## Training Schedule

Bakery and Confectionery (256)
(Theory - $\mathbf{3 0} \mathrm{hrs}$, Practical - 90 hrs )

| $\begin{aligned} & \hline \text { Session / } \\ & \text { Day } \end{aligned}$ | Lesson | Theory ( $11 / 2 \mathrm{hrs}$.) | Practical ( $\mathbf{3}^{1} / 2 \mathrm{hrs}$ ) | Self study /assignment | Learning Outcomes |
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| DAY 1 | 1. Ingredients and Equipments | 1.3 What do you bake with <br> 1.4 Selection, storage and use <br> - Non perishable <br> - Perishable <br> - Semi perishable Different types of flour and its uses <br> - Types of yeasts <br> - Chemical raising agents <br> - Salt <br> - Corn flour <br> - Milk <br> - Cream <br> - Types of shortening agents Eggs | - Undertake a market survey to study the cost and brands of the bakery ingredients available. <br> - Group discussion on selection, storage and use of; <br> - Perishable <br> - Non-perishable <br> - Semi-perishable | - Intext question 1.1, 1.2 <br> - Write a detailed report of the market survey undertaken <br> - Small group discussion with family and friends on: <br> - Perishable <br> - Non-perishable <br> - Semi-perishable | - Lists the ingredients used in bakery <br> - Selects the right quality <br> - Classifies ingredients into perishable, nonperishables and semiperishables <br> - Selects suitable methods of storage for different types of ingredients used in bakery <br> - Differentiates between: <br> - Flours <br> - Sugars <br> - Creams <br> - Raising agents <br> - Yeasts |
| DAY 2 | 1. Ingredients and Equipments | 1.5 Equipment required in bakery <br> - Light equipment <br> - Heavy equipment <br> 1.6 Selection and maintenance required <br> - Oven <br> - Proving chambers <br> - Refrigerators <br> - Deep freezers <br> - Dough mixture <br> - Work tables <br> - Storage cabinet <br> - Gas burners | - Demonstration and practice of correct handling of: <br> - Light equipment <br> - Heavy equipment <br> - Demonstration and practice of selection and maintenance required for bakery equipment. | - Intext questions 1.3 <br> - Undertake a market survey to study the cost and brands available of bakery equipment. <br> - Write a report of your survey in the practical file. | - Lists the various equipments used in bakery <br> - Selects the equipment on the basis of capacity and power <br> - Maintains the equipment for proper functioning and longer life. <br> - Lists suppliers for the equipment. |


| DAY 3 | 2. Biscuits | 2.3 classification of biscuits <br> 2.4 biscuits made from pastry dough <br> - Short crust dough <br> - Jam tarts <br> - Rich biscuits | - Demonstration and practice of making <br> - Short crust dough <br> - Jam tarts <br> - Rich biscuits | - Intext Question 2.1 <br> - Continue practice of activities done in the class | - Categorizes biscuits made using; <br> - Pastry dough <br> - Cream dough <br> - Egg white mixture <br> - Whisked egg dough <br> - Dough rich in honey other sugar syrups <br> - Makes the following <br> - Short crust dough <br> - Jam tarts <br> - Rich biscuits |
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| DAY 4 | 2. Biscuits | 2.5 Biscuits made from creamed dough <br> - Fruits biscuits <br> 2.6 Biscuits made with egg white mixture <br> - Peanut macaroons | - Demonstration and practice of making <br> - Fruits biscuits <br> - Peanut macaroons with egg white mixture | - Continue practice of activities done in the class <br> - Intext question 2.2 | - Makes the following Fruits biscuits Peanut macaroons |
| DAY 5 | 2. Biscuits | 2.7 Biscuits made from whisked egg dough <br> - Orange biscuits <br> 2.8 Biscuits made from syrup and honey dough <br> - Chocolate cookies | - Demonstration and practice of making <br> - Orange biscuits using whisked egg dough <br> - Demonstration and practice of making chocolate cookies using syrup and honey dough | - Intext Question 2.3 <br> - Continue practice of activities done in the class <br> - Record all recipes and procedure in practical file | - Makes the following: - Orange biscuits - Chocolate cookies <br> - Observes the prescribed guidelines for making quality biscuits |
| DAY 6 | 3. Cakes | 3.3 Classification of cakes <br> - Cakes without icing <br> - Cakes with icing <br> 3.4 General methods of making cake <br> - Rubbing in method <br> - Creaming method <br> - Whisking method <br> - All in one method <br> - Preparing tins for baking <br> - To line a tine round or square | - Undertake group discussion on: <br> - Cakes without icing <br> - Cakes with icing <br> - Demonstration and practice of the following: <br> - Rubbing in method <br> - Creaming method <br> - Whisking method <br> - All in one method to line a tin round or square | - Intext question 3.1 <br> - Continue practice of the activities done in the class <br> - Record the procedure adopted in the practical file. | - Classifies and identifies cakes as: <br> - Without icing <br> - With icing <br> - Undertakes the following activities <br> - Rubbing in method <br> - Creaming method <br> - Whisking method <br> - All in one method to line a tin round or square <br> - Observes the prescribed guidelines of making cakes and lining of a tin. |


| DAY 7 | 3. Cakes | 3.5 Cakes without icing <br> - Butter sponge <br> - Caramel cake <br> - Madeira cake <br> - Victoria cake <br> - Swiss roll <br> 3.6 Faults and remedies in cakes baking <br> - Collapsed cake with white spots <br> - Baked with peeled top <br> - Cake with flat top <br> - Structural faults <br> - Texture faults <br> - Crust faults <br> - Colour faults <br> - Miscellaneous faults | - Demonstration and practice of making the following : <br> - Butter sponge <br> - Caramel cake <br> - Madeira cake <br> - Victoria cake <br> - Swiss roll <br> - Undertake <br> group <br> discussion on the following topics: <br> - Structural faults <br> - Texture faults <br> - Crust faults <br> - Colour faults <br> - Miscellaneous faults | - Intext question 3.2 <br> - Continue practice of activities done in the class <br> - Record the procedures adopted for making of different cakes learnt in the practical file. | - Makes the following cakes without icing: <br> - Butter sponge <br> - Caramel cake <br> - Madeira cake <br> - Victoria cake <br> - Swiss roll <br> - Identifies and takes remedial action for the following faults: <br> - Baked with peeled top <br> - Cake with flat top <br> - Structural faults <br> - Texture faults <br> - Crust faults <br> - Colour faults <br> - Collapsed cake with white spots |
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| DAY 8 | 3. Cakes | 3.7 Decorated cakes <br> - Cream and fruit cake <br> - Black forest cake <br> - Chocolate truffle cake <br> - Butter icing cake <br> - Royal icing cake <br> - Fatless sponge <br> - Fatless chocolate cake | - Demonstration and practice of following decorated cakes: Cream and fruit <br> Black forest cake Chocolate truffle Butter icing cake Royal icing cake Fatless sponge <br> - Fatless chocolate | - Intext question 3.3 <br> - Continue practice of decorated cakes done in the class <br> - Record the procedures adopted for making different decorated cakes learnt in the practical file | - Makes the following decorated cakes: <br> - Cream and fruit cake <br> - Black forest cake <br> - Chocolate truffle cake <br> - Butter icing cake <br> - Royal icing cake <br> - Fatless sponge <br> - Fatless chocolate cake |
| DAY 9 | 4. Icings | 4.3 What you will need <br> 4.4 The Basic process <br> - Preparing a cake base <br> - Giving filling in the cake <br> - Applying icing on top and sides <br> - Piping and decoration <br> - Preparing a piping bag. <br> 4.5 The Icings <br> - Butter icings | - Demonstration and practice of making : <br> - Icing and applying icings on top and sides <br> - Preparing a piping bag <br> - Butter icings and its variations | - Intext Question 4.1 <br> - Continue practice of making icings and icings piping bag done in the class <br> - Record the procedures in the practical file | - Applies icing s on top and sides of the cake <br> - Prepares piping bag and uses it to make different designs <br> - Prepares and uses different variations of butter icings like: <br> - Chocolate butter icing <br> - Coffee butter icing <br> - Lemon/orange icing <br> - Vanilla butter cream <br> - Walnut butter cream |


|  |  | - Its variation <br> - Chocolate butter icing <br> - Coffee butter icing <br> - Lemon/orange butter icing |  |  | - Observes the prescribed precautions for: Making of icings Using of piping bag for decorations |
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| DAY 10 | 4. Icings | 4.6 Cream icing <br> - Cream and fruits cake <br> 4.7 Marzipan <br> 4.8 Royal Icings <br> 4.9 Glace icings <br> 4.10 Fondant icing <br> 4.11 Chocolate icings | - Demonstration and practice of the following: <br> - Cream Icings <br> - Cream and fruit cake <br> - Marzipan <br> - Royal icings <br> - Glace icings <br> - Fondant icings <br> - Chocolate icings | - Intext Question 4.2 <br> - Continue practice of making incings done in the class <br> - Record the procedures adopted for each in the practical file | - Makes different types of cream icings like: <br> - Cream icings <br> - Cream and fruit cake <br> - Marzipan <br> - Royal icings <br> - Glace icings <br> - Fondant icings <br> - Chocolate icings <br> - Observes the prescribed precautions while making cream icings. |
| DAY 11 | 5. Pastes or mixtures | 5.3 The basic paste <br> 5.4 To make a good paste Do's and don'ts <br> 5.5 Learn the pastes <br> - Short crust paste <br> - Flakey pastry and puff pastry <br> - Similarities and differences <br> - What went wrong | - Demonstration and practice of making of the following pastes: <br> - Short crust paste <br> - Flaky pastry and puff pastry | - Intext Question 5.1 <br> - Continue practice of making pastes done in the class <br> - Record the procedures adopted in the practical file | - Makes the following pastes: <br> - Short crust paste <br> - Flaky pastry and puff pastry <br> - Observes the prescribed do's and don'ts of making paste <br> - Differentiates between <br> - Short crust paste <br> - Flaky pastry and puff pastry |
| DAY 12 | 5. Pastes or mixtures | 5.7 Variations of puff and flaky paste <br> - Vegetable patties <br> - Mushroom vol-au-vent - Khara biscuits <br> 5.8 Choux paste <br> 5.9 What can go wrong? <br> 5.10 Variations of Choux pastes <br> - Chocolate and éclairs <br> - Profiterole suchard <br> - Cream puff <br> 5.11 Danish pastry | - Demonstration and practice of making the following: <br> - Vegetable patties <br> - Mushroom vol-auvent <br> - Khara biscuits <br> - Choux paste <br> - Chocolate and éclairs <br> Profiterole suchard Cream puff Danish pastry | - Intext question 5.2 <br> - Continue practice of making activities done in the class <br> - Record the procedures of making pastes in the practical file | - Makes the following: <br> - Vegetable patties <br> - Mushroom vol-au-vent <br> - Khara biscuits <br> - Choux paste <br> - Chocolate and éclairs <br> - Profiterole suchard <br> - Cream puff <br> Danish pastry <br> - Observes the prescribed precautions of making pastes <br> - Identifies and rectifies |


|  |  |  |  |  | faults that can occur in making of paste |
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| DAY 13 | 6 Bread and Bread rolls | 6.3 Basics of bread making <br> 6.4 Terms used <br> In bread making <br> - Dough <br> - Mixing <br> - Kneading <br> - Fermentation <br> - Rising <br> - Knocking back <br> - Proving <br> - Glazing <br> 6.5 Different Types of bread and bread products <br> - Bread rolls <br> - Different types of rolls | - Demonstration and practice of making dough for breads and rolls using: <br> - Mixing <br> - Kneading <br> - Fermentation <br> - Rising <br> - Knocking back <br> - Proving <br> - glazing <br> - Demonstration and practice of making the following rolls: <br> - Similar round <br> - Single knot <br> - Double knot <br> - Clover leaf rolls <br> - Coiling a turban <br> - Plaits | - Intext Questions 6.1, 6.2 <br> - Continue practice of making dough for bread and different types of rolls <br> - Write the procedure adopted in the practical file. | - For bread making undertakes the following activities: <br> - Makes the following types of rolls; <br> - Similar round <br> - Single knot <br> - Double knot <br> - Clover leaf rolls <br> - Coiling a turban <br> - Plaits <br> - Explains the theory related to bread making process <br> - Lists the various raw material use and their purpose <br> - Enumerates the common terms used in the bread making process |
| DAY 14 | 6 Bread and Bread rolls | - Hamburger roll <br> - Fruit buns <br> - Bread loaf <br> - Milk Bread <br> - Brown Bread <br> 6.6 How to judge quality of bread <br> - External characteristics <br> - Internal characteristics <br> 6.7 Bread faults and their remedies <br> 6.8 Bread diseases | - Demonstration and practice of making the following: <br> - Hamburger roll Hamburger roll Fruit buns Bread loaf Milk Bread Brown Bread <br> - Group discussion the following <br> - Quality of bread <br> - Bread faults and remedies <br> - Bread diseases | - Intext Question 6.3 <br> - Continue practice of different activities done in the class. <br> - Write the procedure in the practical | - Makes the following products: <br> - Hamburger roll fruit buns <br> - Bread loaf <br> - Milk bread <br> - Brown bread <br> - Identifies and explains the internal and external characteristics of quality bread <br> - Identifies common faults and diseases likely to occur in bread products, their causes and suggest remedies for the some. |
| DAY 15 | 7. Danish pastries and croissant | 7.3 Brioche <br> 7.4 Doughnuts methods of preparing | Demonstration and practice of making the following: <br> - Brioche <br> - Doughnuts | - Visit the neighbourhood bakery to study the different variation of brioche and doughnuts available and | - Assembles the raw materials required in correct quantity for making brioche and |


|  |  |  |  | collect recipes <br> - Practice making of the variations and record recipes in the practical file. | doughnuts. <br> - Adopts the correct procedures of making brioche and doughnuts <br> - Observes the correct procedures of adding starter dough to dough and kneading thoroughly <br> - Is aware of the role of knock back and rising of the dough |
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| DAY 16 | 7. Danish pastries and croissant | 7.5 Croissant or crescent rolls <br> - Material for the dough <br> - Preparing the dough <br> - Mixing and fermentation <br> - Rolling and addition of fat <br> 7.6 Danish party <br> - Almond filled pin wheels | - Demonstration and practical of the following: <br> - Preparing the dough <br> - Mixing and fermentation <br> - Rolling and addition of fat for making of croissant and crescent rolls <br> - Demonstration and practice of making the following Danish pastry | - Intext Question 7.1, 7.2 <br> - Visit the neighbourhood bakery to study the different variation of croissant or crescent rolls and Danish pastry available and collect recopies <br> - Practice making of the variations and record recipes in the practical file | - Describes different types of croissant or crescent rolls and Danish party list and uses various enriching agents. <br> - Demonstrates the correct procedures of preparing them. <br> - Devices variations in dough, filling and shapes. <br> - Adopts the correct temperature and time for baking these products. |
| DAY 17 | 8. Accounting procedures | 8.3 Jargon made easy <br> i. Transaction <br> ii. Account <br> iii. Goods <br> iv. Debit <br> v. Credit <br> vi. Deblor <br> vii. Creditor <br> viii. Double entry system of book keeping and accounting <br> ix. Assets <br> x. Liability <br> xi. Capital <br> 8.4 Stages of accounting <br> 1. Primary entry <br> 2. Secondary entry <br> 3. Final accounts | Group discussion on the following <br> i. Transaction <br> ii. Account <br> iii. Goods <br> iv. Debit <br> v. Credit <br> vi. Deblor <br> vii. Creditor <br> viii. Double entry system of book keeping and accounting <br> ix. Assets <br> x. Liability <br> xi. Capital <br> xii. Stages of accounting Record the outcomes of the discussions in the practical file. | - Intext Question 8.1 <br> - Visit at least 2 Bakery units and discuss about the methods adopted for maintaining the accounts <br> - Write a report on the outcomes in the practical file | - Demonstration awareness of the basic language used in accounting. <br> - Differentiates between personal, real and nominal account <br> - Maintains purchase, sales and sales return account <br> - Uses the double entry system of book-keeping and accounting <br> - Differentiates between assets, liabilities and capital <br> - Primary entry, secondary entry and final accounts |


| DAY 18 | 8. Accounting procedures | 8.5 Journal <br> - Personal account <br> - Real account <br> - Nominal account <br> 8.6 Ledger <br> - Posting of Journal entries into the ledger <br> - Balancing of account <br> 8.7 Trial balance | - Demonstration of Journalizing the various entries with regard to personal, real and nominal account <br> - Practice of transferring of period from the journal to ledger and balancing of account <br> - Demonstration the procedures of preparing the trail balance. | - Intext Question 8.2, 8.3, 8.4 <br> - Continue practice of the following; <br> - Journalizing <br> - Ledgering <br> - Trial balancing | - Differentiates between personal, real and nominal accounts in journalizing <br> - Posts the journal narration in the ledger <br> - Successfully balances accounts <br> - Prepares a trial balance statement to check accuracy |
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| DAY 19 | 8. Accounting procedures | 8.8 How to purchase raw material <br> i) From supplier <br> ii) From open market 8.9 Costs <br> - Material cost <br> - Overhead cost <br> - Labour cost <br> 8.10 Profit <br> - Gross profit <br> - Net profit <br> 8.11 Selling price | - Group discussion on the following: <br> - Purchasing from supplier <br> - Purchasing from open market <br> - Material cost <br> - Overhead cost <br> - Labour cost <br> - Demonstration of the procedures of calculating gross profit, net profit and selling price | - Intext Question 8.5 <br> - Continue practice of the following ; <br> - Gross profit <br> - Net profit <br> - Selling price | - Purchases material from suppler and open - market <br> - Differentiates between material overhead and labour cost <br> - Use relevant information to calculate the following; <br> - Gross profit <br> - Net profit <br> - Selling price <br> - Designs the accounting procedures of fixing selling price of items prepared |
| DAY 20 | 9. Glossary of Bakery Terms | - Understand and explains the 120 bakery terms listed in the chapter | - Undertake a visit to a Bakery unit to understand the bakery terms used their <br> - Demonstration of the bakery terms for better understanding | - Undertake a group discussion on different bakery terms and what they refer to <br> - Make a chart showing the glossary of bakery terms | - Appreciates the need to learn the specific bakery terms used <br> - Differentiates between the different bakery terms <br> - Uses appropriate terms to indicate activities taken in bakery. |
| DAY 21 | Project 1 <br> Journalize the followi <br> - December 1 <br> - December 4 <br> - December 7 <br> - December 11 <br> - December 13 <br> - December 17 | transactions in the books of M Singh Started business with chased goods by cash for Rs. d goods by cash for Rs. 17,000 urchased goods from Delhi Sto eturned defective goods to De old goods to Mr. Iyer for Rs. 7, | Singh for December 2018. <br> h Rs. 50,000/- and bank balan ,000/- <br> s for Rs. 22,000/- <br> Stores for Rs. 3,000 <br> $0 /-$ on credit | of Rs. 2,00,000/- |  |


|  | - December 19 Goods for Rs. 3,000/- returned by Mr. Iyer <br> - December 21 Cash Sales Rs. 2,00/- <br> - December 22 Paid wages to Peon Rs. 3,500/- <br> - December 24 Cash received from Mr. Iyer Rs. 2500/- <br> - December 26 Cash paid to Delhi Stores Rs. 10,000/- <br> - December 29 Purchased printer for Rs. 7,500/- by cash <br> - December 31 Paid Rs. 3,000/- wide cheque as rent <br> - December 31 Paid Rs. 4,000/- cash as salary to office boy |
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| DAY 22 | Project 2 <br> Make a cake for your friend's birthday party weighing 2 kg . The friend has suggested the following : <br> - Caramel cake as base cake <br> - For decoration use the following: <br> Royal icing <br> A layer of marzipan <br> Use strawberry cherry |
| DAY 23 | Project 3 <br> Make brown breads using 1 kg . of flour with the following variations; <br> 1. Milk <br> 2. Fruits (candied) <br> 3. Egg wash and sesame seeds on top |
| DAY 24 | Project 4 <br> Develop four recipes and used them to make cookies using the flowing dough's: <br> 1. Egg white mixture <br> 2. Creamed dough <br> 3. Whisked egg dough <br> 4. Syrup and honey dough |

