# CURRICULUM STRUCTURE FOR H.S. (VOCATIONAL) COURSES w.e.f. 2015-16 session Discipline: Home Science [HS]

#### I. Scheme of Studies

No. of periods per week*	Theory +Practical	40/42/43	No. of effective weeks per year	40
			No. of weeks for class	36
-			No. of weeks for exam	4
Duration of period	Theory	40 min		
**	Practical	40 min		

<sup>\* 8</sup> periods per day (Monday to Friday) x 5 = 40 periods + 4 periods in each Saturday.

## II. Courses, Distribution of Marks and Classes

							100			
Paper no	Code	Subject	Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes
1	HIN1/	Bengali/Hindi/Nepali/	80		20	100	2	1	3	108
2	ENGI	Second Language: English	80		20	100	2	1	3	108
3.	BANU	Basic Nutrition	50	50		100	3	4	7	252
4.	ECCE	Early Childhood Care & Education	50	50		100	3	4	7	252
5	DTC1	Dietetics I	70	30		100	4	2	6	216
6	BSBC	Basic Science (Biology+ Chemistry)	70 [35 + 35]	30 [15 + 15]		100 [50 + 50]	4 [2 + 2]	2@ [1 + 1]	6 [3 + 3]	216 [108 + 108]
7	EDCA	Entrepreneurship Development & Computer Application	50 [25 + 25]	25	25	100 [50 + 50]	4 [2 + 2]	4 [1 + 3]	8 [3 + 5]	288 108 + 180]
	2 3. 4. 5 6	1 BEN1/ HIN1/ NEP1/ URD1 2 ENG1 3. BANU 4. ECCE 5 DTC1 6 BSBC	1 BEN1/ First Language: HIN1/ Bengali/Hindi/Nepali/ URD1 2 ENG1 Second Language: English 3. BANU Basic Nutrition 4. ECCE Early Childhood Care & Education 5 DTC1 Dietetics I 6 BSBC Basic Science (Biology+ Chemistry)  7 EDCA Entrepreneurship Development &	1         BEN1/ HIN1/ NEP1/ URD1         First Language: Bengali/Hindi/Nepali/ Urdu         80           2         ENG1 Second Language: English         80           3.         BANU Basic Nutrition         50           4.         ECCE Early Childhood Care & Education         50           5         DTC1 Dietetics I         70           6         BSBC Basic Science (Biology+ Chemistry)         70           7         EDCA Entrepreneurship Development &         125	Code   Subject   Practical   Practical	1         BEN1/ First Language: Bound HIN1/ Bengali/Hindi/Nepali/ Urdu URD1         80         20           2         ENG1 Second Language: English         80         20           3. BANU Basic Nutrition         50         50           4. ECCE Early Childhood Care & Education         50         50           5 DTC1 Dietetics I         70         30           6 BSBC Basic Science (Biology+ Chemistry)         [35] [15] [15]           7 EDCA Entrepreneurship Development &         [25] 25         25	Code   Subject   Practical   Project   E	Code   Subject   E   Project   E   E   E   E   E   E   E   E   E	Code   Subject   Practical   Project   Subject   Practical   Project   Subject   Practical   Project   Subject   Subject   Practical   Project   Subject   Subject   Practical   Project   Subject   Subject   Subject   Practical   Project   Subject   Subje	Code   Subject   E   Practical   Project   E   E   E   E   E   E   E   E   E

<sup>@</sup> Biology and Chemistry practical may be taken alternate week keeping continuous 2 periods for each lab.

<sup>\*\*</sup> Effective class duration. Monday to Friday - 5 hours 20min. per day, and Saturday - 2 hours 40 min.

A Candidate shall have to appear all subjects in the Annual Examination of Class XI and have to pass at least 5 subjects to pass class XI as per below distribution:

- Both subjects of Language group (Paper 1 & Paper 2)
- Both Subjects of Vocational group (Paper3 & Paper4)
- Any one subject either from Academic Elective group or from Common group (i.e. any one paper from Paper 5, Paper 6 & Paper 7). In case candidate pass in more than one subjects out of paper 5, paper 6 and paper 7, then subject with highest marks will be considered for calculation of Grade.

			4		Distribution of Mark				Distribution Classes/W		_
Group	Paper no.	Code	e Subject	Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes
Language	1	BEN2/ HIN2/ NEP2/ URD2	Bengali/Hindi/Nepali	80		20	100	2	1	3	108
Lan	2	ENG2	Second Language: English	80	-	20	100	2	3(1+2*)	5	180
Vocational			Two vocational subjects as prescribed under vocational course [to be selected from table under Sl no. IV]		А-1						
Voi	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
Isory	5	віон	Biology [AE1]	70	30	2	100	4	2	6	216
Compulsory Academic	6	DTC2	Dietetics II [AE2]	70	30	-	100	4	2	6	216

			Subject		Distribution of Mark			1000	n eek	Total yearly	
Group	Paper no.	Code		Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes
Optional Elective	7	or VP3	Human Development [AE3] OR One vocational subject as prescribed under vocational course [to be selected from table underSl no. IV][VP3]	70 50	30 40	10	100	3	4	7	216
Common	8.	ENST	Environmental Studies (**)	80		20	100	2	•	2	72
					194			24 /23	18 /20	42 /43	

<sup>(\*) 2</sup> Period are kept to develop the communication skill in English.

- Paper 7 is optional elective. A Candidate may or may not opt for it. Only if a Candidate opts for paper 7, marks scored will be displayed in final mark sheet.
- A Candidate shall have to appear at all subjects of Class XII and have to pass at least 5 subjects to pass class XII as per below distribution:

For student opting Paper 7	For student NOT opting Paper 7
- Both subjects of Language group	- Both subjects of Language group
Paper 1 & Paper2)	(Paper1 & Paper2)
<ul> <li>Both Subjects of Vocational group (Paper3</li></ul>	& - Both Subjects of Vocational group
Paper4)	(Paper3 & Paper4)
- Any one paper from Paper5, Paper6 and Paper 7	- Any one paper from Paper5, Paper6.

In case candidate pass in more than one subjects among Paper 5, 6, and 7 (if opted), paper with highest marks will be considered for calculation of Final grades. Final Grades will be calculated based on the marks attained only in Class XII.

<sup>(\*\*)</sup> The theory subject "Environmental Studies" [ENST] is compulsory for all the candidates only to generate awareness among the students. Evaluation will be taken place at the end of the year, but the obtained marks will not be considered for calculation of final marks.

# CURRICULUM STRUCTURE FOR H.S. (VOCATIONAL) COURSES w.e.f. 2015-16 Session

Discipline: Engineering & Technology [ET]

#### I. Scheme of Studies

No. of periods per week*	Theory +Practical	44/41/42	No. of effective weeks per year	40
			No. of weeks for class	36
			No. of weeks for exam	4
Duration of period	Theory	40 min		
**	Practical	40 min		

<sup>\*8</sup> periods per day (Monday to Friday) x 5 =40 periods + 4 periods in each Saturday.

\*\* Effective class duration: Monday to Friday - 5 hours 20min. per day, and Saturday - 2 hours 40 min.

### II. Courses, Distribution of Marks and Classes

Class-XI

	0.		I Linea - Ri	lice		ribution Mark		Distribution of Classes/Week			Total yearly
Group	Paper no.	Code	Susject	Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language:Bengali /Hindi/Nepali/Urdu	80	B-II -	20	100	2	1	3	108
L <sub>2</sub>	2	ENG1	Second Language: English	80		20	100	2	1	3	108
dnox	3.	FMTD	Fundamentals of Mechanics & Technical Drawing a) Fundamentals of Mechanics b) Technical Drawing	50	50		100	3	1 3	8	288 (144+ 144)
ational	4		ocational Subject & Worlds will choose any one a			v) below	(See	Note	2 below)		
Basic Vocational group	i)		Foundation course on Electronics (a) Basic Electronics Theory (b) Workshop Practice [House Wiring/Fitting / Welding/Carpentry] [Any three from four]	50	50		100	3	9	12	432 (108+ 324)

d	.01			014	THE PERSON NAMED IN	ribution Mark		100	Distributio Classes/W		Total yearly
Group	Paper no.	Code	Subject	Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classe
	ii)	FEWK	Foundation course on Electrical (a)Basic Electrical Theory (b)Workshop Practice [House Wiring/Fitting /Welding/Carpentry] [Any three from four]	50	50		100	3	9	12	432 (108+ 324)
	iii)	FMWK	Foundation course on Mechanical (a) Basic Mechanical Theory (b) Workshop Practice [House Wiring/Fitting /Welding/Carpentry] [Any three from four]	50	50		100	3	9	12	432 108+ 324)
	iv)	FCWK	Foundation course on Civil (a)Basic Civil Theory (b)Workshop Practice [House Wiring/Fitting / Welding/Carpentry] [Any three from four]	50	50		100	3	9	12	432 108+ 324)
	v)	FDWK	Foundation course on Computer(a)Fundamentals of Digital Logic Design (b)Workshop Practice [House Wiring/Fitting / Welding/Carpentry] [Any three from four]	50	50		100	3	9	12	432 108+ 324)
0	5	MTH1	Mathematics	80		20	100	3	1	4	144
Academic elective	6	BSPC	Basic Science [Physics + Chemistry]	70 [35+ 35]	30 [15+ 15]		100 [50+ 50]	4 [2+ 2]	2@ [1+ 1]	6 (4+ 2)	216 [144+ 72]
Common	7	EDCA	Entrepreneurship Development & Computer Application	50 [25+ 25]	25	25	100 [50+ 50]	4 [2+ 2]	4 [1+ 3]	8 (3+ 5)	288 [108+ 180]
			Water and the same of the same					22	22	44	

#### Note 1:

A Candidate shall have to appear all subjects in the Annual Examination of Class XI and have to pass at least 5 subjects to pass class XI as per below distribution:

- Both subjects of Language group (Paper1 & Paper2)
- Both Subjects of Vocational group (Paper3 & Paper4)
- Any one subject either from Academic Elective group or from Common group (i.e. any one paper from Paper5, Paper6 & Paper7). In case candidate pass in more than one subjects then subject with highest marks will be considered for calculation of Grade.

#### Note 2:

A candidate choosing a particular paper under Basic vocational subject 4 (i) to 4 (v) will have to choose VP1, VP2, and VP3 in class XII from options corresponding to the same group as per table under Sl No IV

@Physics and Chemistry practical may be taken in alternate week keeping continuous 2 periods for each lab.

\$Workshop Practice [House Wiring/Fitting /Welding/Carpentry][Any three from four]

					The state of the s	ribution Mark			Distribution Classes/W		Total yearly
Group	Paper no.	Code	Subject	Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes
Language	1	BEN2/ HIN2/ NEP2/ URD2	First Language:Bengali /Hindi/Nepali/Urdu	80		20	100	2	1	3	108
	2	ENG2	Second Language: English	80		20	100	2	3(1+2*)	5	180
Vocational	3.		Two vocational papers as prescribed under vocational group [to be selected from table under Sl no. IV]	50	40	10	100	,			252
_	٥.	1 114	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

	200					ribution Mark		of e	Distributio Classes/W		Total yearly
Group	Paper no.	Code		Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes
	5	MTH2	Mathematics [AE1]	80	-	20	100	4	1	5	180
Compulsory Academic	6		One subject from Academic Electives [ to be chosen from sl no. 2 or sl no 3 of list given in table under Sl.No.III i.e. either PHYSICS or CHEMISTRY][AE2]	70	30	a	100	4	2	6	216
Optional Elective	7		One subject from Academic Electives [ to be chosen from sl no. 2 or sl no 3 of list given below in table underSl.No.III i.e. either CHEMISTRY or	70	30		100	4	2	6	216
ОН		or	PHYSICS] [AE3] OR	Med.				- 1			
		VP3	One vocational subject as prescribed under vocational course [to be selected from table under Sl no. IV][VP3]	50	40	10	100	3	4	7	252
Com- mon	8.	ENST	Environmental Studies (**)	80		20	100	2 24/13	17/19	2 41/42	72

<sup>(\*) 2</sup> Periods are kept to develop the communication skill in English.

Choice of VP1, VP2 and VP3 is limited to the choice of basic vocational paper as selected in class XI and as described in table under SI no. IV

<sup>(\*\*)</sup> The theory subject "Environmental Studies" [ENST] is compulsory for all the candidates only to generate awareness among the students. Evaluation will be taken place at the end of the year, but the obtained marks will not be considered for calculation of final marks.

# CURRICULUM STRUCTURE FOR H.S. (VOCATIONAL) COURSES w.e.f. 2015-16 session Discipline: Business & Commerce [BC]

#### I. Scheme of Studies

No. of periods per week*	Theory+Practical	40/42/43	No. of effective weeks per year	40
			No. of weeks for class	36
			No. of weeks for exam	4
Duration of period	Theory	40 min		
**	Practical	40 min		

<sup>\* 8</sup> periods per day (Monday to Friday) x 5 = 40 periods + 4 periods in each Saturday.

## II. Courses, Distribution of Marks and Classes

			e Subject	1 11	Distribution of Mark			of	Total yearly		
Group	Paper no.	Code		Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes
Language	1	BEN1/ HIN1/ NEP1/ URD1	Bengali/Hindi/Nepali/	80		20	100	2	1	3	108
	2	ENG1	Second Language: English	80		20	100	2	-1 -	3	108
Basic Vocational		As per choice	subjects to be chosen from given list (\$)	la de la companya de		1			6 d. j.		Tate
Voc	3	Comp.	i) Basic Vocational Paper I	50	- XD4 E	50	100	3	4	7	252
	4		ii) Basic Vocational Paper II	50		50	100	3	4	7	252

<sup>\*\*</sup> Effective class duration: Monday to Friday - 5 hours 20min. per day, and Saturday - 2 hours 40 min.

Group	Paper no.		Subject L			ibution Mark	of e	Total yearly			
		Code		Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes
Academic elective	5	As per choice	Two elective subjects from three academic electives (#) i) Academic Elective subject I ii) Academic Elective subject II	70 70		30 30	100	4	2 2	6	216 216
Common	7	EDCA	Entrepreneurship & Development Computer Application	50 [25 + 25]	25	25	100 [50 + 50]	4 [2 + 2]	4 [1 + 3]	8 [3 + 5]	288 108 + 180]

A Candidate shall have to appear at all subjects in the Annual Examination of Class XI and have to pass at least 5 subjects to pass class XI as per below distribution:

- Both subjects of Language group (Paper1 & Paper2)
- Both Subjects of Vocational group (Paper3 & Paper4)
- Any one subject either from Academic Elective group or from Common group (i.e. any one paper from Paper 5, Paper 6 & Paper 7). In case candidate pass in more than one subjects out of paper 5, paper 6 and paper 7, then subject with highest marks will be considered for calculation of Grade.

#### (S) List of Basic Vocational papers under Vocational Group for class XI

(Reference to table under SI No IV must be made for choice of VP1 and VP2 in Class XII before choosing two Basic Vocational papers in this group from the list below)

- Practical Taxation-I(PTX1)
- Retail Management and E-Commerce-I(REM1)
- iii) Marketing Management-I(MRM1)
- iv) Travel, Tourism and Hospitality Management-I (THM1)
- v) Event Management-I(EVM1)
- vi) Library & Information Science-Basics, Social Aspect & Resources (LISB)
- vii) Organizing and Maintaining Information in a Library & Information Centre (LISO)

#### (#) List of Academic elective subjects for class XI

(Same combination will have to be maintained as choice of AE1 and AE2 in Class XII. Refer to table under Sl No. III)

- i) Economics and Business Mathematics & Statistics-I(EBM1)
- ii) Business Studies and Management-I(BSM1)
- iii) Accountancy-I (ACT1)

0.24	0.			- 8	Distr	ibutio	on of C	lasse	es/Week		Total
Group	Paper no.	Code Subject	Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	yearly classes	
Language	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali/Urdu	80		20	100	2	1	3	108
	2	ENG2	Second Language: English	80		20	100	2	3(1+2*)	5	180
Vocational	3 4		Two vocational subjects as prescribed under vocational course [to be selected from table under Sl no. IV]  i) Vocational Paper I[VP1]  ii) Vocational Paper II[VP2]	50 50		50 50	100	3 3	4 4	7 7	252 252
Compulsory Academic	5 6		Two elective subjects from three (3) academic electives from table under SI no. III(#) i) Academic Elective I[AE1] ii) Academic Elective II[AE2]	70 70		30 30	100	4 4	2 2	6	216 216
Optional Elective	7	BLAW OR CSTG	Business Law [AE3] OR Costing [VP3]	70 50	-	30 50	100	4	2	6	216 252
Common	8	ENST	Environmental Studies (**)	80	-	20	100	2		2	72
								24 /23	18 /20	42 /43	

# CURRICULUM STRUCTURE FOR H.S. (VOCATIONAL) COURSES w.e.f. 2015-16 session

Discipline: Agriculture (AG)

#### I. Scheme of Studies

No. of periods per week*	Theory +Practical	40/42/43	No. of effective weeks per year	40
			No. of weeks for class	36
			No. of weeks for exam	4
Duration of period**	Theory	40 min		
	Practical	40 min		

<sup>\* 8</sup> periods per day (Monday to Friday) x 5 = 40 periods + 4 periods in each Saturday.

## II. Courses, Distribution Of Marks And Classes

Class-XI

	_	est.	Subject	54	-	ibution Mark	Distribution of Classes/Week			Total yearly	
Group	Paper no.	Code		Theory	Practical	Project	Total	Theory	Practical/ Project	Total	classes
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali/Hindi/Nepali/ Urdu	80		20	100	2	1	3	108
ï	2	ENG1	Second Language: English	80	- 3. 1	20	100	2	1	3	108
nal	3	BAAG	i) Basic Agriculture	50	50		100	3	4	7	252
Basic Vocational	4	BAAH	ii) Basic Animal Husbandry	50	50		100	3	4	7	252
	5	BIO1	Biology	70	30		100	4	2	6	216
Academic	6	BSPC	Basic Science [Physics + Chemistry]	70 [35 + 35]	30 [15 + 15]		100 [50 + 50]	4 [2 + 2]	2@ [1 + 1]	6 [4 + 4]	216 [108 + 108]

<sup>\*\*</sup> Effective class duration: Monday to Friday - 5 hours 20min. per day, and Saturday - 2 hours 40 min.

Group					Distribution of Mark				Distribution of Classes/Week			
	Paper no.	Code	Subject	Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes	
Common	7	EDCA	Entrepreneurship Development & Computer Application	50 [25 + 25]	25	25	100 [50 + 50]	4 [2 + 2]	4 [1 + 3]	8 [3 + 5]	288 [108 + 180]	
								22	18	40		

A Candidate shall have to appear at all subjects in the Annual Examination of Class XI and have to pass at least 5 subjects to pass class XI as per below distribution:

- Both subjects of Language group (Paper 1 & Paper 2)
- Both Subjects of Vocational group (Paper3 & Paper4)
- Any one subject either from Academic Elective group or from Common group (i.e. any one paper from Paper5, Paper6 & Paper7). In case candidate passes in more than one subjects then the subject with highest marks will be considered for calculation of Grade.

@Physics and Chemistry practical may be taken alternate week keeping continuous 2 periods for each lab.

Group	00		e Subject	Di	stribu Mai	FISCHER CO.	of	Distribution of Classes/Week			Total yearly
	Paper n	Code		Theory	Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	classes
Language	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali/Urdu	80		20	100	2	1	3	108
-	2	ENG2	Second Language: English	80	1	20	100	2	3(1+2*)	5	180
Vocational	3 4	I J J I E	Two vocational subjects as prescribed under vocational course [to be selected from table under SI no. IV] i) Vocational Paper I[VP1] ii) Vocational Paper II[VP2]	50 50	40 40	10 10	100	3 3	4 4	7 7	252 252

Group	.00				istrib Ma	ution rks	of	10000	n of eek	Total yearly	
	Paper no.	Code	Subject	Theory	Practical	Project	Total	Theory	Practical/ Project	Total	classes
nic	5	BIO2	Biology (AE1)	70	30	-	100	4	2	6	216
Compulsory Academic	6	PHYS /CHEM	One subject from Academic Electives [ to be chosen from sl no. 2 or sl no 3 of list given in table under Sl.No.III i.e. either PHYSICS or CHEMISTRY] [AE2]	70	30	-	100	4	2	6	216
Optional Elective	7	CHEM /PHYS or	One subject from Academic Electives [ to be chosen from sl no. 2 or sl no 3 of list given in table under Sl.No.III i.e. either CHEMISTRY or PHYSICS][AE3] OR	70	30		100	4	2	6	216
0		VP3	One vocational subject as prescribed under respective vocational group [to be selected from table under Sl no. IV] [VP3]	50	40	10	100	3	4	7	252
Common	8	ENST	Environmental Studies (**)	80		20	100	2	•	2	72
								24 /23	18 /20	42 /43	

<sup>(\*) 2</sup> Periods are kept to develop the communication skill in English.

<sup>(\*\*)</sup> The theory subject "Environmental Studies" [ENST] is compulsory for all the candidates only to generate awareness among the students. Evaluation will be taken place at the end of the year, but the obtained marks will not be considered for calculation of final marks.