

ADVANCE DIPLOMA IN NURSERY TEACHER TRAINING

Course Code: SDEB-TT201

Minimum Qualification: 12th

Duration: 2 Years

Year 1 Syllabus

Subject Name	Subject Code	Theory Marks	Practical Marks	Total Marks	Credits
Child Development and Education	TTA-103	80	20	100	4
Teaching Methods	TTA-104	80	20	100	4
Art and Craft	TTA-105	80	20	100	4
Health and Wellness	TTH-101	80	20	100	4
Curriculum Development	TTA-101	80	20	100	4

Year 2 Syllabus

Subject Name	Subject Code	Theory Marks	Practical Marks	Total Marks	Credits
Educational Psychology	TTA-102	80	20	100	4
School Administration and Leadership	TTG-101	80	20	100	4
Basic Computer Education	TTD-101	80	20	100	4

Detailed Syllabus - Year 1

1. Child Development and Education (TTA-103)

Theory Content:

BLOCK - I: Growth and Development

Unit I: Meaning of Growth and Development

- Definitions and distinctions between growth and development.
- Stages of development: Infancy, childhood.
- Areas of development: Physical, cognitive, emotional, and social.
- Principles of growth and development.

Unit II: Importance and Principles of Development

- Significance of studying child development.
- General principles of development.
- Genetic factors in development: Hereditary influences and supportive evidence.

Unit III: Environmental Influences on Development

- Importance of environmental factors: Physical, mental, and social environments.
- Supportive evidence of the environment's role in child development.

Unit IV: Physical Growth Across Stages

- Physical growth during infancy: Newborn appearance.
- Physical growth during babyhood and early childhood: Key changes and milestones.

BLOCK - II: Development of Motor Skills

Unit V: Development of Body Parts

- Development of various body parts: Head, face, trunk.
- Changes in height and weight.
- Development of sensory skills: Sight, speech, and hearing.

Unit VI: Gross and Fine Motor Skills

- Development of gross motor skills: Running, jumping, skipping, hopping, climbing, and swimming.
- Development of fine motor skills: Activities to promote self-sufficiency and coordination.

Unit VII: Cognitive Development

- Definition and meaning of cognition.
- Psychological aspects of cognitive development.

Unit VIII: Piaget's Theory of Cognitive Development

- Overview of Piaget's theory.
- Achievements in intellectual development at different stages of childhood.

BLOCK - III: Language Development

Unit IX: Concept Acquisition and Cognitive Abilities

- Development of object concepts and imagination.
- Moral and aesthetic development in preschool children.
- Cognitive abilities of preschoolers.

Unit X: Language Development

- Stages of language acquisition: Learning to speak.
- Factors influencing language development.
- Activities and strategies to promote language skills.

Unit XI: Individual Differences in Language Acquisition

- Variations in vocabulary and grammar acquisition.
- Promoting language skills through practical activities.
- Common speech problems in childhood and strategies for addressing them.

BLOCK - IV: Socio-Emotional Development

Unit XII: Emotions in Early Childhood

- Meaning and stages of emotional development.
- Differentiation of emotions during the first two years of life.

Unit XIII: Socio-Emotional Interactions

- Understanding socio-emotional development.
- Strategies for effective interaction with infants and young children.

Unit XIV: Attachment and Trust Development

- Formation of attachment bonds.
- Learning to relate to others: Trust-building and managing temper tantrums.

Unit XV: Emotional Expressions in Children

- Common emotional behaviors: Love, fear, rivalry, anger, frustration.
 - Behavioral issues: Bed-wetting, withdrawn behavior, aggression, and stealing.
 - Techniques for managing and handling these behaviors effectively.
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Practical Tasks

- **Growth Observation:**
- Record observations of physical, motor, and language development in young children.
- Create charts to compare growth patterns at different stages.
- **Motor and Language Skill Development:**
- Design activities to promote gross and fine motor skills.
- Develop play-based strategies to enhance language acquisition.
- **Socio-Emotional Engagement:**
- Conduct role-play sessions to address common childhood emotional behaviors.
- Develop techniques to build trust and manage emotional expressions in children.

Recommended Books

- "Child Development and Education" by Teresa M. McDevitt and Jeanne Ellis Ormrod.
- "Essentials of Child Development" by John W. Santrock.
- "The Developing Child" by Helen Bee and Denise Boyd.
- "Language Development in Early Childhood" by Beverly Otto.
- "Emotional and Social Development in Childhood" by Laura Berk.



2. Teaching Methods (TTA-104)

Theory Content:

Module 1: Fundamentals of Teaching

Unit 1: The Teacher and the Child

- Role of the teacher in child development.
- Building teacher-student relationships: Trust, communication, and understanding.
- The teacher as a guide, mentor, and role model.

Unit 2: Understanding Learners

- Characteristics of young learners: Cognitive, emotional, and social aspects.
- Learning styles and preferences: Visual, auditory, and kinesthetic learners.
- Identifying and addressing individual learning needs.

Unit 3: Formal Preparatory Activities of the Teacher

- Setting learning objectives and outcomes.
- Preparing teaching materials and resources.
- Structuring lessons for maximum engagement and impact.

Unit 4: Use of Audio-Visual Aids

- Importance of audio-visual aids in teaching.
- Types of aids: Charts, flashcards, videos, and digital tools.
- Effective integration of audio-visual aids into lessons.

Module 2: Planning and Teaching Techniques

Unit 1: Lesson Plan

- Importance of lesson planning in effective teaching.
- Components of a lesson plan: Objectives, activities, resources, and assessments.
- Creating age-appropriate lesson plans for young learners.

Unit 2: General Teaching Method I

- Overview of traditional and modern teaching methods.
- Activity-based and play-based learning.
- Storytelling, dramatization, and role-play techniques.

Unit 3: General Teaching Method II

- Experiential and inquiry-based learning.
- Group activities and collaborative learning strategies.
- Techniques to make learning interactive and engaging.

Unit 4: Marking and Assignments

- Importance of assignments in reinforcing learning.
- Strategies for designing age-appropriate assignments.
- Evaluation techniques and effective feedback mechanisms.

Module 3: Assessment and Evaluation

Unit 1: Questions and Questioning Techniques

- Types of questions: Open-ended and closed-ended.
- Techniques for framing effective questions.
- Encouraging critical thinking through questioning.

Unit 2: Questions and Answers in the Classroom

- Strategies for conducting interactive Q&A sessions.
- Encouraging student participation and confidence.
- Handling incorrect answers and guiding students constructively.

Unit 3: Testing and Examination (Evaluation)

- Purpose of evaluation in the teaching-learning process.
- Types of assessments: Formative, summative, and diagnostic.
- Creating effective tests and evaluating learning outcomes.

Module 4: Classroom and Behavior Management

Unit 1: The Art of Classroom Management

- Principles of effective classroom management.
- Organizing the classroom environment for learning.
- Strategies to handle diverse classroom dynamics.

Unit 2: Dealing with Discipline Problems

- Identifying common disciplinary issues in early learners.
- Strategies for managing classroom behavior.
- Positive reinforcement and conflict resolution techniques.

Unit 3: Methods of Study

- Developing effective study habits in children.
- Role of play in learning and retention.
- Techniques for fostering curiosity and independent learning.

Practical Tasks

1. **Lesson Planning:**
 - Prepare a lesson plan for a specific topic, incorporating audio-visual aids.
 - Present the lesson to a peer group for feedback.
2. **Classroom Management Simulation:**
 - Role-play scenarios for managing classroom behavior and discipline.
 - Develop strategies for addressing specific challenges like disruptions or inattentiveness.
3. **Questioning and Assessment Design:**
 - Create a set of questions for a specific lesson topic using effective questioning techniques.
 - Design a simple test and grading rubric for evaluation.

Recommended Books

1. "The Skillful Teacher" by Jon Saphier.
2. "Classroom Management Techniques" by Jim Scrivener.
3. "Teaching Young Learners" by Ann Gordon.
4. "Effective Teaching Methods" by Gary D. Borich.
5. "Assessment in Early Childhood Education" by Sue Clark Wortham.

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3. Art and Craft (TTA-105)

Theory Content:

Module 1: Foundations of Creative Arts

1. Introduction to Creative Arts

- Importance of creative arts in child development.
- Types of creative activities: Visual arts, crafts, and performances.

2. Teaching Creative Arts

- Methods for engaging young learners in art.
- Integrating storytelling, music, and movement with arts and crafts.

Module 2: Skills and Techniques

3. Basic Art Skills

- Drawing, painting, and craft techniques.
- Use of eco-friendly and improvised materials.

4. Creative Expression

- Encouraging originality and self-expression.
- Simple craft activities: Paper folding, clay modeling, and collage.

Module 3: Art in Education

5. Art Appreciation for Children

- Teaching children to enjoy and describe artworks.
- Developing observation and interpretation skills.

6. Creative Arts in Early Education

- Benefits of art for cognitive, emotional, and motor skills development.
- Addressing challenges in teaching creative arts.

Practical Tasks

1. **Create a Portfolio:** Develop simple drawings and crafts for classroom teaching.
2. **Plan an Activity:** Conduct an art session with readily available materials.
3. **Art Display:** Organize a small exhibition of children's artwork.

Recommended Indian Books and Resources

1. "Art and Craft for Young Learners" by Nirmala Shankar.
2. "Exploring Creativity Through Arts and Crafts" by Rekha Saini.
3. "Creative Arts in Education" by NCERT Publications.

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4. Health and Wellness (TTH-101)

Block - I: Nutrition and Health

Unit I: Introduction to Nutrition and Health

- Concept of nutrition: Meaning and importance.
- Interrelation between nutrition and health.
- Indicators of health and their significance.

Unit II: Health in India

- Overview of the health situation in India.
- National Health Policy and its implications.
- Health care services and delivery systems in India.
- Strategies for ensuring health for all.

Unit III: Nutritional Requirements of Children

- Nutritional needs of children at different stages: Infancy, early childhood, and middle childhood.
- Factors influencing nutrition at various stages.

Unit IV: Planning Balanced Diets

- Steps to plan balanced diets for children of different age groups.
- Recommended dietary allowances for infants and young children.
- Emotional and psychological considerations in infant feeding.

Block - II: Nutritional Problems

Unit V: Nutritional Needs for Special Groups

- Balanced diet planning for toddlers and preschoolers.
- Nutritional requirements during pregnancy and lactation.
- Influence of lactation on nutrient needs.

Unit VI: Deficiency Diseases

- Protein-energy malnutrition (PEM) and exophthalmia.
- Causes, symptoms, treatment, and prevention of these conditions.

Unit VII: Common Nutritional Deficiencies

- Deficiency diseases caused by lack of vitamins (e.g., Vitamin B complex, Vitamin D, and Vitamin C).
- Identification, clinical features, and prevention.

Unit VIII: Childhood Ailments and First Aid

- Prevention and management of common childhood ailments.
- Introduction to childhood accidents and injury prevention.
- First aid techniques for common accidents.

Block - III: Food Supplementation Programmes

Unit IX: Nutrient Deficiency Control Programmes

- National prophylaxis programmes for Vitamin A deficiency prevention.
- National nutrition anemia control programme.
- National iodine deficiency disorders control programme.

Unit X: Food Supplementation Programmes

- Overview of programmes such as ICDS (Integrated Child Development Services), MDM (Mid-Day Meal Programme), SNP (Special Nutrition Programme), and BNP (Balwadi Nutrition Programme).
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Block - IV: Health Programmes

Unit XI: Major National Health Programmes

- National immunization programmes.
- National Family Welfare programme.

Unit XII: Health Programmes for Specific Conditions

- National programme for control of blindness.
- National mental health programme.
- Child survival and safe motherhood programme.

Unit XIII: Assessment of Nutrition Status

- Methods such as anthropometric measurements, diet surveys, and growth monitoring.
- Importance of personal hygiene as a key factor in children's health.

Practical Tasks

1. Nutrition Planning:

- Create balanced diet plans for children at various age stages.
- Assess nutritional needs during pregnancy and lactation and plan suitable diets.

2. First Aid Practices:

- Demonstrate first aid techniques for childhood injuries and common accidents.
- Role-play emergency situations to practice accident prevention and management.

3. Health Programme Analysis:

- Research and present on national nutrition and health programmes (e.g., ICDS, Mid-Day Meal).
- Analyze the impact of specific government initiatives on children's health.

Recommended Books

1. "Nutrition and Health Care" by Swaminathan M.
2. "Textbook of Pediatric Nutrition" by Samir Kumar Praharaj.
3. "ICDS: An Integrated Approach to Childhood Development" by Vinod Sharma.
4. "Nutritional Assessment" by Rosalind Gibson.
5. "First Aid Manual" by St. John Ambulance, St. Andrew's Ambulance Association, and Red Cross Society.

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5. Curriculum Development (TTA-101)

Theory Content:

Block 1: Understanding Curriculum

1. **Concepts and Components**
 - Definition of syllabus, courses of study, and curriculum.
 - Components: Learning objectives, content, methods, and evaluation.
2. **Foundations of Curriculum**
 - Philosophical, sociological, and psychological bases of curriculum.
3. **Curriculum Design**
 - Key principles and types of curriculum design.

Block 2: Types of Curriculum

4. **Curriculum Approaches**
 - Subject-centered, learner-centered, and experience-centered curricula.
5. **Core Curriculum**
 - Features and its relationship with experience-centered curricula.

Block 3: Organizing Curriculum

6. **Curriculum Construction**
 - Principles of curriculum construction and organization of content.
7. **National Frameworks**
 - Overview of **National Curriculum Framework (NCF) 2005** and its guiding principles.

Block 4: Curriculum Development and Evaluation

8. **Process of Curriculum Development**
 - Role of local authorities and state agencies like SCERT and BSE.
9. **National Agencies in Curriculum Development**
 - Contribution of CBSE and NCERT in curriculum development.

Practical Tasks

1. **Curriculum Analysis:** Evaluate an existing syllabus for its objectives and content organization.
2. **Create a Mini Curriculum:** Design a short-term curriculum for a specific age group or subject.
3. **NCF-Based Activity:** Develop an activity aligned with NCF 2005 principles.

Recommended Indian Books

1. "Curriculum Development and Evaluation" by S.K. Gupta.
2. "National Curriculum Framework 2005: A Guide" by NCERT.
3. "Foundations of Curriculum Development" by S. Rajendra.
4. "Educational Curriculum Design and Development" by A. Rani.

6. Educational Psychology (TTA-102)

Theory Content:

Unit I: Concept and Aims of Education

1. Understanding Education

- Concept, nature, and scope of education.
- Individual, social, and cultural aims of education.

2. Types of Education

- **Formal Education:** Meaning, agencies, and functions.
- **Non-Formal Education:** Meaning, agencies, and functions.
- **Informal Education:** Meaning, agencies, and functions.

Unit II: Educational Philosophy

1. Foundations of Educational Philosophy

- Concept, nature, and scope of educational philosophy.
- Relationship between education and philosophy.

2. Western Schools of Philosophy

- **Idealism:** Impact on educational thought and practice.
- **Naturalism:** Impact on educational thought and practice.
- **Pragmatism:** Impact on educational thought and practice.

Unit III: Educational Psychology

1. Introduction to Educational Psychology

- Concept, meaning, nature, and scope.
- Role of psychology in education.

2. Human Growth and Development

- Concept of growth and development.
- Stages of human development: Infancy, childhood, and adolescence.

Unit IV: Educational Sociology and Modernization

1. Understanding Educational Sociology

- Concept, nature, and scope.
- Socialization: Concept, process, and agents.

2. Education and Social Change

- Education as a tool for social change.
- Factors responsible for social change.
- School as a sub-social system.

3. Modernization

- Concept and characteristics of modernization.

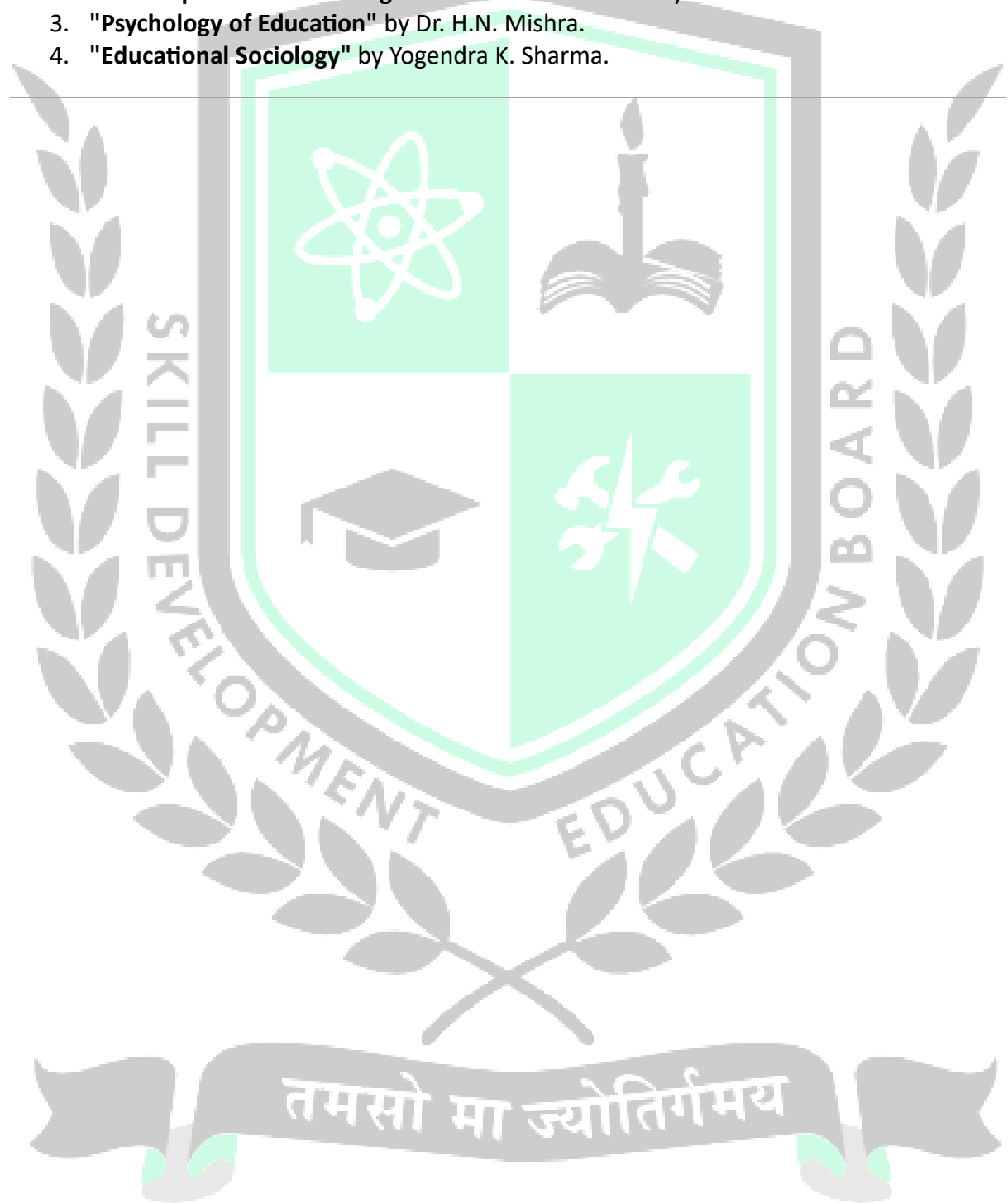
Practical Tasks

1. **Case Study:** Analyze the development stages of a child or adolescent.
2. **Philosophy in Action:** Present how Idealism, Naturalism, or Pragmatism can be applied in classroom teaching.

3. **Sociological Observation:** Observe and report on the socialization process in a school or community setting.

Recommended Indian Books

1. "Educational Psychology" by J.C. Aggarwal.
2. "Philosophical and Sociological Bases of Education" by S.P. Chaube & A. Chaube.
3. "Psychology of Education" by Dr. H.N. Mishra.
4. "Educational Sociology" by Yogendra K. Sharma.



7. School Administration and Leadership (TTG-101)

Theory Content:

Unit I: Administration as a Process

1. Understanding Administration

- Administration as a process.
- Meeting the psychological needs of employees.
- Systems approach in administration.

2. Trends in Educational Administration

- Decision making.
- Organizational compliance and development.
- Techniques like PERT (Program Evaluation and Review Technique).
- Modern trends in educational management.

Unit II: Leadership in Educational Administration

1. Foundations of Leadership

- Meaning and nature of leadership.
- Theories of leadership.

2. Leadership Practices

- Styles of leadership.
- Measurement and evaluation of leadership effectiveness.

Unit III: Educational Planning

1. Introduction to Educational Planning

- Meaning and nature of educational planning.
- Different approaches to educational planning (e.g., manpower, social demand, and cost-benefit approaches).

2. Types of Planning

- Perspective planning.
- Institutional planning.

Unit IV: Educational Supervision

1. Role of Supervision

- Meaning and nature of educational supervision.
- Supervision as a service activity.
- Supervision as a process.

2. Supervision as Leadership

- Supervisors as educational leaders.

Unit V: Aspects of Educational Management

1. Core Functions of Management

- Planning, organizing, and controlling.

2. Specialized Management Practices

- Human resource management in schools.
- Conflict management techniques.
- Time management strategies for administrators and teachers.

Practical Tasks

1. **Case Study:** Analyze the leadership style of a school administrator and its impact on school culture.
2. **Planning Exercise:** Prepare a sample institutional plan for a school, including objectives, resources, and evaluation methods.
3. **Supervisory Role-Play:** Demonstrate supervisory techniques in a simulated classroom setting.

Recommended Indian Books

1. "School Administration and Organization" by S.R. Vashist.
2. "Educational Leadership and Management" by P.K. Singh.
3. "Modern School Organization and Management" by S.K. Kochhar.
4. "Educational Administration, Planning, and Supervision" by R.P. Singh and S. Sharma.



8. Basic Computer Education (TTD-101)

Theory Content:

Unit 1: Introduction to Computers

- Definition, Characteristics, Types, and Generations.
- Components: Hardware, Software, and Networking Basics.

Unit 2: Operating System (Windows 7)

- Features and File Management.

Unit 3: Microsoft Office Overview

- Basics of MS Word, Excel, and PowerPoint.
- Ribbon Interface.

Unit 4: MS Word 2010

- Formatting, Tabs, Mail Merge, and Review Tools.

Unit 5: MS Excel 2010

- Spreadsheets, Functions, Charts, and Data Management.

Unit 6: MS PowerPoint 2010

- Creating Presentations, Animations, and Slide Shows.

Unit 7: Internet Basics

- Browsers, URLs, Search Engines, and Online Safety.

Recommended Books

- *"Computer Fundamentals"* by P.K. Sinha.
- *"Introduction to Computers"* by Peter Norton.

