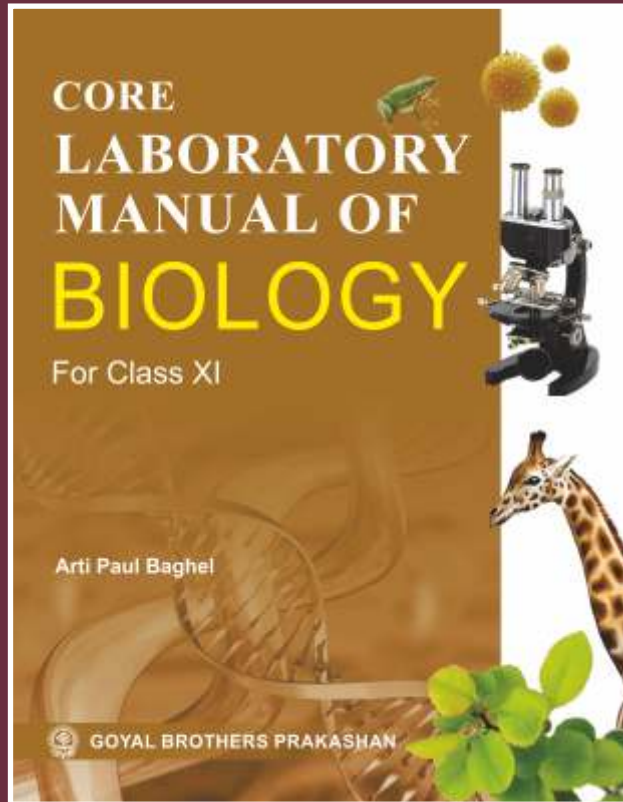


• Arti Paul Baghel

The **Core Laboratory Manual of Biology** for **classes 11 and 12** is based on the latest CBSE syllabus and guidelines of **NEP 2020**. These books would assist the students to perform practicals in a methodical way as per the needs of the new syllabus.

### Salient features of these books are :

- ✦ **Landmarks** — Under '**LANDMARKS**' theoretical knowledge concerning the experiment and the related information is given to equip the students with sufficient understanding of the practicals.
- ✦ **Diagrams** — Diagrams are the soul of biology. Special emphasis is laid on the correct proportion, proper labelling and effective presentation of the diagrams.
- ✦ **Classification** — Classification of plants and animals has been given with proper reasoning to develop rational thinking in the students.
- ✦ **Etymology** — The biological terms have been etymologically split and explained for a better understanding.
- ✦ **Brain Teasers** — The questions given in this section test a number of skill such as critical-thinking, problem-solving, etc. They also help students to think outside of the box to find the solution.
- ✦ **Viva-voce** — Viva Voce questions not only fulfil the examination needs but also satisfy the desire of the students to know and learn more.

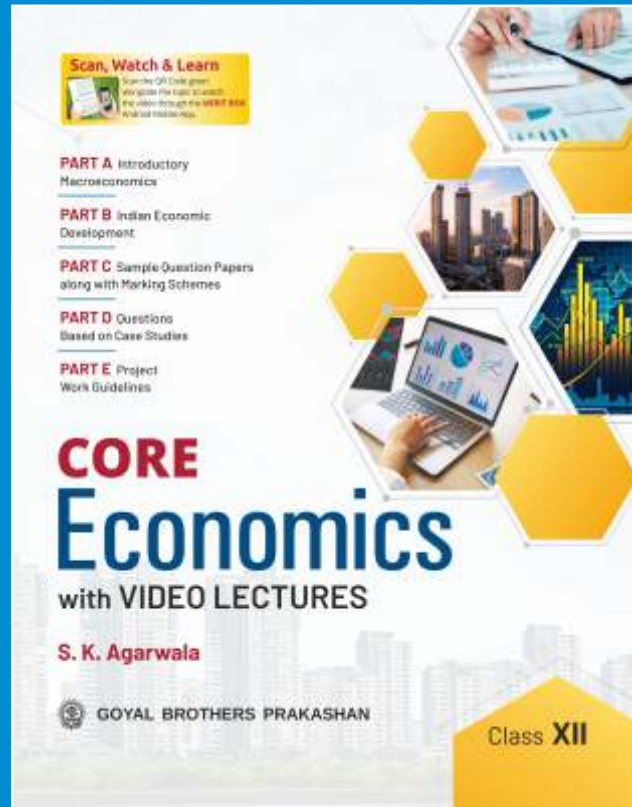
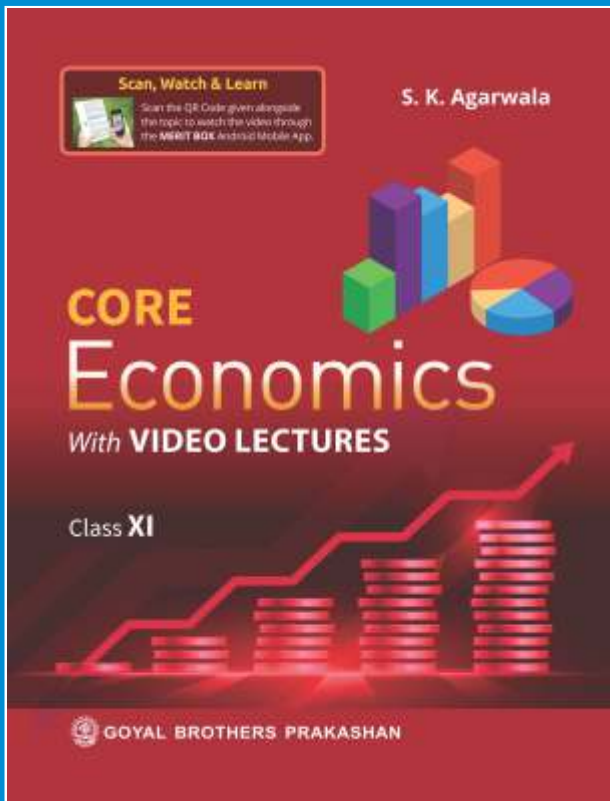


• S. K. Agarwala

The thoroughly revised and updated edition of **Core Economics with Video Lectures** for **Classes 11 and 12** is strictly according to the latest syllabus prescribed by the CBSE, New Delhi, as per **NEP 2020**. The treatment is simple as possible and confined the scope of each topic to the requirement of the syllabus. The treatment has been supplemented by the real life examples and numerical illustrations to enhance the understanding of the subject.

### Salient features of the books are :

- ✦ Strictly according to the **latest syllabus**.
- ✦ **Simple treatment** of the subject.
- ✦ **Elaborate explanation of the concepts**.
- ✦ **Main Points (summary)** are given at the end of each chapter.
- ✦ **Solved Numerical Illustrations** along with **Detailed Methodology**.
- ✦ **Understanding Based Questions** from CBSE Examination Papers (along with solution) at the end of each part.
- ✦ **Methodology of drawing diagrams** explained.
- ✦ With these books **Video Lectures** on each topic are also provided through the Internet. Students can use them anytime. Students can learn while on the move from their mobile phones, tablets, laptops, etc., by visiting the website or through the mobile application.



# A TEXTBOOK OF STATISTICS FOR ECONOMICS (PART A) A TEXTBOOK OF INTRODUCTORY MICROECONOMICS (PART B)

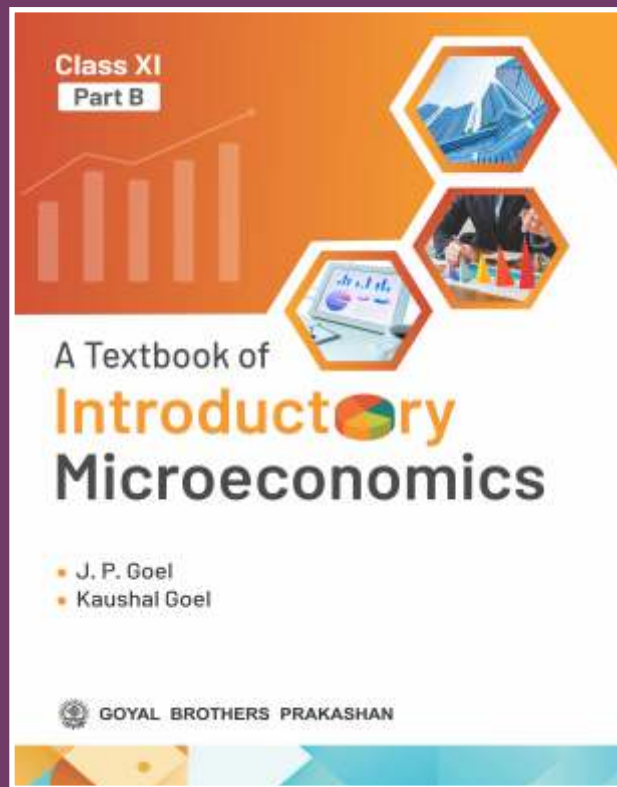
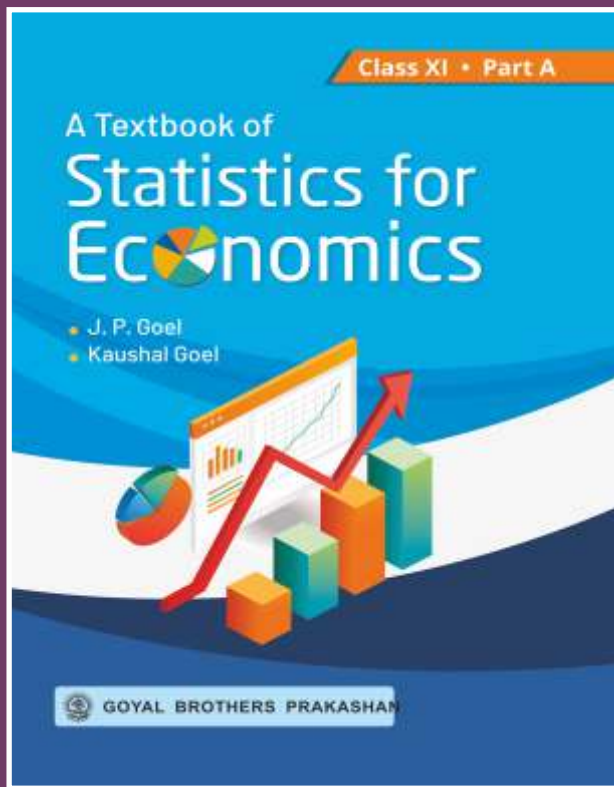
for Class 11

• J. P. Goel • Kaushal Goel

The books **Statistics for Economics** and **Introductory Microeconomics** are designed for students of **Class 11** pursuing Economics as per latest syllabus prescribed by the CBSE as per **NEP 2020**. The treatment of the subject is kept simple enough to be followed by anyone who is just beginning to learn Economics as a discipline.

## Salient features of these books are :

- ✦ In accordance with the latest guidelines issued by the CBSE and are updated with the latest available data on Economics.
- ✦ The concepts have been systematically and comprehensively explained through use of diagrams, tables, numericals, data and examples wherever required.
- ✦ "**Question Bank**" of each chapter is enriched with a variety of exam-oriented questions.
- ✦ **HOTS Questions with answers** are given for every chapter.
- ✦ NCERT questions along with their solution are given for every chapter.
- ✦ Objective type questions include:
  - Multiple Choice Questions
  - Matching and Arranging
  - Assertion - Reasoning & Statement Based Questions
  - Fill in the Blanks
  - True or False with Reasoning
  - Very Short Answer Type Questions
- ✦ Apart from objective and subjective type questions, **Case Study** and **Unit Test Papers** are also given.
- ✦ **Sample question paper** and **solved sample projects** are also given.



# A TEXTBOOK OF INTRODUCTORY MACROECONOMICS (PART A) for Class 12

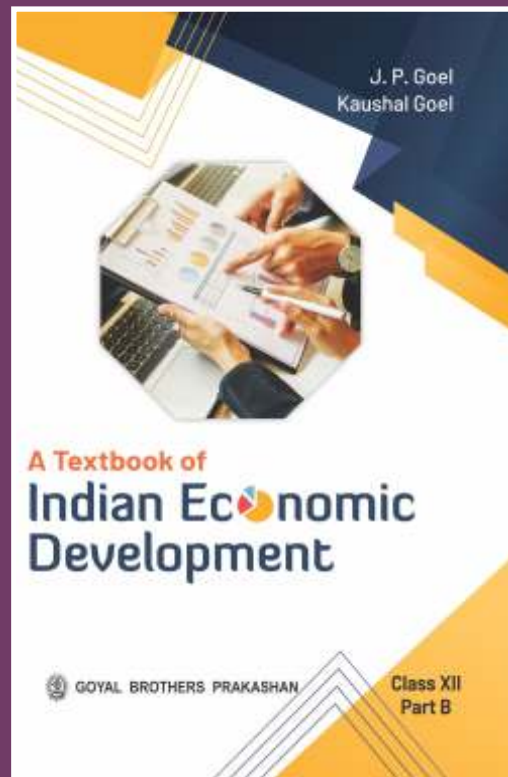
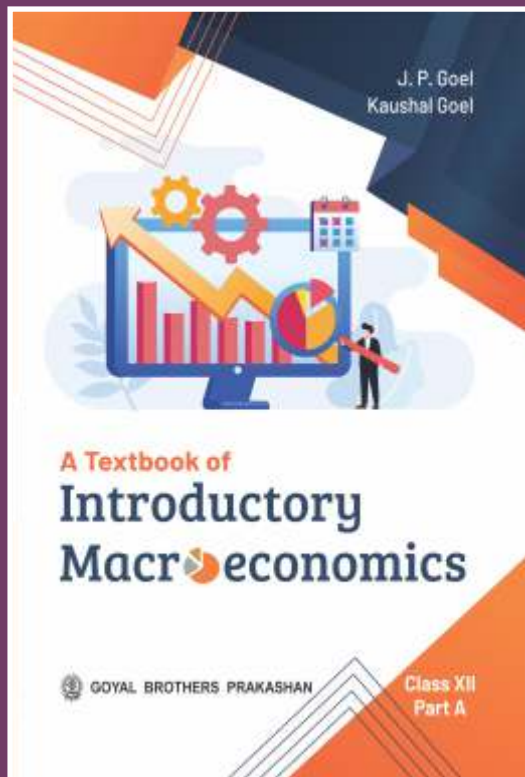
## A TEXTBOOK OF INDIAN ECONOMIC DEVELOPMENT (PART B)

• J. P. Goel • Kaushal Goel

The books **Introductory Macroeconomics** and **Indian Economic Development** are designed for students of **Class 12** pursuing Economics as per latest syllabus prescribed by the CBSE. The treatment of the subject is kept simple enough to be followed by anyone who is just beginning to learn Economics as a discipline.

### Salient features of these books are :

- ✦ In accordance with the latest guidelines issued by the CBSE as per **NEP 2020** and are updated with the latest available data on Economics.
- ✦ The concepts have been systematically and comprehensively explained through use of diagrams, tables, numericals, data and examples wherever required.
- ✦ Appendix having out of the box content has been provided for knowledge enrichment of the students wherever required.
- ✦ "**Question Bank**" of each chapter is enriched with a variety of exam-oriented questions.
- ✦ **HOTS Questions with answers** are given for every chapter.
- ✦ NCERT questions along with their solution are given for every chapter.
- ✦ Question bank also includes questions from latest CBSE sample question paper 2023-24.
- ✦ Objective type questions include:
  - Multiple Choice Questions
  - Matching and Arranging
  - Assertion - Reasoning & Statement Based Questions
  - Fill in the Blanks
  - True or False with Reasoning
  - Very Short Answer Type Questions
- ✦ Apart from objective and subjective type questions, **Case Study** and **Unit Test Papers** are also given.
- ✦ At the end **two solved sample projects** are also given.





• R. K. Mahajan

**A Textbook of Business Studies for Class XII** is aligned with the **NCERT Rationalised Textbook**. This book is designed with a comprehensive understanding of key concepts, principles, and practices in the field of business. This is the latest edition which has been meticulously crafted to provide enriching learning experience for the students. It is strictly aligned with the latest E-version of NCERT, which adheres closely to the prescribed syllabus and **NEP 2020**.

### Salient Features of the Book

- ✦ **Simplified Language:** Crafted with utmost care to ensure simplicity, making complex concepts accessible to all readers
- ✦ **Lucid Presentation:** Concepts are presented in a clear and straightforward manner, supplemented by explanations of difficult terms
- ✦ **Real-life Examples:** Real-life examples and situations, aiding in better understanding and application
- ✦ **Visual Aids:** Tabular and diagrammatic presentations enhance comprehension, providing visual reinforcement of key concepts
- ✦ **Web Links:** Provide additional clarification and resources, facilitating deeper understanding
- ✦ **Examination Typology:** Large pool of questions based on new typology: Objective Type Questions (MCQs, Fill in the blanks, True/False, Assertion-Reason, Statement-Based Questions), Understanding and Remembering Based Questions, Analysis Based Questions, Competency-Based Questions (Applications, Evaluations and Analysis), NCERT (Solved Questions) and Previous Years' Questions
- ✦ **Projects:** Covers all four projects prepared strictly as per the guidelines issued by the CBSE  
Ample of practice materials for self-assessment and preparation are provided in form of –
  - **NCERT Questions with detailed solutions**
  - **Model Test Papers**
  - **Latest CBSE Examination Paper**
  - **Latest CBSE Sample Paper**

Class  
**XII**

# A Textbook of **Business Studies**

R. K. Mahajan

- Concepts explained systematically and comprehensively
- Aligned with the NCERT Nationalist Textbook
- All types of Questions included as per the latest CBSE Examination Pattern:
  - † Objective Type Questions
  - † Competency-Based Questions
  - † Case-Based Questions
  - † Assertion-Reason Questions
  - † Statement-Based Questions
- NCERT Questions with Solutions
- Previous Year's CBSE Examination Questions given in Question Bank
- Project Work
- Model Test Papers
- Latest CBSE Examination Paper
- Latest Sample Question Paper



GOYAL BROTHERS PRAKASHAN

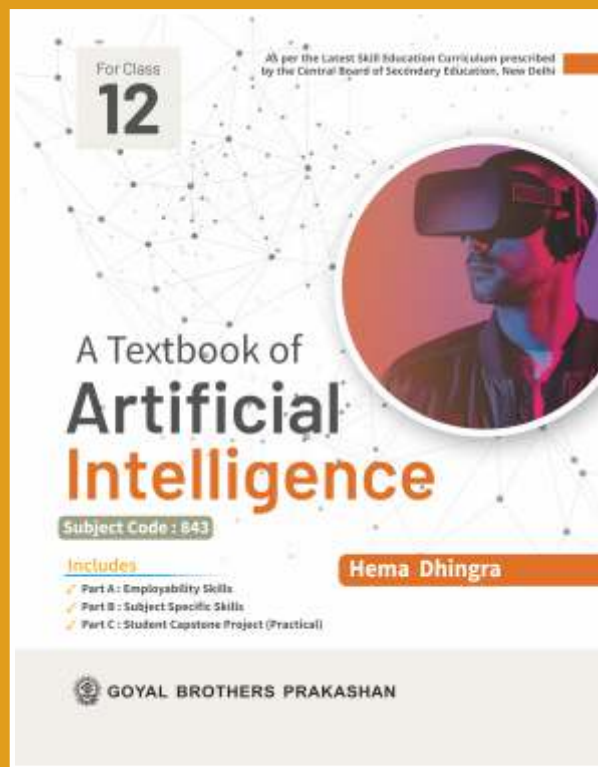
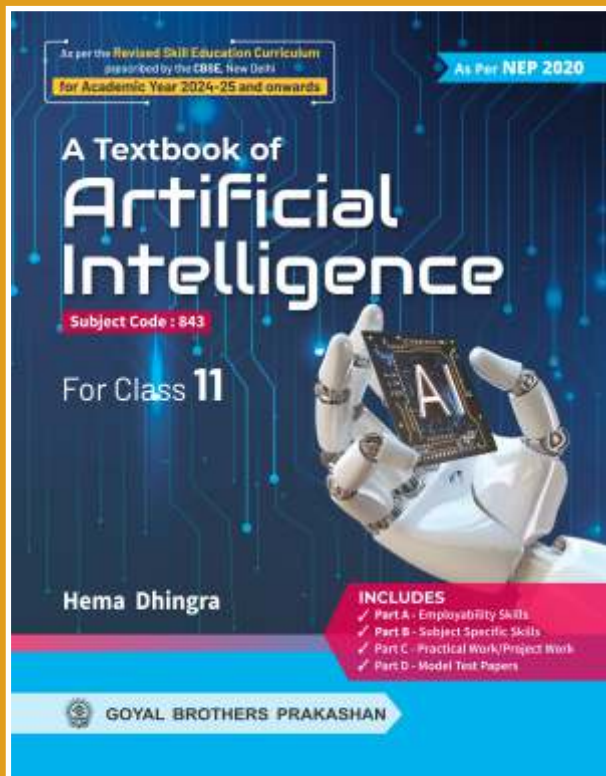
• Hema Dhingra

**A Textbook of Artificial Intelligence** for **classes 11 and 12** fulfills all the needs and requirements of the latest syllabus released by the CBSE and it also comprises the recommendations of the **National Education Policy (NEP) 2020** which focusses on development of critical thinking, life skills, problem solving skills, experiential learning, etc.

Artificial Intelligence forms the basis for all computer learning and is the future of all complex decision making. Artificial Intelligence (AI) is the basis for mimicking human intelligence processes through the creation and application of algorithms built into a dynamic computing environment.

**These books are divided into three parts :**

- ✦ **Part A** deals with **Employability Skills** with units name **Communication Skills, Self-Management Skills, ICT Skills, Entrepreneurial Skills** and **Green Skills**.
- ✦ **Part B** deals with **Subject Specific Skills** with units related to **Artificial Intelligence** including **Capstone Project, Model Lifecycle** and **Storytelling**.
- ✦ **Part C** deals with **Student Capstone Project (Practical)** on the Project Work.
- ✦ Each unit ends with **Recap, Key Terms** and **Test Yourself**.
- ✦ **Test Yourself** consists of exercise questions such as **MCQs, Answer the following, Activity Zone** and **Group discussion**.
- ✦ The pictorial and graphical representations and the tabulated data forms make the text comprehensive and reader-friendly.



Subject Code - 843

• Meenu Kohli • Hema Dhingra

Computer technology, large number of people and dependence on AI has led to large transactions of data throughout the world. The need to study data science has never been greater. Various types of data have to be interacted with and various technical methods are used to open files received in these transactions. Data Science is itself very much grounded on Mathematics and Statistics, and cannot be understood without relying a lot on computer science.

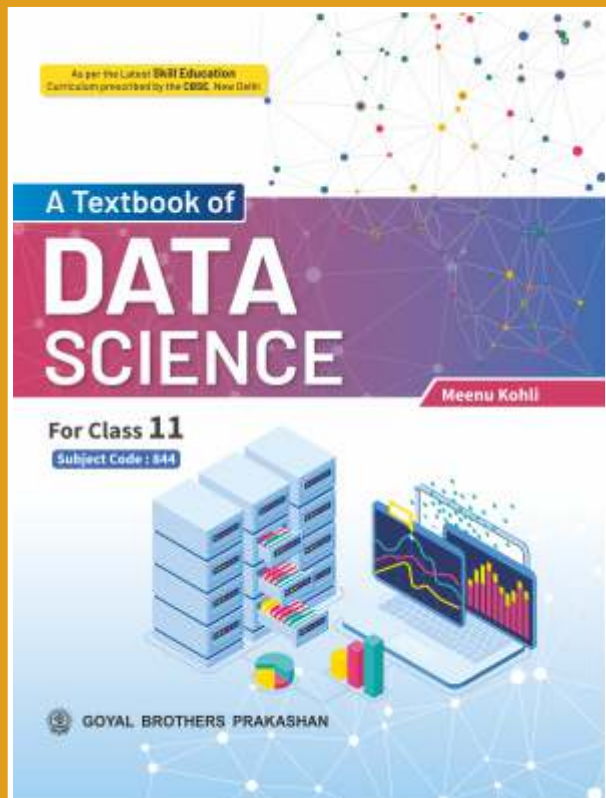
With these points in mind, the CBSE has suggested that the subject Data Science be added as a subject in Classes 11 and 12. We have come out with this book, "**A Textbook of Data Science for Classes 11 and 12**" developed in accordance to the latest **(NEP) 2020**.

**The book is divided into two parts:** Parts A (Employability Skills) and B (Subject Specific Skills).

- ✦ **Part A** consists of the chapters on Communication Skills – III, Self Management Skills – III, ICT Skills – III, Entrepreneurial Skills – III and Green Skills – III.
- ✦ **Part B** consists of data science related chapters. They are Ethics in Data Science, Assessing Data, Forecasting on Data, Randomization and Introduction to R Studio.

**The chapters have the following features :**

- ✦ **Learning Objectives:** It describes the goals to be achieved by the end of the chapter.
- ✦ **Chapter Contents:** Concepts are explained to strengthen the knowledge base of the learners.
- ✦ **Check Your Knowledge:** It gives question(s) to test the student's understanding of the chapter taught.
- ✦ **Exercises:** It includes questions with headings such as Multiple choice questions, Match the following, Short Answer Type questions, Long answer type questions, Activity Zone and Group Discussion.



Subject Code - 844

• Kalpana Sharma • Hema Dhingra

The book, **A Textbook of Web Applications** for **Classes 11 and 12** aims at providing an in-depth understanding of the CBSE curriculum. It strictly adheres to the latest syllabus and guidelines laid down by the Board as per **(NEP) 2020**.

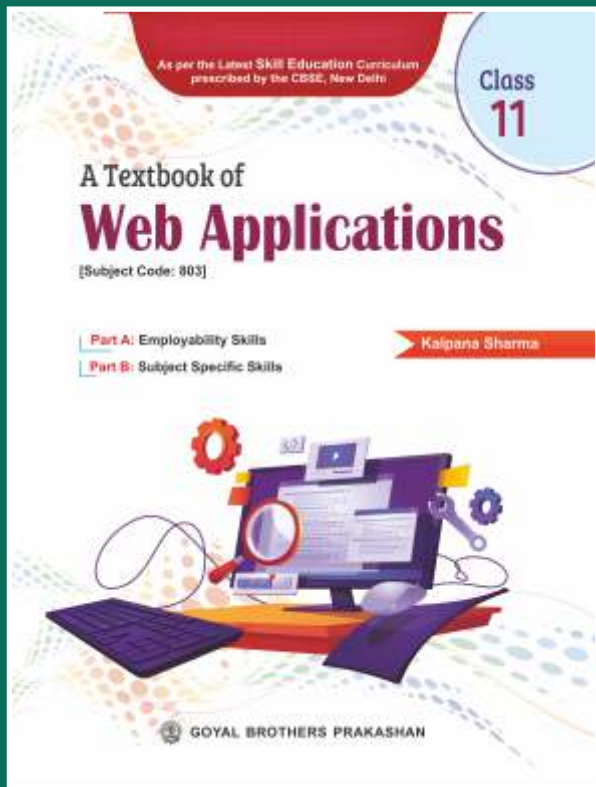
This book focuses on teaching Web Application to young learners.

It helps students to learn concepts of HTML, Javascript and CSS for inculcating web development and problem solving skills. Based on the CBSE curriculum, this book has been divided into four units: Basics of Networking and Web Architecture, Website Development using HTML and CSS, Multimedia Design – GIMP and Introduction to Dynamic Websites using JavaScript.

This book contains ample number of practical programs with easy to understand examples.

### The chapters have the following features :

- ✦ **Learning Objectives:** It describes the goals to be achieved at the end of the chapter.
- ✦ **Chapter Contents:** Concepts are explained to strengthen the knowledge base of young learners.
- ✦ **Did You Know?:** It gives some extra and useful information on the topic being covered.
- ✦ **Activity Time:** It encourages the students to explore some practical knowledge of the topic being covered.
- ✦ **Check Your Knowledge:** At the end of some topics, this section is given to evaluate the knowledge of the learners. It comprises multiple choice questions, answer the following questions and practical work.
- ✦ **Test Yourself:** It includes questions with variety of headings as Multiple choice questions, Short answer type questions(I-II) , long answer type questions, activity zone and group discussion.



Subject Code - 803



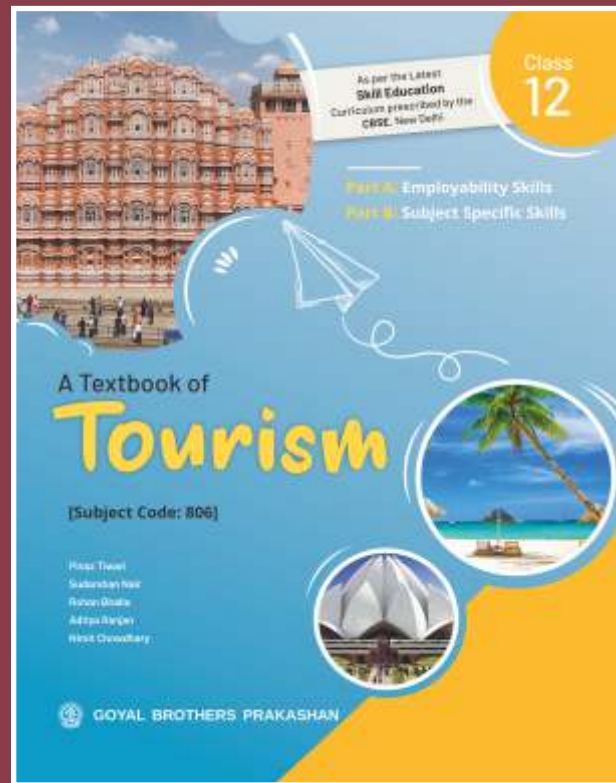
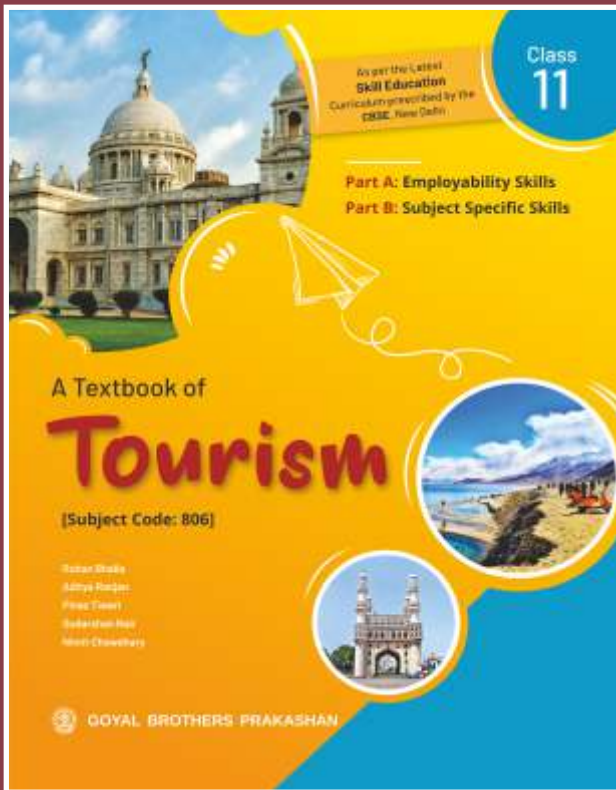
• Pinaz Tiwari • Sudarshan Nair • Rohan Bhalla • Aditya Ranjan • Nimit Chowdhary

The Tourism Sector in India is growing unprecedentedly. People's urge to discover unexplored destinations as well as to visit popular places has increased over the decades. The introduction of Travel and tourism courses as vocational subjects indicates the transformation of the Indian tourism sector. **A Textbook of Tourism for Classes 11 and 12** is designed to facilitate the job role of **Travel Blogger, Airline Staff, Hotelier, Tourism Manager, Travel Consultant, Front Office Executive, Travel Executive, Tourist Guide, Transport Agent** and **Tour Operator**.

These books have been developed as per the latest syllabus and examination pattern prescribed by the CBSE with the planned instructions consisting of units for developing employability and skills competencies among students. The books follow the guidelines of **NEP (2020)**. The language in the books is deliberately kept reader-friendly, allowing easy accessibility and grasp of knowledge.

### Each unit has been divided into the following parts :

- ✦ **Introduction:** It introduces you to the chapter's topic and learning objectives.
- ✦ **Relevant Knowledge:** This part of the unit provides you with the relevant information on the topics covered. The knowledge developed through this part will enable the students to perform certain activities listed at the end of each topic.
- ✦ **Assignment:** The various questions included in this part will help the students to check their understanding of the topics learned. The assignment consists of **MCQs, Fill in the blanks, True or False, Short Answer Questions (I & II), Long Answer Questions** and **Project-based Questions**.
- ✦ Every unit ends with **Summary** and **Glossary**.



Subject Code - 806

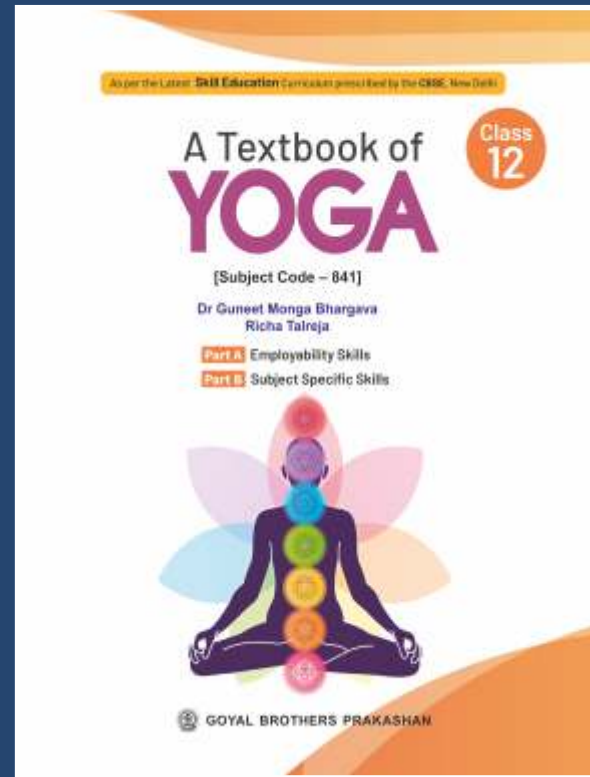
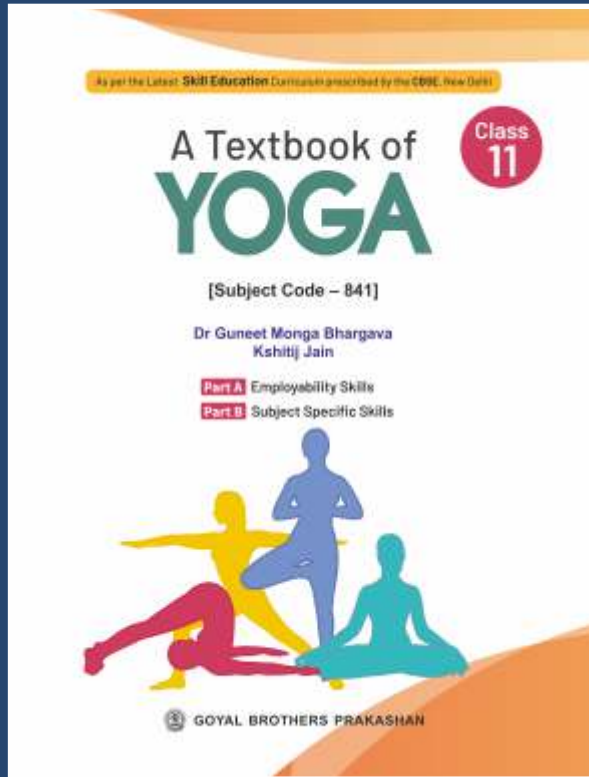
• Dr Guneet Monga Bhargava • Kshitij Jain • Hema Dhingra

**A Textbook of Yoga for Classes 11 and 12** is designed to facilitate the job roles of **Yoga Teacher, Yoga Therapist, Resource Officer in Yoga, Yoga Instructor and Naturopathy Doctor**. This book has been developed as per the latest syllabus and examination pattern prescribed by the CBSE. It follows the guidelines given in **NEP 2020**. This book is the definitive guide to the study of yoga anatomy, which provides a comprehensive foundation in the practice of yoga. It will also enlighten future generations the tremendous benefits of yoga for the body, mind and soul.

Also, it covers all aspects of yoga practice, including postures, breathing, relaxation, meditation, lifestyle and fundamental philosophy. Covering everything from basic postures to relaxation techniques and avoiding common injuries, this book is the only guide readers need to achieve their fittest, healthiest, happiest selves.

### Salient features of these books are :

- ✦ The book has three units. The **first unit** aims at basic knowledge of yoga, aims and objective, its origin, historical background, rules and regulations to be followed by yoga practitioners, major schools and introductions to Yogic practice.
- ✦ The **second unit** deals with the Yogic text i.e., *Patanjali Yoga Sutra, The Bhagwat Geeta, Hatha Pradapika* and *The Gheranda Samhita*.
- ✦ The **third unit** discusses the human body, role of yoga for health promotion, yoga attitudes, and holistic approach of yoga towards health, yogic diet and yogic lifestyle. In the demonstration and practice skills we have briefly elaborated about *Suryanamaskar, Asana, Pranayama, Bandh, Mudra* and their benefits.
- ✦ Sincere attempts have been made to keep the language of the book simple.
- ✦ The concepts have also been explained through postures and asanas. This will allow the students to have a swift reading of the books, making the content of the book easy to understand.



Subject Code - 841

# Merit Box Goyal's Online Support



TEACHER-STUDENT  
COMMUNITY



SCAN, WATCH  
AND LEARN



TEST PAPER  
GENERATOR



STUDY MATERIALS  
AND MORE



E-BOOKS FOR  
TEACHERS



LIVE CLASSES &  
WEBINARS



VIDEO LESSONS/  
ANIMATED LESSONS



ONLINE QUIZZES



**Merit Box** is a digital learning platform which contains an abundance of free online support with the books of Goyal Brothers Prakashan. It provides Video/Animated Lessons, Interactive Exercises, Study Materials, Test Paper Generator, e-Book Reader and much more.



[www.meritbox.app](http://www.meritbox.app)



**Customer Support**

+91-120-4655555

[elearning@goyal-books.com](mailto:elearning@goyal-books.com)

Available at all leading offline and online book stores





[www.meritbox.app/buy-books](http://www.meritbox.app/buy-books)



**GOYAL BROTHERS PRAKASHAN**  
EDUCATIONAL PUBLISHERS

**Sales & Registered Office :** 11/1903, Chuna Mandi, Paharganj, New Delhi - 110055 Post Box : 5720, Phones : 43551877, 43561877

E-mail : [info@goyal-books.com](mailto:info@goyal-books.com) website : [www.goyal-books.com](http://www.goyal-books.com)

**Administrative Office :** D-231, Sector 63, Noida-201301 (U.P.) Phone : 0120-4655555

# Merit Box Goyal's Online Support



TEACHER-STUDENT  
COMMUNITY



SCAN, WATCH  
AND LEARN



TEST PAPER  
GENERATOR



STUDY MATERIALS  
AND MORE



E-BOOKS FOR  
TEACHERS



LIVE CLASSES &  
WEBINARS



VIDEO LESSONS/  
ANIMATED LESSONS



ONLINE QUIZZES



**Merit Box** is a digital learning platform which contains an abundance of free online support with the books of Goyal Brothers Prakashan. It provides Video/Animated Lessons, Interactive Exercises, Study Materials, Test Paper Generator, e-Book Reader and much more.



[www.meritbox.app](http://www.meritbox.app)

**Customer Support**



+91-120-4655555



9319391199



[elearning@goyal-books.com](mailto:elearning@goyal-books.com)

Available at all leading offline and online book stores







[www.meritbox.app/buy-books](http://www.meritbox.app/buy-books)



**GOYAL BROTHERS PRAKASHAN**  
EDUCATIONAL PUBLISHERS

**Sales & Registered Office :** 11/1903, Chuna Mandi, Paharganj, New Delhi - 110055 Post Box : 5720, Phones : 43551877, 43561877

E-mail : [info@goyal-books.com](mailto:info@goyal-books.com) website : [www.goyal-books.com](http://www.goyal-books.com)

**Administrative Office :** D-231, Sector 63, Noida-201301 (U.P.) Phone : 0120-4655555