



WEST BENGAL STATE COUNCIL OF TECHNICAL & VOCATIONAL EDUCATION AND SKILL DEVELOPMENT

(A Statutory Body under Government of West Bengal Act XXVI of 2013)

Department of Technical Education, Training & Skill Development, Government of West Bengal

Karigari Bhavan, 4th & 5th Floor, Plot No. B/7, Action Area-III, Newtown, Rajarhat, Kolkata-700 160

Memo No.: WBSCTVESD/CAO/2025-26/85

Date: 06/01/2026

NOTIFICATION

This is for information to all the Heads of Institutions, teachers, instructors, students, guardians and other stakeholders of Higher Secondary (Vocational) courses running in Vocational Training Centers (VTCs) under West Bengal State Council of Technical and Vocational Education and Skill Development (WBSCTVESD) that this council has taken an initiative to revise the curriculum of Higher Secondary (Vocational) courses. The course curriculum was last revised in the year 2015. Suggestions / feedback had been received over the years from various stakeholders regarding some changes required in the existing course curriculum. An Advisory Committee was constituted for the said purpose. Now, in alignment with the suggestions received from different stakeholders and the members of the Advisory Committee, the draft revised curriculum has been drawn which is in line with the State Education Policy - 2023.

The draft revised curriculum is attached herewith for further comments from all the stakeholders. The same is also available in the Council's portal: '<https://sctvesd.wb.gov.in>' under the notice section. The comments should be sent through email at 'feedback.hsvoc@gmail.com' by 20th January 2026.

All the Nodal offices are requested to take note and circulate this notification among the VTCs.

**Chief Administrative Officer
(WBSCTVESD)**

Memo No.: WBSCTVESD/CAO/2025-26/85

Date: 06/01/2026

Copy to:

- 1) The Chairperson, WBSCTVESD
- 2) The Sr. PA to Addl. Chief Secretary, TET&SD Dept., Govt. of WB with a request to kindly inform the Addl. Chief Secretary, TET&SD Dept.
- 3) The Director Vocational Education and Training, Govt. of West Bengal
- 4) Sr. AO(Exam.), WBSCTVESD
- 5) The principal/PIC/Nodal Officer - for information & dissemination of information to all the stakeholders
- 6) All the VTCs - for circulation to the teachers, instructors, students, guardians and other stakeholders

**Chief Administrative Officer
(WBSCTVESD)**



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(A Statutory Body under Government of West Bengal Act XXVI of 2013)
Department of Technical Education, Training & Skill Development, Government of West Bengal
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Draft Revised Curriculum for Higher Secondary (Vocational)

This is for information to all the Heads of Institutions, teachers, instructors, students, guardians and other stakeholders of Higher Secondary (Vocational) courses running in Vocational Training Centers (VTCs) under West Bengal State Council of Technical and Vocational Education and Skill Development (WBSCTVESD) that this council has taken an initiative to revise the curriculum of Higher Secondary (Vocational) courses. The course curriculum was last revised in the year 2015. Suggestions / feedback had been received over the years from various stakeholders regarding some changes required in the existing course curriculum. An Advisory Committee has also been constituted for the said purpose. Now, after careful consideration of the suggestions received from different stakeholders and the members of the Advisory Committee and in line with the State Education Policy - 2023, A draft revised curriculum has been drawn as stated herein under which is now placed for further comments from all the stakeholders.

Salient features of the draft revised curriculum are detailed below:

A. Names of the Disciplines of Higher Secondary (Vocational) courses:

1. The names of the Disciplines remain unchanged as in the existing curriculum. Hence, there will be five disciplines named as, i) Agriculture (AG), ii) Business & Commerce (BC), iii) Engineering & Technology (ET), iv) Home Science (HS) and v) Healthcare Science (HC)

B. Names of the Groups under respective Disciplines of Higher Secondary (Vocational) courses:

● Discipline: Agriculture (AG)

1. In the Agriculture discipline, the 'Group' named "Cultivation of Fruits & Vegetable (AGCF)" will be merged with the already existing Group named "Horticulture (AGHC)".
2. The name of the 'Group' "Fish Farming(AGFF)" will be renamed as "Fisheries (AGFH)"
3. Hence, there will be five groups in AG discipline named as, i) Animal Husbandry (AGAH), ii) Fisheries (AGFH), iii) Crop Management (AGCM) , iv) Horticulture (AGHC) and v) Plant Management (AGPM)

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● Discipline: Engineering & Technology (ET)

4. All the Groups of Engineering & Technology discipline will remain unchanged as in the existing curriculum. Hence there will be eight groups in ET discipline named as, i) Building Construction Maintenance (ETBC), ii) Automobile Technology (ETAT), iii) Refrigeration & Air Conditioning (ETRA), iv) Renewable Energy (ETRE), v) IT Infrastructure and Application (ETIT), vi) Electrical Maintenance & Installation (ETEM), vii) Consumer Electronics (ETCE) and viii) AI - ML (Artificial Intelligence & Machine Learning) (ETAM)

● Discipline: Business & Commerce (BC)

5. In the Business & Commerce discipline, groups named “Retail Service & Operations (BCRS)” and “Taxation & Management (BCTM)” will be discontinued. The other two groups of the Business & Commerce discipline will remain unchanged.
6. Two new groups will be introduced named, “Accounting & Finance (BCAF)” and “Retail Operations (BCRO).”
7. Hence, there will be four groups in Business & Commerce discipline named as, i) Library & Information Science (BCLS), ii) Travel, Tourism & Event Management (BCTE), iii) Accounting & Finance (BCAF) and iv) Retail Operations (BCRO).

● Discipline: Home Science (HS)

8. The group “Home Management (HSHM)” will be renamed as “Human Development And Resource Management (HSHR)”
9. Hence there will be two groups in Home Science discipline named as, i) Food and Nutrition (HSFN) and ii) Human Development And Resource Management (HSHR)

● Discipline: Healthcare Science (HC)

10. The Group of Healthcare Science discipline will remain unchanged. Hence there will be one group in Healthcare Science discipline named as, i) Community Healthcare (HCCH)

C. Academic Structure of Higher Secondary (Vocational) Course:

1. The Higher Secondary (Vocational) Course will consist of four parts, i.e. Semester I, Semester II, Semester III and Semester IV.
 - a) Class XI will consist of Semester I and Semester II, while Class XII will consist of Semester III and Semester IV.
 - b) The curriculum of the Semester I and Semester II (i.e. : Class XI) shall consist of:

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- (i) Two Language Papers to be chosen from the Language Group as mentioned in 'Table 1', one subject from 'Language 1' and the other from 'Language 2'.
 - (ii) Two Basic Vocational Papers to be chosen from 'Table 2' for respective disciplines.
 - (iii) Two Academic Elective Papers to be chosen from sets as mentioned in 'Table 4' for respective disciplines.
 - (iv) One Optional Paper, if desired, may be chosen from the designated set from which two Academic Elective subjects have already been chosen.
 - (v) Hence, in Semester I and Semester II (i.e.: Class XI), candidates will mandatorily choose six subjects (two Language Papers, two Basic Vocational Papers and two Academic Elective Papers). One Optional Elective Paper may or may not be opted. If opted, it should only be from the respective set of Academic Elective Papers. If such Optional Paper is opted, there will be seven subjects for which candidates will sit for the examinations of Semester I and Semester II (i.e.: Class XI). If such Optional Paper is not opted in Semester I and Semester II (i.e.: Class XI), candidates will not be permitted to opt Academic Elective Paper as Optional Elective Paper in Semester III and Semester IV (i.e.: Class XII)
 - (vi) A candidate will be declared passed in Semester I and Semester II (i.e.: Class XI), if S/he obtains minimum thirty per centum marks independently in both the Language Papers, both the Basic Vocational Papers and any of the Academic Elective Papers (including the Optional Elective Paper).
- c) The curriculum of the Semester III and Semester IV (i.e. : Class XII) shall consist of:
- (i) Two Language Papers to be chosen from the Language Group as mentioned in 'Table 5', one subject from 'Language 1' and the other from 'Language 2'. The choice of two Language Papers will remain the same as that of the opted Language Papers in Class XI.
 - (ii) Two Vocational Papers to be chosen from any of the given sets of a particular 'Group' under respective discipline as mentioned in 'Table 6' for Agriculture discipline, 'Table 7' for Engineering & Technology discipline, 'Table 8' for Business & Commerce discipline, 'Table 9' for Home Science discipline and 'Table 10' for Healthcare Science discipline.
 - (iii) Two Academic Elective Papers from any of the five sets as mentioned in 'Table 11' for respective disciplines, subject to other conditions specified in the Important Note mentioned below.

Important Note:

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- Two Academic Elective Papers of Semester III and Semester IV (i.e. : Class XII), will remain the same as that of the chosen two Academic Elective Papers of Semester I and Semester II (i.e. : Class XI), only if, minimum thirty per centum marks is secured independently in both the subjects. If one fails to secure minimum thirty per centum marks in any of the subjects, continuation of that subject in Semester III and Semester IV (i.e. : Class XII) will not be permitted.

(iv) One Optional Elective Paper, if desired, may be chosen from the designated set (as per Table 4) from which two Academic Elective Papers have already been chosen or from the designated set (Table 6 to table 10) from which two Vocational Papers have already been chosen, subject to other conditions specified in the Important Note mentioned below.

Important Note:

- Optional Elective Paper may or may not be opted in Semester III and Semester IV (i.e. : Class XII).
- If one desires to opt any of the Academic Elective Papers from the designated set as the Optional Paper in Semester III and Semester IV (i.e. : Class XII), it will only be permitted in the case where one has already opted the same paper in Semester I and Semester II (i.e. : Class XI) and has secured minimum thirty per centum marks in it. S/he will not be permitted to choose any new Academic Elective Paper in Semester III and Semester IV (i.e. : Class XII).
- One may opt any of the Vocational Papers from the designated set (Table 6 to table 10) as the Optional Paper in Semester III and Semester IV (i.e. : Class XII).

(v) A candidate will be declared passed in Semester III and Semester IV (i.e.: Class XII), if S/he obtains minimum thirty per centum marks independently in both the Language Papers, both the Vocational Papers and any of the Academic Elective Papers (including the Optional Paper which may be an Academic Elective Paper or a Vocational Paper in Semester III and Semester IV).

D. General Structure of Semester I and Semester II (i.e. Class XI):

1. In Semester I and Semester II (i.e. Class XI), there will be two Language Papers (Subject 1 and Subject 2), two Basic Vocational Papers (Subject 3 and Subject 4) and two/three Academic Elective papers (Subject 5, Subject 6 and Subject 7). “Subject 7” will be an Optional Paper which may or may not be opted. “Subject 1” and “Subject 2” will be termed as “Language 1” and “Language 2” respectively. “Subject 3” and “Subject 4” will be termed as “Basic Vocational Paper 1” (herein after referred as ‘BVP1’) and “Basic Vocational Paper 2” (herein after referred as ‘BVP2’) respectively. “Subject 5”, “Subject 6” and “Subject 7” {if opted}, will be termed as “Academic Elective 1” (herein after referred as ‘AE1’), “Academic Elective 2” (herein after referred as ‘AE2’) and

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“Academic Elective 3” (herein after referred as ‘AE3’) respectively. The general structure of Semester I and Semester II is shown in “Table 1”.

Table 1: General Structure of Semester I and Semester II

Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	Subject 7 (Optional)
Bengali or Hindi or Urdu or Nepali (Language 1)	English (Language 2)	Basic Vocational Paper 1 (BVP1)	Basic Vocational Paper 2 (BVP2)	Academic Elective 1 (AE1)	Academic Elective 2 (AE2)	Academic Elective 3 (AE3)

E. Language Papers (Subject 1 and Subject 2) of Semester I and Semester II (i.e. Class XI):

1. The choice of two language papers (Subject 1 and Subject 2) in Semester I and Semester II (i.e. Class XI) for all the disciplines will be as shown in Table 1.

F. Basic Vocational Papers (Subject 3 and Subject 4) of Semester I and Semester II (i.e. Class XI):

1. The Basic Vocational Papers i.e. ‘BVP1’ and ‘BVP2’ of all the five disciplines (AG, ET, BC, HS, HC) will have Employability Skills I (ES-I) and Employability Skills II (ES-II) respectively as one of their components. Employability Skills I (ES-I) will have the content of Enterprise Skills and Employability Skills II (ES-II) will have the content of Digital Skills. Thus existing common subject group i.e.: Entrepreneurship Development and Computer Application (EDCA) will be discontinued as a separate paper.
- **Discipline: Agriculture (AG)**
 - 2. The two Basic Vocational Papers which will be taught in Semester I and Semester II in all the five ‘Groups’ of Agriculture Discipline are “Basic Agricultural Practices and Enterprise Skills (BAPE)” and “Basic Animal Husbandry and Digital Skills (BAHD)” to be treated as ‘BVP1’ and ‘BVP2’ respectively.
 - **Discipline: Engineering & Technology (ET)**

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3. In Engineering & Technology discipline, “Basic Applied Mechanics and Enterprise Skills” will be taught as ‘BVP1’ for all the ‘Groups’ of ET discipline in Semester I and Semester II. “Foundation of Technical Trades and Digital Skills” will be taught as ‘BVP2’ for respective Groups.

The choice of subjects for ‘BVP2’ will be different for different ‘Groups’ of ET discipline which are mentioned below.

i) “Foundation Course on Civil and Digital Skills (FCWD)” for Building Construction Maintenance group

ii) “Foundation Course on Mechanical & Automobile and Digital Skills (FAWD)” for Automobile Technology group

iii) “Foundation course on Mechanical & Cooling System and Digital Skills (FMWD)” for Refrigeration & Air Conditioning group

iv) “Foundation course on Renewable Energy and Digital Skills (FRWD)” for Renewable Energy group

v) “Foundation course on Computer Hardware and Security and Digital Skills (FHWD)” for IT Infrastructure and Application group

vi) “Foundation course on Electrical and Digital Skills (FEWD)” for Electrical Maintenance & Installation group

vii) “Foundation course on Electronics and Digital Skills (FLWD)” for Consumer Electronics group

viii) “Foundation course on AI-ML and Digital Skills (FIWD)” for AI - ML (Artificial Intelligence & Machine Learning) group

4. The ‘BVP2’ papers of all the eight ‘Groups’ of Engineering & Technology discipline mentioned above, will have ‘Workshop’ as one of the components. Any two workshops are to be chosen from ‘House Wiring’ / ‘Fitting’ / ‘Welding’ / ‘Carpentry’ / ‘Electronics Workshop’.

- **Discipline: Business & Commerce (BC)**

5. Two distinct subjects will be introduced as ‘BVP1’ and ‘BVP2’ for Business & Commerce discipline which are i) “Basic Management Principles and Enterprise Skills (BMPE)” and ii) “Basic Accounting and Digital Skills (BADS)”

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- **Discipline: Home Science (HS)**

6. In Home Science discipline, there will be two Basic Vocational Papers which are i) Basic Lifestyle Management and Enterprise Skills (BLME) and ii) Basic Early Childhood Care and Digital Skills (BECD)

- **Discipline: Healthcare Science (HC)**

7. The two Basic Vocational Papers of Healthcare Science discipline will be same as HS discipline which are i) Basic Lifestyle Management and Enterprise Skills (BLME) and ii) Basic Early Childhood Care and Digital Skills (BECD)
8. The following 'Table -2' may be referred for details of Basic Vocational Papers of Semester I and Semester II (Class XI) of all the disciplines.

Table 2: Basic Vocational Papers of Semester I and Semester II (Class XI)

Agriculture	Engineering & Technology	Business & Commerce	Home Science	Healthcare Science
1. Basic Agricultural Practices and Enterprise Skills 2. Basic Animal Husbandry and Digital Skills	1. Basic Applied Mechanics and Enterprise Skills 2. Foundation of Technical Trades and Digital Skills Refer to the following table (Table-3)	1. Basic Management Principles and Enterprise Skills 2. Basic Accounting and Digital Skills	1. Basic Lifestyle Management and Enterprise Skills 2. Basic Early Childhood Care and Digital Skills	1. Basic Lifestyle Management and Enterprise Skills 2. Basic Early Childhood Care and Digital Skills
Important Note: The Basic Vocational Papers mentioned above, i.e. 'BVP1' and 'BVP2' of all the five disciplines (AG, ET, BC, HS, HC) will have Employability Skills I (ES-I) and Employability Skills II (ES-II) respectively as one of their components. Employability Skills I (ES-I) will have the content of Enterprise Skills and Employability Skills II (ES-II) will have the content of Digital Skills.				

Table 3: List of 'BVP2' papers of all the eight 'Groups' of Engineering & Technology discipline

Sl. No.	Group Name	Suggestive Basic Vocational Paper II for Engineering & Technology Group (choose any one as BVP 2)
1	Building Construction Maintenance	Foundation Course on Civil and Digital Skills (FCWD) (Basic Civil Theory & Workshop + Digital Skills)

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2	Automobile Technology	Foundation Course on Mechanical & Automobile and Digital Skills (FAWD) (Basic Mechanical & Automobile Theory & Workshop + Digital Skills)
3	Refrigeration & Air Conditioning	Foundation course on Mechanical and Cooling System and Digital Skills (FMWD) (Basic Mechanical & Cooling System Theory & Workshop + Digital Skills)
4	Renewable Energy	Foundation course on Renewable Energy and Digital Skills (FRWD) (Basic Renewable Energy Theory & Workshop + Digital Skills)
5	IT Infrastructure and Application	Foundation course on Computer Hardware and Security and Digital Skills (FHWD) (Basic Computer Hardware & Security Theory & Workshop + Digital Skills)
6	Electrical Maintenance & Installation	Foundation course on Electrical and Digital Skills (FEWD) (Basic Electrical Theory & Workshop + Digital Skills)
7	Consumer Electronics	Foundation course on Electronics and Digital Skills (FLWD) (Basic Electronics Theory & Workshop + Digital Skills)
8	AI - ML	Foundation course on AI-ML and Digital Skills (FIWD) (Basic Artificial Intelligence & Machine Learning Theory & Workshop + Digital Skills)
Important Note: Any two workshops are to be chosen from ‘House Wiring’ / ‘Fitting’ / ‘Welding’ / ‘Carpentry’ / ‘Electronics Workshop’.		

G. Academic Elective Papers (Subject 5, Subject 6 and Subject 7) of Semester I and Semester II (i.e. Class XI):

- Basket of Academic Elective Papers will be offered for respective disciplines. Subject 5 and Subject 6, i.e. Academic Elective 1 (AE1) and Academic Elective 2 (AE2) will be compulsory academic papers. Subject 7, i.e. Academic Elective 3 (AE3) will be an optional paper which may or may not be opted.
- **Discipline: Agriculture (AG)**
- The Academic Elective Papers in the basket of Agriculture discipline are mentioned below,
 - i) Biology, ii) Chemistry, iii) Physics, iv) Computer Application and v) Environmental Science OR Entrepreneurship.
- **Discipline: Engineering & Technology (ET)**

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3. The Academic Elective Papers in the basket of Engineering & Technology discipline are mentioned below,
i) Mathematics, ii) Chemistry, iii) Physics, iv) Computer Application and v) Environmental Science OR Entrepreneurship.

● **Discipline: Business & Commerce (BC)**

4. The Academic Elective Papers in the basket of Business & Commerce discipline are mentioned below,
i) Accountancy, ii) Business Law, iii) Economics and Business Math & Statistics, iv) Computer Application and v) Environmental Science OR Entrepreneurship.

● **Discipline: Home Science (HS)**

5. The Academic Elective Papers in the basket of Home Science discipline are mentioned below,
i) Dietetics, ii) Human Development, iii) Biology, iv) Chemistry, v) Computer Application and vi) Environmental Science OR Entrepreneurship.

● **Discipline: Healthcare Science (HC)**

6. The Academic Elective Papers in the basket of Healthcare Science discipline are mentioned below,
i) Dietetics, ii) Human Development, iii) Biology, iv) Chemistry, v) Computer Application and vi) Environmental Science OR Entrepreneurship.

7. The following 'Table - 4' may be referred for details of **Academic Elective Papers** of Semester I and Semester II (Class XI) of all the disciplines.

Table 4: Academic Elective Papers of Semester I and Semester II (Class XI)

Discipline Name	Subject 5 (Academic Elective I), Subject 6 (Academic Elective II), Subject 7 (Academic Elective III)
Agriculture	1. Biology 2. Chemistry 3. Physics 4. Computer Application 5. Environmental Science OR Entrepreneurship
Engineering & Technology	1. Mathematics 2. Chemistry

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	3. Physics 4. Computer Application 5. Environmental Science OR Entrepreneurship
Business & Commerce	1. Accountancy 2. Business Law 3. Economics And Business Math & Statistics 4. Computer Application 5. Environmental Science OR Entrepreneurship
Home Science	1. Dietetics 2. Human Development 3. Biology 4. Chemistry 5. Computer Application 6. Environmental Science OR Entrepreneurship
Healthcare Science	1. Dietetics 2. Human Development 3. Biology 4. Chemistry 5. Computer Application 6. Environmental Science OR Entrepreneurship

H. General Structure of Semester III and Semester IV (i.e. Class XII):

1. In Semester III and Semester IV (i.e. Class XII), there will be two Language Papers (Subject 1 and Subject 2), two Vocational Papers (Subject 3 and Subject 4) and two compulsory Academic Elective Papers (Subject 5 and Subject 6). Also, there will be an Optional Paper (Subject 7). “Subject 7” may be chosen from the basket of the Academic Elective Papers of the respective discipline or from the Vocational Papers of the respective ‘Group’. “Subject 1” and “Subject 2” will be termed as “Language 1” and “Language 2” respectively. “Subject 3” and “Subject 4” will be termed as “Vocational Paper 1” (herein after referred to as ‘VP1’) and “Vocational Paper 2” (herein after referred to as ‘VP2’) respectively. “Subject 5” and “Subject 6”, will be termed as “Academic Elective 1” (herein after referred to as ‘AE1’) and “Academic Elective 2” (herein after referred to as ‘AE2’) respectively. “Subject 7”(if opted) , will be referred as “Academic Elective 3” (herein after referred to as ‘AE3’) , if chosen from the basket of the Academic Elective subjects. If “Subject 7” is chosen from the Vocational Papers of the respective ‘Group’, will be termed as “Vocational Paper 3” (herein after referred to as ‘VP3’). The general structure of Semester III and Semester IV is shown in “Table 5”.

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Table 5: General Structure of Semester III and Semester IV

Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	Subject 7 (Optional)
Bengali or Hindi or Urdu or Nepali (Language 1)	English (Language 2)	Vocational Paper 1 (VP1)	Vocational Paper 2 (VP2)	Academic Elective 1 (AE1)	Academic Elective 2 (AE2)	Academic Elective 3 (AE3) (if opted) or Vocational Paper 3 (VP3) (if opted)
<p>Important Note: Academic Elective Papers will be a continuation of the same chosen in Semester I and Semester II (i.e.: Class XI). However, one may renounce the already opted “Academic Elective 3” of Class XI and newly opt “Vocational Paper 3” as Optional paper (Subject 7) in Semester III and Semester IV (i.e.: Class XII) from the designated set of Vocational Papers.</p>						

I. Language Papers (Subject 1 and Subject 2) of Semester III and Semester IV (i.e. Class XII):

1. The choice of two language papers (Subject 1 and Subject 2) in Semester III and Semester IV (i.e. Class XII), remains unchanged for all the disciplines (shown in Table 4).

J. Vocational Papers (Subject 3 , Subject 4 and Subject 7) of Semester III and Semester IV (i.e. Class XII):

1. The choice of Vocational Papers i.e. ‘VP1’ , ‘VP2’ and ‘VP3’ (if chosen as optional paper) of all the ‘Groups’ under the five disciplines (AG, ET, BC, HS, HC), will have respective baskets of Vocational Subjects as mentioned below.

- **Discipline: Agriculture (AG)**

2. There will be five baskets of Vocational Papers for the respective ‘Groups’ of Agriculture discipline.

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i) Vocational Subjects of Animal Husbandry (AGAH) Group: (a) DAIRY FARMING, (b) POULTRY FARMING, (c) ORNAMENTAL AVICULTURE, (d) ANIMAL HEALTHCARE

ii) Vocational Subjects of Fisheries (AGFH) Group: (a) FISH SEED PRODUCTION, (b) AQUACULTURE, (c) ORNAMENTAL FISH CULTURE, (d) FISH PROCESSING AND ITS WASTE UTILISATION

iii) Vocational Subjects of Crop Management (AGCM) Group: (a) CROP NUTRITION, (b) FARM MACHINERY OPERATION, (c) PROTECTION OF PLANTS, (d) PRODUCTION OF SEEDS, (e) UTILIZATION & CONSERVATION OF SOIL AND NATURAL RESOURCES

iv) Vocational Subjects of Horticulture (AGHC) Group: (a) FRUIT CULTIVATION, (b) FACILITY CULTIVATION, (c) VEGETABLE PRODUCTION AND PROCESSING, (d) PRODUCTION AND PROCESSING OF SPICES, MEDICINAL AND AROMATIC PLANTS, (e) HORTICULTURAL PROPAGATION AND NURSERY PRACTICES, (f) LANDSCAPE AND FLORICULTURE

v) Vocational Subjects of Plant Management (AGPM) Group: (a) FIELD CROP PRODUCTION, (b) PROTECTION OF PLANTS, (c) CROP NUTRITION, (d) AGRICULTURAL METEOROLOGY

● Discipline: Engineering & Technology (ET)

3. There will be eight baskets of Vocational Papers for the respective 'Groups' of Engineering & Technology discipline.

i) Vocational Subjects of Building Construction Maintenance group: (a) BUILDING CONSTRUCTION & MAINTENANCE, (b) ESTIMATION & MATERIAL TESTING, (c) SURVEY OF CONSTRUCTION SITE

ii) Vocational Subjects of Automobile Technology group: (a) GENERAL SERVICING OF AUTOMOBILES, (b) REPAIR AND MAINTENANCE OF AUTOMOBILE, (c) REPAIR AND MAINTENANCE OF TWO WHEELER

iii) Vocational Subjects of Refrigeration & Air Conditioning group: (a) REPAIR & MAINTENANCE OF AIR-CONDITIONING SYSTEM, (b) REPAIR & MAINTENANCE OF CENTRAL AIR-CONDITIONING SYSTEM, (c) REPAIR & MAINTENANCE OF REFRIGERATION SYSTEM

iv) Vocational Subjects of Renewable Energy group: (a) SOLAR HEATING SYSTEM, (b) SOLAR PV INSTALLATION, (c) SOLAR PV MAINTENANCE, (d) BIO-GAS PRODUCTION, (e) GREEN HYDROGEN

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v) Vocational Subjects of IT Infrastructure and Application group: (a) COMPUTER MAINTENANCE & NETWORKING, (b) DATABASE MANAGEMENT SYSTEM, (c) PYTHON PROGRAMMING LANGUAGE, (d) VISUAL BASIC PROGRAMMING, (e) WEB PAGE DEVELOPMENT

vi) Vocational Subjects of Electrical Maintenance & Installation group: (a) DOMESTIC WIRING AND MOTOR INSTALLATION, (b) ELECTRICAL HOME APPLIANCES SERVICE AND REPAIR, (c) RURAL ELECTRICITY DISTRIBUTION, (d) SOLAR PV INSTALLATION AND MAINTENANCE

vii) Vocational Subjects of Consumer Electronics group: (a) COMPUTER MAINTENANCE & NETWORKING, (b) DIGITAL AND CABLE TV INSTALLATION, TESTING & SERVICING, (c) MOBILE/SMART PHONE REPAIR, (d) WATER PURIFIER, MICROWAVE OVEN AND INVERTER SERVICING

viii) Vocational Subjects of AI - ML (Artificial Intelligence & Machine Learning) group: (a) ARTIFICIAL INTELLIGENCE & MACHINE LEARNING, (b) COMPUTER VISION, (c) DEEP LEARNING AND PYTHON BASICS

- **Discipline: Business & Commerce (BC)**

4. There will be four baskets of Vocational Papers for the respective 'Groups' of Business & Commerce discipline.

i) Vocational Subjects of Library & Information Science (BCLS) group: (a) LIBRARY MANAGEMENT, (b) LIBRARY AND INFORMATION, (c) LIBRARY AND INFORMATION NETWORK SERVICES

ii) Vocational Subjects of Travel, Tourism & Event Management (BCTE) group: (a) SERVICE MARKETING, (b) TOURISM & TRAVEL MANAGEMENT, EVENT MANAGEMENT, (c) HOSPITALITY OPERATIONS

iii) Vocational Subjects of Accounting & Finance (BCAF) group: (a) FINANCIAL MANAGEMENT, (b) TAXATION, (c) COST MANAGEMENT, (d) BANKING SERVICE SUPPORT

iv) Vocational Subjects of Retail Operations (BCRO) group: (a) MARKETING MANAGEMENT, (b) RETAIL STORE & E-COMMERCE, (c) SALES MANAGEMENT, (d) RURAL MARKETING

- **Discipline: Home Science (HS)**

5. There will be two baskets of Vocational Papers for the respective 'Groups' of Home Science discipline.

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i) Vocational Subjects of Food and Nutrition (HSFN) group: (a) COMMUNITY HEALTHCARE, (b) FOOD PROCESSING, (c) MUSHROOM PRODUCTION, (d) KITCHEN GARDEN / HOMESTAY FARMING

ii) Vocational Subjects of “Human Development And Resource Management (HSHR)” group: (a) GARMENT DESIGN, (b) INTERIOR DECORATION & DESIGN, (c) DESIGN AND CARE SERVICE

- **Discipline: Healthcare Science (HC)**

6. There will be only one basket of Vocational Papers in the Healthcare Science discipline.

i) Vocational Subjects of Community Healthcare (HCCH) group: (a) COMMUNITY HEALTHCARE, (b) PATIENT CARE MANAGEMENT, (c) PUBLIC HEALTH AND EMERGENCY CARE

7. The following Tables may be referred for details of Vocational Papers of Semester III and Semester IV (Class XII) of all the groups.

Table 6: Agriculture Discipline

ANIMAL HUSBANDRY	DAIRY FARMING
	POULTRY FARMING
	ORNAMENTAL AVICULTURE
	ANIMAL HEALTHCARE
FISHERIES	FISH SEED PRODUCTION
	AQUACULTURE
	ORNAMENTAL FISH CULTURE
	FISH PROCESSING AND IT'S WASTE UTILISATION
CROP MANAGEMENT	CROP NUTRITION
	FARM MACHINERY OPERATION
	PROTECTION OF PLANTS
	PRODUCTION OF SEEDS
	UTILIZATION & CONSERVATION OF SOIL AND NATURAL RESOURCES
HORTICULTURE	FRUIT CULTIVATION
	FACILITY CULTIVATION
	VEGETABLE PRODUCTION AND PROCESSING
	PRODUCTION AND PROCESSING OF SPICES, MEDICINAL AND AROMATIC PLANTS
	HORTICULTURAL PROPAGATION AND NURSERY PRACTICES
	LANDSCAPE AND FLORICULTURE
PLANT MANAGEMENT	FIELD CROP PRODUCTION
	PROTECTION OF PLANTS

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	CROP NUTRITION
	AGRICULTURAL METEOROLOGY

Table 7: Engineering & Technology Discipline

AI - ML	ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
	COMPUTER VISION
	DEEP LEARNING AND PYTHON BASICS
AUTOMOBILE TECHNOLOGY	GENERAL SERVICING OF AUTOMOBILES
	REPAIR AND MAINTENANCE OF AUTOMOBILE
	REPAIR AND MAINTENANCE OF TWO WHEELER
BUILDING CONSTRUCTION MAINTENANCE	BUILDING CONSTRUCTION & MAINTENANCE
	ESTIMATION & MATERIAL TESTING
	SURVEY OF CONSTRUCTION SITE
CONSUMER ELECTRONICS	COMPUTER MAINTENANCE & NETWORKING
	DIGITAL AND CABLE TV INSTALLATION, TESTING & SERVICING
	MOBILE/SMART PHONE REPAIR
	WATER PURIFIER, MICROWAVE OVEN AND INVERTER SERVICING
ELECTRICAL MAINTENANCE & INSTALLATION	DOMESTIC WIRING AND MOTOR INSTALLATION
	ELECTRICAL HOME APPLIANCES SERVICE AND REPAIR
	RURAL ELECTRICITY DISTRIBUTION
	SOLAR PV INSTALLATION AND MAINTENANCE
IT INFRASTRUCTURE AND APPLICATION	COMPUTER MAINTENANCE & NETWORKING
	DATABASE MANAGEMENT SYSTEM
	PYTHON PROGRAMMING LANGUAGE

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	VISUAL BASIC PROGRAMMING
	WEB PAGE DEVELOPMENT
REFRIGERATION & AIR-CONDITIONING	REPAIR & MAINTENANCE OF AIR-CONDITIONING SYSTEM
	REPAIR & MAINTENANCE OF CENTRAL AIR-CONDITIONING SYSTEM
	REPAIR & MAINTENANCE OF REFRIGERATION SYSTEM
RENEWABLE ENERGY	SOLAR HEATING SYSTEM
	SOLAR PV INSTALLATION
	SOLAR PV MAINTENANCE
	BIO-GAS PRODUCTION
	GREEN HYDROGEN

Table 8: Business & Commerce Discipline

LIBRARY & INFORMATION SCIENCE	LIBRARY MANAGEMENT
	LIBRARY AND INFORMATION
	LIBRARY AND INFORMATION NETWORK SERVICES
RETAIL OPERATIONS	MARKETING MANAGEMENT
	RETAIL STORE & E-COMMERCE
	SALES MANAGEMENT
	RURAL MARKETING

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Accounting & Finance	FINANCIAL MANAGEMENT
	TAXATION
	COST MANAGEMENT
	BANKING SERVICE SUPPORT
TRAVEL, TOURISM & EVENT MANAGEMENT	SERVICE MARKETING
	TOURISM & TRAVEL MANAGEMENT
	EVENT MANAGEMENT
	HOSPITALITY OPERATIONS

Table 9: Home Science Discipline

FOOD AND NUTRITION	COMMUNITY HEALTHCARE
	FOOD PROCESSING
	MUSHROOM PRODUCTION
	KITCHEN GARDEN / HOMESTAY FARMING
HUMAN DEVELOPMENT AND RESOURCE MANAGEMENT	GARMENT DESIGN
	INTERIOR DECORATION & DESIGN
	DESIGN AND CARE SERVICE
	(NUTRITION RELATED SUBJECT may be introduced)

Table 10: Healthcare Science Discipline

COMMUNITY HEALTHCARE	COMMUNITY HEALTHCARE
	PATIENT CARE MANAGEMENT
	PUBLIC HEALTH AND EMERGENCY CARE

K. Academic Elective Papers (Subject 5, Subject 6 and Subject 7) of Semester III and Semester IV (i.e. Class XII):

Table 11: Academic Elective Papers of Semester III and Semester IV (Class XII)

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Discipline Name	Subject 5 (Academic Elective I), Subject 6 (Academic Elective II), Subject 7 (Academic Elective III)
Agriculture	<ol style="list-style-type: none"> 1. Biology 2. Chemistry 3. Physics 4. Computer Application 5. Environmental Science OR Entrepreneurship
Engineering & Technology	<ol style="list-style-type: none"> 1. Mathematics 2. Chemistry 3. Physics 4. Computer Application 5. Environmental Science OR Entrepreneurship
Business & Commerce	<ol style="list-style-type: none"> 1. Accountancy 2. Business Law 3. Economics And Business Math & Statistics 4. Computer Application 5. Environmental Science OR Entrepreneurship
Home Science	<ol style="list-style-type: none"> 1. Dietetics 2. Human Development 3. Biology 4. Chemistry 5. Computer Application 6. Environmental Science OR Entrepreneurship
Healthcare Science	<ol style="list-style-type: none"> 1. Dietetics 2. Human Development 3. Biology 4. Chemistry 5. Computer Application 6. Environmental Science OR Entrepreneurship
Important Note: Candidates will not be permitted to opt any new Academic Elective Paper in Semester III and Semester IV (i.e.: Class XII). The Academic Elective Papers in Class XII will be a continuation of the same papers already chosen in Class XI (Subject to securing minimum thirty per centum marks independently in Class XI).	

L. Passing Criterion:

Semester I and Semester II (i.e.: Class XI):

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1. A candidate will be declared passed in Semester I and Semester II (i.e.: Class XI), if S/he obtains minimum thirty per centum marks independently in 'Language 1', 'Language 2', 'Basic Vocational Paper 1', 'Basic Vocational Paper 2' and in any one of the 'Academic Elective 1' or 'Academic Elective 2' or 'Academic Elective 3' (if chosen as 'Optional Elective Paper').
2. A candidate who fails to secure minimum thirty per centum marks independently in any one or two Academic Elective paper(s), will be given the following benefits.
 - i) One who fails to secure minimum thirty per centum marks in 'Academic Elective 1' but obtains more than thirty per centum marks in 'Academic Elective 2' and 'Academic Elective 3' (if opted), will be given a benefit by replacing 'Academic Elective 1' with 'Academic Elective 2' and 'Academic Elective 2' with 'Academic Elective 3'.

Note: This combination will continue in Class XII as well. Such candidate will not be allowed to opt for any new Academic Elective Paper. However, S/he may opt for one 'Vocational Paper' as 'Optional Elective Paper' if desired in Class XII.

- ii) One who fails to secure minimum thirty per centum marks in 'Academic Elective 1' and 'Academic Elective 2' independently, but obtains more than thirty per centum marks in 'Academic Elective 3', will be given a benefit by replacing 'Academic Elective 1' with 'Academic Elective 3'.

Note: This combination will continue in Class XII as well. Such candidate will not be allowed to opt for any new Academic Elective Paper. However, S/he must compulsorily opt for one 'Vocational Paper' as 'Optional Elective Paper' in Class XII.

- iii) One who fails to secure minimum thirty per centum marks in 'Academic Elective 1' and 'Academic Elective 3', but obtains more than thirty per centum marks in 'Academic Elective 2', will be given a benefit by replacing 'Academic Elective 1' with 'Academic Elective 2'.

Note: This combination will continue in Class XII as well. Such candidate will not be allowed to opt for any new Academic Elective Paper. However, S/he must compulsorily opt for one 'Vocational Paper' as 'Optional Elective Paper' in Class XII.

Semester III and Semester IV (i.e.: Class XII):

3. A candidate will be declared passed in Semester III and Semester IV (i.e.: Class XII), if S/he obtains minimum thirty per centum marks independently in 'Language 1', 'Language 2', 'Vocational Paper 1', 'Vocational Paper 2' and in any one of the

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‘Academic Elective 1’ or ‘Academic Elective 2’ or ‘Optional Elective Paper’(if opted) which may be ‘Academic Elective 3’ or ‘Vocational Paper 3’.

4. A candidate who fails to secure minimum thirty per centum marks independently in any one or two Academic Elective paper(s), will be given the following benefits.
 - i) One who fails to secure minimum thirty per centum marks in ‘Academic Elective 1’ but obtains more than thirty per centum marks in ‘Academic Elective 2’ and ‘Academic Elective 3’(if opted), will be given a benefit by replacing ‘Academic Elective 1’ with ‘Academic Elective 2’ and ‘Academic Elective 2’ with ‘Academic Elective 3’.
 - ii) One who fails to secure minimum thirty per centum marks in ‘Academic Elective 1’ and ‘Academic Elective 2’ independently, but obtains more than thirty per centum marks in ‘Academic Elective 3’(if opted), will be given a benefit by replacing ‘Academic Elective 1’ with ‘Academic Elective 3’.
 - iii) One who fails to secure minimum thirty per centum marks in ‘Academic Elective 1’ and ‘Academic Elective 3’, but obtains more than thirty per centum marks in ‘Academic Elective 2’, will be given a benefit by replacing ‘Academic Elective 1’ with ‘Academic Elective 2’.

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M. General Curriculum Structure:

Table 12: Semester I and Semester II (i.e.: Class XI)

Discipline Name	Subject 1 (Language I)	Subject 2 (Language II)	Subject 3 (Basic Vocational I)	Subject 4 (Basic Vocational II)	Subject 5 (Academic Elective I)	Subject 6 (Academic Elective II)	Subject 7 (Optional)
Agriculture, Business & Commerce, Home Sc., Healthcare Sc.	150 Hrs. (Class Room - 96 Hrs. or 144 period) 4 periods/week Th-3 Pr/Pj-1	150 Hrs. (Class Room - 96 Hrs. or 144 period) 4 periods/week Th-3 Pr/Pj-1	210 Hrs. (Class Room - 192 Hrs. or 288 period) 8 periods/week Th-3 Pr/Pj-3+2	210 Hrs. (Class Room - 192 Hrs. or 288 period) 8 periods/week Th-3 Pr/Pj-3+2	150 Hrs. (Class Room - 144 Hrs. or 216 period) 6 periods/week Th-4 Pr/Pj-2	150 Hrs. (Class Room - 144 Hrs. or 216 period) 6 periods/week Th-4 Pr/Pj-2	150 Hrs. (Class Room - 144 Hrs. or 216 period) 6 periods/week Th-4 Pr/Pj-2
Engg. & Tech.			180 Hrs. (Class Room- 168 Hrs. or 252 period) 7 periods/week Th-2 Pr/Pj-1+2+2	240 Hrs. (Class Room- 240 Hrs. or 360 period) 10 periods/week Th-2 Pr/Pj-3+3+2			

*Th - Theory, Pr - Practical, Pj - Project

*Allotted hours outside class room to be treated as home assignment

Table 13: Semester III and Semester IV (i.e.: Class XII)

Discipline Name	Subject 1 (Language I)	Subject 2 (Language II)	Subject 3 (Vocational I)	Subject 4 (Vocational II)	Subject 5 (Academic Elective I)	Subject 6 (Academic Elective II)	Subject 7 (Optional AE III or VP III)
Agriculture, Business & Commerce, Home Sc., Healthcare Sc.	150 Hrs. (Class Room - 96 Hrs. or 144 period) 4 periods/week Th-3 Pr/Pj-1	150 Hrs. (Class Room - 120 Hrs. or 180 period) 5 periods/week Th-3 Pr/Pj-2	180 Hrs. (Class Room- 168 Hrs. or 252 period) 7 periods/week Th-3 Pr/Pj-4	180 Hrs. (Class Room- 168 Hrs. or 252 period) 7 periods/week Th-3 Pr/Pj-4	150 Hrs. (Class Room - 144 Hrs. or 216 period) 6 periods/week Th-4 Pr/Pj-2	150 Hrs. (Class Room - 144 Hrs. or 216 period) 6 periods/week Th-4 Pr/Pj-2	150 Hrs. (AE III) (Class Room - 144 Hrs. or 216 period)- 6 periods/week Th-4 Pr/Pj-2 OR 180 Hrs. (VP III) (Class Room- 168 Hrs. or 252 period)- 7 periods/week Th-3 Pr/Pj-4
Engg. & Tech.							

*Allotted hours outside class room to be treated as home assignment, 1 period = 40 mins, Total no. of effective class week per year = 40, No. of weeks for class in a year = 36, No. of weeks for examination = 4

N. Detailed Curriculum Structure:

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Discipline: Agriculture

COURSES, DISTRIBUTION OF MARKS AND CLASSES OF CLASS-XI

Group	Paper no.	Code	Subject	Distribution Of Marks				Distribution Of Classes / Week			Total yearly classes
				Theory	Practical	Project	Total	Theory	Practical / Project	Total	
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali/Hindi/Nepali/Urdu	80		20	100	3	1	4	144
	2	ENG1	Second Language: English	80		20	100	3	1	4	144
Basic Vocational group	3		Basic Agricultural Practices and Enterprise Skills a) Basic Agriculture	50	25		100	3	3	8	288
			b) Enterprise Skills			25			2		
	4		Basic Animal Husbandry and Digital Skills a) Basic Animal Husbandry	50	25		100	3	3	8	288
			b) Digital Skills		25				2		
Academic Elective	5		Academic Elective I [AE1]	70	30		100	4	2	6	216
	6		Academic Elective II [AE2]	70	30		100	4	2	6	216
Optional Elective	7		Academic Elective III [AE3]	70	30		100	4	2	6	216
			Total					24	18	42	

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CLASS-XII

Group	Paper no.	Code	Subject	Distribution of Marks				Distribution of Classes / Week			Total yearly classes
				Theory	Practical	Project	Total	Theory	Practical/Project/Tutorial	Total	
Language	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali/Urdu	80	-	20	100	3	1	4	144
	2	ENG2	Second Language: English	80	-	20	100	3	1+1*	5	180
Vocational	3		i) Vocational Paper I [VP1]	50	40	10	100	3	4	7	252
	4		ii) Vocational Paper II [VP2]	50	40	10	100	3	4	7	252
Academic	5		Academic Elective I [AE1]	70	30	-	100	4	2	6	216
	6		Academic Elective II [AE2]	70	30	-	100	4	2	6	216
Optional Elective	7		Academic Elective III [AE3]	70	30	-	100	4	2	6	216
			or Vocational Paper III [VP3]	50	40	10	100	3	4	7	252
								24/ 23	17/19	41/ 42	

*One extra class for Communicative English

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Discipline: Business & Commerce

COURSES, DISTRIBUTION OF MARKS AND CLASSES OF CLASS-XI

Group	Paper no.	Code	Subject	Distribution Of Marks				Distribution Of Classes / Week			Total yearly classes
				Theory	Practical	Project	Total	Theory	Practical / Project	Total	
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali/Hindi/Nepali/Urdu	80		20	100	3	1	4	144
	2	ENG1	Second Language: English	80		20	100	3	1	4	144
Basic Vocational group	3		i) Basic Management Principles and Enterprise Skills:				100			8	288
			a) Basic Management Principles	50	25			3	3		
			b) Enterprise Skills			25			2		
	4		ii) Basic Accounting and Digital Skills:				100			8	288
			a) Basic Accounting	50	25			3	3		
			b) Digital Skills		25				2		
Academic Elective	5		Academic Elective I [AE1]	70	30		100	4	2	6	216
	6		Academic Elective II [AE2]	70	30		100	4	2	6	216
Optional Elective	7		Academic Elective III [AE3]	70	30		100	4	2	6	216
			Total					24	18	42	

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CLASS-XII

G r o u p	P a p e r n o .	Code	Subject	Distribution of Marks				Distribution of Classes / Week			Total yearly classes
				T h e o r y	P r a c t i c a l	P r o j e c t	T o t a l	T h e o r y	Pract ical/ Proje ct/ Tuto rial	T o t a l	
L a n g u a g e	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali/Urdu	80	-	20	100	3	1	4	144
	2	ENG2	Second Language: English	80	-	20	100	3	1+1*	5	180
V o c a t i o n a l	3		i) Vocational Paper I[VP1]	50	40	10	100	3	4	7	252
	4		ii) Vocational Paper II[VP2]	50	40	10	100	3	4	7	252
A c a d e m i c	5		Academic Elective I [AE1]	70	30	-	100	4	2	6	216
	6		Academic Elective II[AE2]	70	30	-	100	4	2	6	216
O p t i o n a l E l e c t i v e	7		Academic Elective III [AE3]	70	30	-	100	4	2	6	216
			or Vocational Paper III [VP3]	50	40	10	100	3	4	7	252
								24/ 23	17/19	41/ 42	

***One extra class for Communicative English**

Draft Revised Curriculum for Higher Secondary (Vocational)

Discipline: Home Science

COURSES, DISTRIBUTION OF MARKS AND CLASSES OF CLASS-XI

Group	Paper no.	Code	Subject	Distribution Of Marks				Distribution Of Classes / Week			Total yearly classes
				Theory	Practical	Project	Total	Theory	Practical / Project	Total	
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali/Hindi/Nepali/Urdu	80		20	100	3	1	4	144
	2	ENG1	Second Language: English	80		20	100	3	1	4	144
Basic Vocational group	3		Basic Lifestyle Management and Enterprise Skills a) Basic Lifestyle Management	50	25		100	3	3	8	288
			b) Enterprise Skills			25			2		
	4		Basic Early Childhood Care and Digital Skills a) Basic Early Childhood Care	50	25		100	3	3	8	288
			b) Digital Skills		25				2		
Academic Elective	5		Academic Elective I [AE1]	70	30		100	4	2	6	216
	6		Academic Elective II [AE2]	70	30		100	4	2	6	216
Optional Elective	7		Academic Elective III [AE3]	70	30		100	4	2	6	216
			Total					24	18	42	

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CLASS-XII

Group	Paper no.	Code	Subject	Distribution of Marks				Distribution of Classes / Week			Total yearly classes
				Theory	Practical	Project	Total	Theory	Practical/Project/Tutorial	Total	
Language	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali/Urdu	80	-	20	100	3	1	4	144
	2	ENG2	Second Language: English	80	-	20	100	3	1+1*	5	180
Vocational	3		i) Vocational Paper I [VP1]	50	40	10	100	3	4	7	252
	4		ii) Vocational Paper II [VP2]	50	40	10	100	3	4	7	252
Academic	5		Academic Elective I [AE1]	70	30	-	100	4	2	6	216
	6		Academic Elective II [AE2]	70	30	-	100	4	2	6	216
Optional Elective	7		Academic Elective III [AE3]	70	30	-	100	4	2	6	216
			or Vocational Paper III [VP3]	50	40	10	100	3	4	7	252
								24/ 23	17/19	41/ 42	

*One extra class for Communicative English

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Discipline: Healthcare Science

COURSES, DISTRIBUTION OF MARKS AND CLASSES OF CLASS-XI

Group	Paper no.	Code	Subject	Distribution Of Marks				Distribution Of Classes / Week			Total yearly classes
				Theory	Practical	Project	Total	Theory	Practical / Project	Total	
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali/Hindi/Nepali/Urdu	80		20	100	3	1	4	144
	2	ENG1	Second Language: English	80		20	100	3	1	4	144
Basic Vocational group	3		Basic Lifestyle Management and Enterprise Skills a) Basic Lifestyle Management	50	25		100	3	3	8	288
			b) Enterprise Skills			25			2		
	4		Basic Early Childhood Care and Digital Skills a) Basic Early Childhood Care	50	25		100	3	3	8	288
			b) Digital Skills		25				2		
Academic Elective	5		Academic Elective I [AE1]	70	30		100	4	2	6	216
	6		Academic Elective II [AE2]	70	30		100	4	2	6	216
Optional Elective	7		Academic Elective III [AE3]	70	30		100	4	2	6	216
			Total					24	18	42	

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CLASS-XII

G r o u p	P a p e r n o .	Code	Subject	Distribution of Marks				Distribution of Classes / Week			Total yearly classes
				T h e o r y	P r a c t i c a l	P r o j e c t	T o t a l	T h e o r y	Pract ical/ Proje ct/ Tuto rial	T o t a l	
L a n g u a g e	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali/Urdu	80	-	20	100	3	1	4	144
	2	ENG2	Second Language: English	80	-	20	100	3	1+1*	5	180
V o c a t i o n a l	3		i) Vocational Paper I[VP1]	50	40	10	100	3	4	7	252
	4		ii) Vocational Paper II[VP2]	50	40	10	100	3	4	7	252
A c a d e m i c	5		Academic Elective I [AE1]	70	30	-	100	4	2	6	216
	6		Academic Elective II[AE2]	70	30	-	100	4	2	6	216
O p t i o n a l E l e c t i v e	7		Academic Elective III [AE3]	70	30	-	100	4	2	6	216
			or Vocational Paper III [VP3]	50	40	10	100	3	4	7	252
								24/ 23	17/19	41/ 42	

***One extra class for Communicative English**

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Discipline: Engineering & Technology

COURSES, DISTRIBUTION OF MARKS AND CLASSES

CLASS-XI

G r o u p	P a p e r n o .	Code	Subject	T h e o r y	Distribution Of Marks			Distribution Of Classes / Week			Total yearly classes
					Practical	Project	T o t a l	T h e o r y	Practi cal/ Proje ct/ Tutor ial	T o t a l	
L a n g u a g e	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali/Hindi/Nepali/Urdu	80		20	100	3	1	4	144
	2	ENG1	Second Language: English	80		20	100	3	1	4	144
B a s i c V o c a t i o n a l g r o u p	3.		Basic Applied Mechanics and Enterprise Skills a) Fundamentals of Mechanics b) Technical Drawing c) Enterprise Skills	50	25	25	100	2	1 2 2	7	252 (108 + 72 + 72)
	4	Foundation of Technical Trades and Digital Skills <i>Students will choose any one from (i) to (viii) below</i>									
	i)	FLWD	Foundation course on Electronics and Digital Skills (a) Basic Electronics Theory (b) Workshop Practice [House Wiring/Fitting/Welding/Carpentry/Electronics] [Any Two] (c) Digital Skills	50	25		100	2	3+3 2	10	360 (72 + 108+108 + 72)
	ii)	FEWD	Foundation course on Electrical and Digital Skills (a) Basic Electrical Theory (b) Workshop Practice [House Wiring/Fitting/Welding/Carpentry/Electronics] [Any Two] (c) Digital Skills	50	25		100	2	3+3 2	10	360 (72 + 108+108 + 72)
	iii)	FAWD	Foundation course on Mechanical & Automobile and Digital Skills (a) Basic Mechanical & Automobile Theory (b) Workshop Practice [House Wiring/Fitting/Welding/Carpentry/Electronics] [Any Two] (c) Digital Skills	50	25		100	2	3+3 2	10	360 (72 + 108+108 + 72)
	iv)	FCWD	Foundation course on Civil and Digital Skills (a) Basic Civil Theory (b) Workshop Practice [House Wiring/Fitting/Welding/Carpentry/Electronics] [Any Two] (c) Digital Skills	50	25		100	2	3+3 2	10	360 (72 + 108+108 + 72)

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		(v) FHWD	Foundation course on Computer Hardware & Security and Digital Skills (a) Basic Computer Hardware & Security Theory (b) Workshop Practice [House Wiring/Fitting/Welding/Carpentry/Electronics][Any Two] (c) Digital Skills	50	25		100	2	3+3	10	360 (72 + 108+108 + 72)
	vi)	FMWD	Foundation course on Mechanical & Cooling System and Digital Skills (a) Basic Mechanical & Cooling System Theory (b) Workshop Practice [House Wiring/Fitting/Welding/Carpentry/Electronics] [Any Two] (c) Digital Skills	50	25		100	2	3+3	10	360 (72 + 108+108 + 72)
	vi i)	FIWD	Foundation course on AI-ML and Digital Skills (a) Basic Artificial Intelligence & Machine Learning Theory (b) Workshop Practice [House Wiring/Fitting/Welding/Carpentry/Electronics] [Any Two] (c) Digital Skills	50	25		100	2	3+3	10	360 (72 + 108+108 + 72)
	vi ii)	FRWD	Foundation course on Renewable Energy and Digital Skills (a) Basic Renewable Energy Theory (b) Workshop Practice [House Wiring/Fitting/Welding/Carpentry/Electronics] [Any Two] (c) Digital Skills	50	25		100	2	3+3	10	360 (72 + 108+108 + 72)
A c a d e m i c e l e c t i v e	5		Academic Elective I [AE1]	70	30		100	4	2	6	216
	6		Academic Elective II [AE2]	70	30		100	4	2	6	216
O p t i o n a l E l e c t i v e	7		Academic Elective III [AE3]	70	30		100	4	2	6	216
			Total					22	21	43	

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CLASS-XII

G r o u p	P a p e r n o .	Code	Subject	Distribution of Marks				Distribution of Classes / Week			Total yearly classes
				T h e o r y	P r a c t i c a l	P r o j e c t	T o t a l	T h e o r y	Pract ical/ Proje ct/ Tuto rial	T o t a l	
L a n g u a g e	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali/Urdu	80	-	20	100	3	1	4	144
	2	ENG2	Second Language: English	80	-	20	100	3	1+1*	5	180
V o c a t i o n a l	3		i) Vocational Paper I[VP1]	50	40	10	100	3	4	7	252
	4		ii) Vocational Paper II[VP2]	50	40	10	100	3	4	7	252
A c a d e m i c	5		Academic Elective I [AE1]	70	30	-	100	4	2	6	216
	6		Academic Elective II[AE2]	70	30	-	100	4	2	6	216
O p t i o n a l E l e c t i v e	7		Academic Elective III [AE3]	70	30	-	100	4	2	6	216
			or Vocational Paper III [VP3]	50	40	10	100	3	4	7	252
								24/ 23	17/19	41/ 42	

***One extra class for Communicative English**