

COMMUNITY COLLEGE SCHEME

2012-13

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

7TH FLOOR, CHANDERLOK BUILDING

JANPATH, NEW DELHI – 110 001

INDEX

S.NO.	TOPICS	PAGE NO.
1.	INTRODUCTION	4
2.	PROPOSED CONCEPT OF COMMUNITY COLLEGES	7
3.		
4.		
	AUTOMOBILES	
5.	ENGINE TESTING	8
6.	VEHICLE TESTING	13
7.	VEHICLE QUALITY	18
8.	AUTO ELECTRICALS AND ELECTRONICS	24
9.	FARM EQUIPMENT AND MACHINERY	29
	ENTERTAINMENT	
10.	THEATRE AND STAGE CRAFT	34
	INFORMATION TECHNOLOGY	
11.	SOFTWARE DEVELOPMENT	40
	COMMUNICATIONS	
12.	MOBILE COMMUNICATION	47
	ECONOMICS AND FINANCE	
13.	RETAIL	52
	AGRICULTURE	
14.	FARM MACHINERY AND POWER ENGINEERING	63
15.	GREEN HOUSE TECHNOLOGY	68
16.	RENEWABLE ENERGY	73
17.	FOOD PROCESSING	78
18.	SOIL AND WATER CONSERVATION	83
	CONSTRUCTION	

19.	CONSTRUCTION AND BUILDING TECHNOLOGY	88
	APPLIED ARTS	
20.	FASHION TECHNOLOGY	94
21.	INTERIOR DESIGN	99
22.	JEWELLERY DESIGN	106
	TOURISM AND SERVICE INDUSTRY	
23.	TOURISM	112
	PRINTING & PUBLISHING	
24.	PRINTING & PACKAGING	118

Introduction

India is a vast country with a population of approximately 120 crore. 75% of India's population lives in about six lac villages. There is a visible difference in rural and urban, rich and poor, highly educated and lesser educated, forward and backward areas. While resourceful people, particularly those living in urban areas, have had access to better education and professional training, but vast majority of those who live in rural areas and slums are lesser educated and hardly undergo any technical, professional and vocational training. In fact, for most of such people, quality education and higher technical and professional education is unaffordable.

In terms of career options, such lesser educated and not so fortunate people tend to work in low paid unorganized sector. Per person productivity of such persons works out to be a small fraction of productivity of those who work in organized sector of Indian economy. In an increasingly competitive economic environment of our country, the unorganized sector, which is so important for the country, needs to increase the productivity of its manpower for its survival and growth.

Yet another paradox before the Indian informal sector is that it can not afford employing highly educated and professionally trained manpower which usually aspires for highly challenging, rewarding and satisfying career. The only option available before the Indian informal sector is to depend upon relatively low paid manpower trained through nonformal system of skill development.

There is, therefore, an urgent need to train millions of persons every year through a countrywide network of non-formal skill development. Such non-formal skill training should attract beneficiaries from all cross-sections of Indian society with special emphasis on SCs/STs, OBCs, women, school dropouts, minorities, physically disabled, economically weaker sections of the society and other under-privileged persons.

There are more than 3200 polytechnics and equivalent technical institutions which exhibit potential to provide skill training to millions of youth through their own facilities and or by establishing extension centres in collaboration with ITIs, or Vocational Skill Knowledge providers, NGOs. These polytechnics can also render useful services in adoption of appropriate technologies and providing technical and support services to rural people and slum dwellers.

AICTE approved polytechnics are considered to be a viable vehicle for providing the intended services as mentioned above.

The rationale for choosing AICTE approved Polytechnics for the implementation of Scheme of Community Development through Polytechnics is based on the fact that AICTE approved Polytechnics are equipped with the following type of resources:

- Polytechnics are equipped with physical facilities in the form of buildings, lecture halls, laboratories, workshops, hostels etc. which could be used as Knowledge and Skill Centres for rural community and slums dwellers;
- Polytechnics have qualified and trained faculty who can scientifically formulate, implement and monitor community oriented programs and projects especially where the activity of adoption of appropriate technology is involved;

- Polytechnics have technicians and craftsmen whose services can be utilized to some extent for imparting skill training and adoption of appropriate technologies.

Students of Polytechnics could be of tremendous help in making meaningful contribution to community and rural development. Polytechnics can, therefore, render vital assistance in the community development work. This, they can do partly by utilizing their own resources and partly by mobilizing the resources available at the higher technological institutions. The involvement of Polytechnics in implementing the Scheme of Community Development through Polytechnics is need of the hour.

Skill Development Training Programmes through Community Polytechnics

In order that the human resource is developed for gainful employment/self employment, the training must be need based, and should provide employable/ self-employable skills. The purpose of the skill development is to create skilled and knowledge based manpower by empowering them technically so that they can earn their sustainable livelihood.

All training programs should be well-designed through graded exercises, keeping in view the market requirements for various trades. Short term non-formal, modular courses of 3-6 months duration, depending on the local needs and commensurate with the available local resources with proper structures, yet having the desired flexibility to pave the way for self paced open learning mode (OLM), should be offered.

Depending upon local circumstances in some cases Multi-skill training may be offered to make self employment viable in the rural economy. In some of the trades, advance skill course for 3 to 6 months duration may be designed and offered as per the interest of trainees or as per the demands of local companies/industries/market. Preferences may be given to the training courses with technical bias.

Possible Objectives of Skill Development Training Programmes:

- Providing basic skills, knowledge and attitudes for self/wage employment to intended beneficiaries in their own villages/communities or nearby areas.
- Imparting entrepreneurial skills for initiating micro/tiny enterprises especially for the rural youth and community.
- Offering skill up-gradation programs in their own fields, or for adoption of appropriate technologies for enhancing their employment prospects e.g. masons may be trained for construction of bio-gas plants, low cost latrines, water storage tanks, ferro-cement articles; blacksmith may be trained in welding, fabrication, etc.
- Identifying and conducting special skill training programs for Women, SCs/STs, OBCs, minorities, school dropouts, street children, physically handicapped, economically weaker sections of the society and other under-privileged persons

- Special training programs on health and hygiene, sanitation and mechanization of sanitary services and skill programs pertaining to liberation and rehabilitation of scavengers may be organized.

Features desirable under Skill Development and Training:

The skill development programmes chosen for training shall be based on need assessment survey and felt need of the locality. A lot more emphasis needs to be given to meet the growing demands of the service sector.

Each identified Polytechnic should conduct a survey for identification of priority needs for skill training programs of a cluster of 10 to 20 villages every year. DRDA, NGOs, Voluntary Agencies, Village Panchayats and retired teachers, engineers and other reputed persons should be involved in the process.

The skill programs offered should be flexible and non-formal with open access to all, without any precondition of age, sex and educational qualification.

The identified Polytechnics should target the poor and deprived sections of society in both urban and rural areas specifically Women, SCs/STs, OBCs, minorities, school dropouts, street children, physically handicapped, economically weaker sections of the society and other under-privileged persons.

To facilitate self-employment in service sector, emphasis should be on multi- skill training, while for employment in production centres, training may be given either on specialized designated skills or multi-trade skills depending on needs and requirements.

Possibility of sharing of financial/infrastructural/skill resources available with different institutions/ organizations/agencies may be explored.

Infrastructure facilities available in the polytechnics should be utilized in conducting various training programmes.

The infrastructure available in ITIs/Vocational Schools/Colleges/ Technical Institutions wherever available may be utilised for the skill development training programs.

Achievements of the trainees in terms of competencies developed may be done by way of issuing certificates, indicating the level of proficiency the beneficiary has attained through participation in the skill programs. Such certificate issued by the Polytechnics will help the employing agencies in making recruitment.

The identified polytechnics may collaborate with potential employers in their vicinity to awarding certificates to the participants of skill programmes jointly.

The identified Polytechnics should develop a proper feedback mechanism to know the post-training status of the trainees specifically with regard to their getting self/wage employment.

The major criteria for judging the effectiveness of the training imparted are the rate of employability and the skills attained by the trainees. The polytechnics should start only the need-based skill training programs.

PROPOSED CONCEPT OF COMMUNITY COLLEGES

NVEQF Level	Community College Level	Vocational Skill Building in hrs	General Education in hrs	Total in hrs	Who is eligible	What will be given (Certification) and who will provide
I	I	200	Communication Skills 250	1000	Any	Polytechnics will conduct Board will certify level I
II		300	Basic Sciences 250			
III	II	400	Communication Skills 100	1000	Above and any provided the skills at I are certified	Polytechnics will conduct Board will certify level II
IV		400	Basic Sciences 100			
V	III	600	Computing skills 200 Any Foreign language or any other Indian language other than native: 200	1000	Above and any provided the skills at I, II are certified	Polytechnics will conduct Board will certify level III
VI	IV	700	Basic accounting and Book Keeping skills 150 Entrepreneurial Skills, Setup small business etc.150	1000	Above and any provided the skills at I, II, III are certified	Polytechnics will conduct Board will certify level IV
VII	V	800	Presentation, grooming and finishing skills 200	1000	Above and any provided the skills at I, II, III, IV are certified	Polytechnics will conduct Board will award Community Skill Diploma

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: ENGINE TESTING: CC/AUTO/ET/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TOOLS : TOOLS USAGE	50	1.	COMMUNICATION SKILLS	250
2.	2 W ENGINES SCOOTER : COMPLETE ENGINE STRIPPING MOTOR CYCLES: ENGINE REASSY	100	2.	BASIC SCIENCES	250
3.	2W GEN VEHSERV:	100			
4.	3W ENGINE PETROL : COMPLETE ENGINE STRIPPING DIESEL : ENGINE REASSY ALT FUEL: RE MOUNTING ON VEHICLE	150			
5.	3W GEN VEHICLE ROUTINE MAINTENANCE CHECKS SERVICE: ROUTINE REPAIRS: ELECTRICALS/ CONTROLS	100			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: ENGINE TESTING: CC/AUTO/ET/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HR S.	S.N O	GENERAL CONTENT	HR S.
1.	TOOLS : USAGE	50	1.	COMMUNICATION SKILLS	100
2.	4 WHEELER ENGINE: DISMANTLING FROM VEHICLE	150	2.	BASIC SCIENCES	200
3.	ALT FUELS ENGINE PERIPHERALS LIKE - HVAC	150			
4.	ENGINE CONTROLS: FUEL INJ EQPT, SENSORS	100			
5.	MUV/SUV/LCV: DISMANTLING FROM VEHICLE	150			
6.	ALT FUELS: ENGINE PERIPHERALS LIKE- HVAC, ALTERNATOR, VACUUM PUMP, STEERING PUMP, AIR INTAKE SYSTEM, EXHAUST SYSTEM, COOLING SYSTEM, CATCON/OXYCAT	100			
7.	ENGINE CONTROLS: FUEL INJ EQPT, SENSORS	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: ENGINE TESTING: CC/AUTO/ET/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	HCV: DISMANTLING FROM VEHICLE, ENGINE STRIPPING, REASSY, REMOUNTING ON VEHICLE, ENGINE PERIPHERALS LIKE HVAC, ALTERNATOR, VACUUM PUMP, STEERING PUMP, AIR INTAKE SYSTEM	200	1.	COMPUTING SKILLS	200
2.	HCV:EXHAUST SYSTEM, COOLING SYSTEM ,OXYCAT EGR TURBO CHARGER	200	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE:	200
3.	HCV: ENGINE CONTROLS, FUEL INJ EQPT, SENSORS	200			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: ENGINE TESTING: CC/AUTO/ET/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ENGINE TESTING: MOUNTING ON DYNAMOMETER	50	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	ALL TYPES OF ENGINES: TEST BENCH/DYNO/CONTROLS	100	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	GEN PERFORMANCE TESTS	50			
4.	GEN DURABILITY TESTS	150			
5.	GEN INSTRUMENTATION	100			
6.	DATA COLLECTION/ TRANSFER	100			
7.	TROUBLE SHOOTING,	100			
8.	DIAGNOSTICS	50			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: ENGINE TESTING: CC/AUTO/ET/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED ENGINE: INSTRUMENTATION-	125	1.	PRESENTATION, GROOMING AND FINISHING SKILLS	200
2.	TESTING AND: DATA ACQUISITION EQPT	125			
3.	VALIDATION: SIMULATION TESTS, SPECIAL TESTS, DATA COLLECTION, TRANSIENT ANALYSIS	550			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE TESTING : CC/AUTO/VT/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TOOLS: USAGE	50	1.	COMMUNICATION SKILLS	250
2.	LIGHT 4W VEHS :DISMANTLING OF VEH PERIPHERALS PASS CARS A/B SEG : ASSY OF VEHICLE PERIPHERALS	100	2.	BASIC SCIENCES	250
3.	GEN VEH SERVICE: ROUTINE MAINT CHECKS	100			
4	MUV/LCV/SUV : DISMANTLING OF VEH PERIPHERALS, RE ASSY ON VEHICLE	150			
5.	GEN VEH SERVICE : ROUTINE MAINTENANCE CHECKS	100			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE TESTING : CC/AUTO/VT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HR S.	S.N O	GENERAL CONTENT	HR S.
1.	TOOLS: USAGE	100	1.	COMMUNICATION SKILLS	100
2.	MCV/HCV : DISMANTLING OF VEH PERIPHERALS, RE ASSY ON VEHICLE	200	2.	BASIC SCIENCES	100
3.	GEN VEH SERVICE : ROUTINE MAINTENANCE CHECKS	150			
4.	MUV/SUV/LCV : BASIC DRIVING SKILLS PASS CARS : DRIVING REQUIREMENTS - CRITICAL SITUATIONS, GENERAL DURABILITY TESTING,	150			
5.	PERFORMANCE TESTING, ACCELERATED DURABILITY TESTING ON TRACKS	200			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE TESTING : CC/AUTO/VT/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ALL CV: BASIC DRIVING SKILLS, DRIVING REQUIREMENTS - CRITICAL SITUATIONS,	300	1.	COMPUTING SKILLS	200
2.	GENERAL DURABILITY TESTING, PERFORMANCE TESTING, ACCELERATED DURABILITY TESTING ON TRACKS,	300	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE TESTING: CC/AUTO/VT/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SPECIFIC TESTING AND EQUIPMENT: CHASSIS DYNAMOMETER BRAKE TESTING DYNO	350	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS ENTREPRENEURIAL SKILLS	150
2.	SPECIFIC TESTING AND VALIDATION : EMISSIONS FUEL EFFICIENCY	350	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC	150
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE TESTING: CC/AUTO/VT/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED SKILLS : INSTRUMENTATION, ALL VEHICLES	400	1.	PRESENTATION, GROOMING AND FINISHING SKILLS	200
2.	DYNAMIC EVALUATION : ASSESSMENT	400			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE QUALITY: CC/AUTO/VQ/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1	WELDING TYPES / JOINTS, APPLICATION	50	1.	COMMUNICATION SKILLS	250
2	ARC, MIG, TIG, WELDING EQUIPMENTS	100	2.	BASIC SCIENCES	250
3	GAS, BREZING, SOLDERING, PROCESS PARAMETERS	50			
4	SPOT, SEAM: TYPES OF JOINTS, WELDING QUALIFICATION	50			
5	BODY IN WHITE: BASIC STRUCTURAL EXPOSURE, PRESS PARTS, HANDLING,	60			
6	JOINERIES & REINFORCEMENTS,	70			
7	WELDING PROCESS FOR ALL JOINTS,	50			
8	FIXTURES	50			
9	SEALANTS	20			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE QUALITY: CC/AUTO/VQ/LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BODY WORKS: TOOLS,	40	1.	COMMUNICATION SKILLS	100
2.	DAMAGE MODES - DENTS, ACCIDENTS,	40	2.	BASIC SCIENCES	100
3.	RECTIFICATION ALTERNATIVES REPLACEMENT , DENTING & FINISHING ,	100			
4.	SURFACE PREPARATION & PROCESS, SURFACE PROTECTION,	150			
5.	ALIGNMENTS & MEASUREMENTS, GAPS & FLUSHNESS	100			
6.	TRIMS & ADD-ONS: EXPOSURE,	40			
7.	SEATS, UPHOLSTRY & COMFORT,	30			
8.	TRIM PANELS -	30			
9.	DOORS, WINDOW & SEALING,	100			
10.	DASH BOARD, INSTRUMENT PANEL,	30			
11.	ACOUSTIC & THERMAL INSULATION,	30			
12.	SAFETY EQUIPMENTS,	30			

13.	NVH,	30			
14.	HVAC	50			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE QUALITY: CC/AUTO/VQ/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	PAINTING & FINISHING: TOOLS & EQUIPMENTS, SURFACE PREPARATION, PAINTING PROCESS, COATINGS & SEALINGS, SURFACE TEXTURES, PLASTIC PARTS PAINTING	350	1.	COMPUTING SKILLS	200
2.	SURFACE PROTECTIVE: VARIOUS TYPES OF PLATINGS	100	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE:	200
3.	COATING: POWDER COATING	100			
4.	LAB TESTING : LIFE, SCRATCH, GLOSS, CORROSION TESTING	50			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

SPECIALIZATION: VEHICLE QUALITY: CC/AUTO/VQ/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	METROLOGY: INSTRUMENTS – MEASURING, INSTRUMENTS – LAB, MEASUREMENT PARAMETERS, DRAWINGS & SPECIFICATIONS	300	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	STANDARD ROOM: EQUIPMENTS, CALIBRATION SYSTEM	200	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	CMM : OPERATIONS & MEASUREMENTS, SURFACE SCANNERS	200			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE QUALITY: CC/AUTO/VQ/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	MATERIALS : INTRODUCTION	100	1.	PRESENTATION, GROOMING AND FINISHING SKILLS	200
2.	FERROUS AND NONFERROUS : PHYSICAL PROPERTIES	100			
3.	PLASTICS : MECHANICAL PROPERTIES	150			
4.	RUBBERS : HEAT TREATMENT PROCESS	100			
5.	GLASS : TESTING	150			
6.	COMPOSITES: APPLICATION, RECYCLABILITY,	200			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : CC/AUTO/AEE/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC AUTO ELECTRICALS: BASIC INTRODUCTION / TOOLS	50	1.	COMMUNICATION SKILLS	250
2.	APPLICATION 2 & 3 WHEELERS :POWER SOURCE, WIRING & CONNECTORS,	100	2.	BASIC SCIENCES	250
3.	WIRING DIAGRAMS, LIGHTING SYSTEMS,	50			
4.	SIGNALS & ALARMS, ROUTING & CLAMPING	50			
5.	BASIC AUTO ELECTRICALS: BASIC INTRODUCTION / TOOLS	40			
6.	APPLICATION: 4WHEELER : POWER SOURCE, WIRING & CONNECTORS, WIRING DIAGRAMS, LIGHTING SYSTEMS, SIGNALS & ALARMS, ROUTING & CLAMPING, WIPERS & WINDOW WINDERS, AC, MUSIC SYSTEM	210			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : CC/AUTO/AEE/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC AUTO ELECTRICALS : BASIC INTRODUCTION / TOOLS	100	1.	COMMUNICATION SKILLS	100
2.	APPLICATION : CV : POWER SOURCE, WIRING & CONNECTORS, WIRING DIAGRAMS, LIGHTING SYSTEMS, SIGNALS & ALARMS, ROUTING & CLAMPING, WIPERS & WINDOW WINDERS, AC, MUSIC SYSTEM, BASIC ELECTRONICS	350	2.	BASIC SCIENCES	200
3.	AUTO ELECTRONICS: BASICS, SENSORS, WIRINGS, INSTALLATIONS, ECU, DIAGNOSTICS, SETTINGS, CALIBRATION, SERVICE /SPARES, INSTRUMENT CLUSTER	350			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : CC/AUTO/AEE/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ECU TECHNOLOGY: BASICS, PROGRAMMING, MAPPING, FLASHING, DIAGNOSTICS	600	1.	COMPUTING SKILLS	200
			2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : CC/AUTO/AEE/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCE ELECTRONICS I: CAN BUS SYSTEM, IMMOBILISER SYSTEM, INTEGRATION OF ALL ECU, DIAGNOSTICS, ACCESSORIES - MOBILE, WI-FI, GPS ETC, SAFETY SYSTEMS	700	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
			2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : CC/AUTO/AEE/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCE ELECTRONICS II: CAN BUS SYSTEM, INTEGRATION OF ALL ECU, DIAGNOSTICS, SAFETY SYSTEMS, CRASH SYSTEM, ELECTRONIC STABILITY CONTROLLING SYSTEMS, INFORMATICS	800	1.	PRESENTATION, GROOMING AND FINISHING SKILLS	200
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: CC/AUTO/FEM/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR (15HP TO 60HP) : TOOLS USAGE, PERIPHERALS DISMANTLING, PERIPHERALS ASSEMBLING, ROUTINE SERVICE & REPAIRS, HYDRAULICS, IMPLEMENTS, ELECTRICALS	250	1.	COMMUNICATION SKILLS	250
	FARM TRACTOR: TOOLS USAGE, PERIPHERALS DISMANTLING, PERIPHERALS ASSEMBLING, ROUTINE SERVICE & REPAIRS, HYDRAULICS, IMPLEMENTS, ELECTRICALS	250	2.	BASIC SCIENCES	250
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)

SECTOR: AUTOMOBILES

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: CC/AUTO/FEM/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All Vocational Ed Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR: TOOLS ,TRACTOR DISMANTLING ,ENGINE STRIPPING, REASSEMBLY -ENGINE & T/M., TRACTOR ASSEMBLY, BRAKE SYSTEMS, STEERING SYSTEM, HYDRAULIC SYSTEM COMPLETE, CONTROLS & MECHANISM, FUEL SYSTEMS, COOLING, AIR INTAKE & EXHAUST	400	1.	COMMUNICATION SKILLS	100
2.	FARM TRACTOR: TRACTOR DISMANTLING ,ENGINE STRIPPING, REASSEMBLY - ENGINE & T/M., TRACTOR ASSEMBLY, BRAKE SYSTEMS-COMPONENT LEVEL, STEERING SYSTEM-COMPONENT SYSTEM, HYDRAULIC SYSTEM COMPLETE, FUEL SYSTEMS-FIP, INJECTORS, IMPLEMENT- ATTACHMENT & OPERATION, FAULT FINDING & RECTIFICATION	400	2.	BASIC SCIENCES	200
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: CC/AUTO/FEM/III

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR BASIC	100	1.	COMPUTING SKILLS	200
2.	TESTING: BASICS ,PERFORMANCE – HAULAGE, PERFORMANCE - FARM OPERATIONS,	200	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	STEERING & BRAKE /CLUTCH , HYDRAULIC TESTING, PTO TESTING, ATTACHMENT & IMPLEMENT TESTING, NVH & EMISSIONS	300			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)

SECTOR: AUTOMOBILES

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: CC/AUTO/FEM/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR: PERFORMANCE ENHANCEMENT – HAULAGE, PERFORMANCE ENHANCEMENT - FARM OPERATIONS,	200	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS	150
2.	STEERING & BRAKE /CLUTCH - DURABILITY, HYDRAULIC TESTING – DURABILITY, PTO TESTING – DURABILITY	200	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	ATTACHMENT & IMPLEMENT TESTING, NVH, EMISSIONS & COMFORT – DRIVER, DIAGNOSTICS, TRAINING TO USERS,	300			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AUTOMOBILES

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: CC/AUTO/FEM/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TRACTOR MOUNTED: EQPT. - BACKHOE: FRONT END LOADER: SELECTION & INSTALLATION, PERFORMANCE TESTING, HYDRAULIC & PTO , SPECIAL TESTS	300	1.	PRESENTATION, GROOMING AND FINISHING SKILLS	200
2.	EARTH MOVING EQPT. -: OPRT &MAINT., HYDRAULICS &CONTROLS , APPLICATION , TESTING , TROUBLE SHOOTING	500			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ENTERTAINMENT

SPECIALIZATION: THEATRE AND STAGE CRAFT: CC/ENT/TSC/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE PROCESSING, ANALYZING, AND RESPONDING TO SENSORY THROUGH THE LANGUAGE AND SKILLS UNIQUE TO THEATRE AND VISUAL ARTS	30	1.	COMMUNICATION SKILLS	250
2.	CREATIVE EXPRESSION CREATING, VISUAL ARTS, PERFORMING, AND PARTICIPATING IN THEATRE	60	2.	BASIC SCIENCES	250
3.	HISTORY AND CULTURAL CONTEXT UNDERSTANDING THE HISTORICAL CONTRIBUTIONS AND CULTURAL ASPECT OF THEATRE : HISTORY OF THEATRE	30			
4.	AESTHETIC VALUE RESPONDING TO, ANALYZING, AND CRITIQUING THEATRICAL EXPERIENCES WITH REFERENCE TO VISUAL ARTS	40			
5.	CONNECTION INTERACTIONS AND APPLICATIONS, CONNECTING AND APPLYING WHAT IS LEARNED IN THEATRE, TO OTHER ART FORMS AND SUBJECT AREAS AND TO CAREERS	40			
6.	PROJECT	30			

7.	LIFE- SKILLS	30			
8.	THEORY AND PRACTICE	30			
9.	CREATIVE EXPRESSION	100			
10.	HISTORY AND CULTURAL CONTEXT	30			
11.	CONNECTION INTERACTIONS AND APPLICATIONS I	50			
12.	LIFE-SKILLS EDUCATION THROUGH DRAMA AND ARTS	30			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ENTERTAINMENT

SPECIALIZATION: THEATRE AND STAGE CRAFT: CC/ENT/TSC/LIII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	150	1.	COMMUNICATION SKILLS	100
2.	CREATIVE EXPRESSION	150	2.	BASIC SCIENCES	200
3.	HISTORY AND CULTURAL CONTEXT	100			
4.	AESTHETIC VALUE	100			
5.	CONNECTION INTERACTIONS AND APPLICATIONS	100			
6.	PROJECT	100			
7.	LIFE-SKILLLS EDUCATION THROUGH DRAMA AND ARTS-	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ENTERTAINMENT

SPECIALIZATION: THEATRE AND STAGE CRAFT: CC/ENT/TSC/LV

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	50	1.	COMPUTING SKILLS	200
2.	CREATIVE EXPRESSION	100	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	HISTORY AND CULTURAL CONTEXT	50			
4.	AESTHETIC VALUE	50			
5.	CONNECTION INTERACTIONS AND APPLICATIONS	100			
6.	COMPUTER	100			
7.	PROJECT	100			
8.	LIFE-SKILLS EDUCATION THROUGH DRAMA AND ARTS	50			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ENTERTAINMENT

SPECIALIZATION: THEATRE AND STAGE CRAFT:CC/ENT/TSC/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	100	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS	150
2.	CREATIVE EXPRESSION	100	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	HISTORY AND CULTURAL CONTEXT	100			
4.	AESTHETIC VALUE	100			
5.	CONNECTION INTERACTIONS AND APPLICATIONS	150			
6.	COMPUTER	50			
7.	PROJECT	50			
8.	LIFE-SKILLS EDUCATION THROUGH DRAMA AND ARTS	50			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ENTERTAINMENT

SPECIALIZATION: THEATRE AND STAGE CRAFT: CC/ENT/TSC/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	100	1.	PRESENTATION, GROOMING AND FINISHING SKILLS	200
2.	CREATIVE EXPRESSION	150			
3.	HISTORY AND CULTURAL CONTEXT	50			
4.	AESTHETIC VALUE	100			
5.	CONNECTION INTERACTIONS APPLICATIONS	100			
6.	COMPUTER	100			
7.	PROJECT	100			
8.	LIFE- SKILLS EDUCATION THROUGH DRAMA AND ARTS	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: INFORMATION TECHNOLOGY

SPECIALIZATION: SOFTWARE DEVELOPMENT: CC/IT/SD/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DIGITAL LITERACY:	50	1.	COMMUNICATION SKILLS	250
2.	WORD PROCESSING SPREADSHEET:	90	2.	BASIC SCIENCES	250
3.	PRESENTATION AND LANGUAGE	50			
4.	E-MAIL MESSAGING	50			
5.	DIGITAL LITERACY: WORD PROCESSING, SPREADSHEET:, PRESENTATION	150			
6.	E-MAIL MESSAGING	30			
7.	DATABASE	30			
8.	LANGUAGE	50			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: INFORMATION TECHNOLOGY
SPECIALIZATION: SOFTWARE DEVELOPMENT: CC/IT/SD/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DIGITAL LITERARY	50	1.	COMMUNICATION SKILLS	100
2.	WORD PROCESSING	100	2.	BASIC SCIENCES	200
3.	SPREADSHEET:	100			
4.	PRESENTATION	50			
5.	E MAIL MESSAGING	50			
6.	COMPUTER NETWORKS	100			
7.	WEB DESIGN	50			
8.	OTHER IT COURSES	50			
9.	SOFTWARE DEVELOPMENT	50			
10.	WEB DEVELOPMENT	50			
11.	PROJECT	50			
12.	LANGUAGE	50			
13.	LANGUAGE	50			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: INFORMATION TECHNOLOGY

SPECIALIZATION: SOFTWARE DEVELOPMENT: CC/IT/SD/LI/II

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORD PROCESSING	50	1.	COMPUTING SKILLS	200
2.	SPREADSHEET:	50	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	PRESENTATION	50			
4.	E MAIL MESSAGING	50			
5.	SERVER ADMINISTRATION FUNDAMENTALS	40			
6.	WINDOW DEVELOPMENT FUNDAMENTALS	40			
7.	WINDOWS 7: TECHNOLOGY SPECIALIST	40			
8.	SHAREPOINT FUNDAMENTALS	40			
9.	SECURITY FUNDAMENTAL	40			
10.	OTHER IT STREAMS	100			
11.	PROJECT AND LANGUAGE	100			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: INFORMATION TECHNOLOGY

SPECIALIZATION: SOFTWARE DEVELOPMENT: CC/IT/SD/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	PROJECT MANAGEMENT	50	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS	150
2.	SQL SERVER: TECHNOLOGY SPECIALIST	50	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	SQL SERVER 2008, IMPLEMENTATION AND MAINTENANCE: 60 HOURS	50			
4.	WINDOWS SERVER 2008 ACTIVE DIRECTORY, CONFIGURING: 60 HOURS	50			
5.	CONFIGURING AND TROUBLESHOOTING IDENTITY AND ACCESS SOLUTIONS WITH WINDOWS SERVER 2008 ACTIVE DIRECTORY	50			
6.	DESIGNING SECURITY FOR MICROSOFT NETWORKS: 70 HOURS	50			
7.	WINDOWS COMMUNICATION FOUNDATION DEVELOPMENT WITH MICROSOFT .NET FRAMEWORK 4	100			

8.	ACCESSING DATA WITH MICROSOFT .NET FRAMEWORK 4	100			
9.	WINDOWS AZURE SOLUTIONS WITH MICROSOFT VISUAL STUDIO 2010	50			
10.	OTHER IT STREAMS	100			
11.	LANGUAGE	50			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: INFORMATION TECHNOLOGY
SPECIALIZATION: SOFTWARE DEVELOPMENT: CC/IT/SD/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TROUBLESHOOTING AND SUPPORTING WINDOWS 7 IN THE ENTERPRISE LENGTH, WINDOWS SERVER 2008 NETWORK INFRASTRUCTURE, CONFIGURING	120	1.	PRESENTATION, GROOMING AND FINISHING SKILLS	200
2.	WINDOWS SERVER 2008 APPLICATIONS INFRASTRUCTURE, CONFIGURING, CONFIGURING AND TROUBLESHOOTING WINDOWS SERVER 2008 TERMINAL SERVICES	120			
3.	CONFIGURING AND TROUBLESHOOTING INTERNET INFORMATION SERVICES IN WINDOWS SERVER 2008	50			
4.	WINDOWS APPLICATIONS DEVELOPMENT WITH MICROSOFT .NET FRAMEWORK 4	70			
5.	WEB APPLICATIONS DEVELOPMENT WITH MICROSOFT .NET FRAMEWORK 4	60			

6.	INTRODUCTION TO WEB DEVELOPMENT WITH MICROSOFT VISUAL STUDIO 2010	50			
7.	WEB DEVELOPMENT SKILLS FROM ASP TO MICROSOFT ASP	100			
8.	MICROSOFT DYNAMICS CRM 2011 CUSTOMIZATION AND CONFIGURATION	50			
9.	SERVICE MANAGEMENT IN MICROSOFT DYNAMICS CRM 2011	30			
10.	PROJECT	100			
11.	LANGUAGE	50			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: COMMUNICATIONS

SPECIALIZATION: MOBILE COMMUNICATION: CC/COMM/MC/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASICS OF ELECTRICITY COMPONENTS	100	1.	COMMUNICATION SKILLS	250
2.	BASIC MOBILE REPAIRING TECHNIQUES	125	2.	BASIC SCIENCES	250
3.	MOBILE REPAIRING	150			
4.	MOBILE TROUBLE SHOOTING	125			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: COMMUNICATIONS

SPECIALIZATION: MOBILE COMMUNICATION: CC/COMM/MC/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HR S.	S.N O	GENERAL CONTENT	HR S.
1.	SMART PHONE REPAIR	200	1.	COMMUNICATION SKILLS	100
2.	TABLET PC REPAIR	150	2.	BASIC SCIENCES	200
3.	OPTICAL FIBER COMMUNICATION	150			
4.	TELEPHONE EXCHANGE- SWITCHING THEORY	150			
5.	DSL	150			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: COMMUNICATIONS

SPECIALIZATION: MOBILE COMMUNICATION: CC/COMM/MC/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TELECOM BASICS & EARTHING SYSTEM	200	1.	COMPUTING SKILLS	200
2.	TELECOM POWER SUPPLY	200	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	TELECOM FUNDAMENTALS- ACTIVE & PASSIVE INFRASTRUCTURE	200			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: COMMUNICATIONS

SPECIALIZATION: MOBILE COMMUNICATION: CC/COMM/MC/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ANTENNA THEORY & INSTALLATION	125	1.	BASIC ACCOUNTING AND BOOK KEEPING	150
2.	MODULATION & MULTIPLE ACCESS TECHNIQUE	125	2.	SKILLS ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	DATA COMMUNICATION	125			
4.	WIRELESS COMMUNICATION-2G	200			
5.	INSTALLATION & COMMISSIONING	125			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: COMMUNICATIONS

SPECIALIZATION: MOBILE COMMUNICATION: CC/COMM/MC/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WIRELESS COMMUNICATION-3G/4G	150	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	INSTALLATION & COMMISSIONING(NODE B & ENODEB)	200			
3.	OPERATION & MAINTENANCE	150			
4.	ON SITE TRAINING	200			
5.	DRIVE TEST 2G/3G	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ECONOMICS & FINANCE

SPECIALIZATION:RETAIL: CC/E&F/R/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	VISIT TO LOCAL KIRANA SHOP TO UNDERSTAND THE PROCESS OF RETAILS SETUP TRANSACTION DEMONSTRATION OF VARIOUS DEPARTMENTS IN RETAIL OUTLETS	40	1.	COMMUNICATION SKILLS	250
2.	PRODUCT DISPLAY- OBJECTIVE AND DESIGN. LOSS PREVENTION ON LOCATION	40	2.	BASIC SCIENCES	250
3.	VISIT TO ANY ORGANIZED (FOOD & GROCERY) RETAILER IN THAT AREA TO UNDERSTAND PRODUCT GROUPING AND CLASSIFICATION. WITNESS THE BASIC FUNCTION OF EACH DEPARTMENT	30			
4.	CLASSIFICATION OF RETAIL ON THE BASIS OF PRODUCT. OWNERSHIP- – FOOD GROCERY – APPAREL/CLOTHING/ACCESSORY – HOME FURNISHING LUXURY BRANDS – SPORTS – PHARMACY AND HEALTH CARE PRODUCTS	30			
5.	VISIT TO SUPERMARKET OR HYPER MARKET TO STUDY PRODUCT TYPE, VARIETY SIZE.	30			
6.	PRODUCT BILLING SYSTEM, BASIC				

	BILLING SYSTEM USED IN RETAIL STORE				
7.	TRAINING STUDENTS ON FRONT LINE SALE, PERSONALITY SKILL- ETIQUETTE, MANNER, DRESSING SENSE, PERSONAL EFFECTIVENESS	30			
8.	FUNCTIONAL ENGLISH IN SERVICE SECTOR	30			
9.	USING DEMONSTRATION AND ROLE PLAY TO DISCUSS ROLE OF CUSTOMER CUSTOMER NEED ANALYSIS CUSTOMER NEED MANAGEMENT	30			
10.	SALE OPENING AND CLOSING EFFECTIVE NEGOTIATION SKILLS CRM PRINCIPALS AND APPLICATION	30			
11.	VISIT TO RETAIL OUTLET TO UNDERSTAND ROLE OF SUPERVISOR VIDEO ON TYPES OF CUSTOMERS AND THEIR HANDLING ORGANIZATION STRUCTURE	30			
12.	VISIT TO RETAIL OUTLET TO UNDERSTAND STORE LOCATION AND DESIGN	30			
13.	STORE DISPLAY AND LAYOUT	30			
14.	STORE IMAGE BY VISUAL MERCHANDISING	30			
15.	WINDOW DISPLAY AND EXTERIOR DESIGN	30			
16.	PROVIDE CUSTOMER ADVICE FOR FOOTWEAR, FASHION, FURNITURE, LUXURIES.	30			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ECONOMICS & FINANCE

SPECIALIZATION:RETAIL: CC/E&F/R/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BUSINESS COMMUNICATION – ROLE PLAY – PRESENTATION – DEMONSTRATION ON BUSINESS COMMUNICATION	100	1.	COMMUNICATION SKILLS	100
2.	RETAIL SELLING – CASE STUDY – DEMONSTRATION – STORE VISIT	100	2.	BASIC SCIENCES	100
3.	RETAIL CUSTOMER SERVICE – STORE VISIT AND LIVE CUSTOMER HANDLING	100			
4.	RETAIL STORE MERCHANDISE AND DISPLAY – 5 DAY ENGAGEMENT WITH RETAIL OUTLET – MONITORING VISUAL MERCHANDISE PRESENTATION – UNDERSTANDING PRODUCT LAYOUT AND DISPLAY	100			
5.	RETAIL SCOPE AND SIGNIFICANCE – SOCIAL AND ECONOMICS SIGNIFICANCE OF RETAIL	100			

	– OPPORTUNITIES IN RETAILING				
6.	RETAIL FORMATS – RETAILER CHARACTERISTICS – STORE AND NON STORE RETAILING – TYPES OF OWNERSHIP IN RETAILING – MULTICHANNEL RETAILING – VARIOUS STORE VISITS AND USE OF VIDEOS	75			
7.	STORE LAYOUT AND DESIGN – STORE DESIGN OBJECTIVES – STORE DESIGN LAYOUTS – SPACE MANAGEMENT – VISUAL MERCHANDISING – WEBSITE DESIGN – VISIT RETAIL STORE UNIT TO UNDERSTAND STORE DESIGN AND LAYOUT	75			
8.	STORE LOCATION – EVALUATION OF SPECIFIC LOCATION – TRADE AREA CHARACTERISTICS – NO OF STORES – LOCAL AREA LOCATION ANALYSIS	75			
9.	STORE MANAGEMENT – MAJOR STORE JOBS AND RESPONSIBILITIES – MANAGING PEAK SALES – MANAGING SHOPLIFTING AND THEFT – MANAGING LABOUR	75			

	<ul style="list-style-type: none"> - MANAGING MAINTENANCE - MANAGING VENDOR - 5 DAY ENGAGEMENT TRAINING WITH ANY RETAILER 				
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ECONOMICS & FINANCE

SPECIALIZATION:RETAIL: CC/E&F/R/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RETAIL ENVIRONMENT – GROWTH OF RETAILING IN INDIA – INTERNATIONAL RETAILING – MULTI CHANNEL RETAILER	120	1.	COMPUTING SKILLS	200
2.	FUNDAMENTAL OF MARKETING – MARKETING MIX – PRODUCT CONCEPT – PRICING CONCEPT – DISTRIBUTION – PROMOTION	120	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	BUSINESS COMMUNICATION – VERBAL AND NON VERBAL COMMUNICATION – RETAIL COMMUNICATION FORMS – CHALLENGES OF RETAIL COMMUNICATION	120			
4.	CONSUMER BEHAVIOUR AND CRM – CONSUMER BUYING PROCESS – TYPE OF BUYING DECISIONS – COMPETENCE OF CRM – UNDERSTANDING CUSTOMER NEED – IMPROVING CUSTOMER RESPONSIVENESS	120			
5.	MAXIMIZING PRODUCT SALE – HELP CUSTOMER CHOOSE	120			

	PRODUCTS – PROVIDE INFORMATION & ADVICE – DEMONSTRATE PRODUCT – PROCESS PAYMENTS – PROMOTE LOYALTY SCHEMES				
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ECONOMICS & FINANCE

SPECIALIZATION:RETAIL: CC/E&F/R/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC ACCOUNTING MANAGEMENT IN RETAIL – CONCEPT OF STOCK KEEPING UNITS – RECEIVING GOOD END MATERIAL IN STORE – PROCESSING CUSTOMER ORDER. – PROCESS RETURNED GOODS AND MATERIAL – PROCESS PAYMENTS CREDIT/CASH – AUDIT STOCK LEVELS AND INVENTORIES	150	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	PEOPLE MANAGEMENT – UNDERSTANDING RETAIL TASKS AND DUTIES – DEVELOPING PRODUCTIVE RELATIONSHIPS – ALLOCATING WORK AND CHECK WORK OF TEAMS – MANAGING RETAIL TEAMS – RECRUITMENT, SELECTION AND KEEPING COLLEAGUES.	150	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	STORE DESIGN AND VISUAL MERCHANDISER – STORE DESIGN AND RETAIL STRATEGY – SPACE MANAGEMENT	150			

	<ul style="list-style-type: none"> - VISUAL MERCHANDISING AND DISPLAY - MERCHANDISE DISPLAY - PROPS FOR VISUAL MERCHANDISING 				
4.	STORE IMAGE MANAGEMENT <ul style="list-style-type: none"> - BRAND IMAGE - PROMOTIONAL STRATEGY - IN STORE PROMOTION - RETAIL LOCATION 	150			
5.	MERCHANDISE PLANNING & PROCUREMENT <ul style="list-style-type: none"> - FORECASTING SALE - ASSORTMENT PLANNING - TYPES OF MERCHANDISE - BUYING ORGANIZATION - KEEPING STOCK AT REQUIRED LEVEL IN RETAIL STORE. 	100			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: ECONOMICS & FINANCE

SPECIALIZATION:RETAIL: CC/E&F/R/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RETAIL LOGISTICS AND TECHNOLOGY MANAGEMENT – CONCEPT OF SUPPLY CHAIN MANAGEMENT – DISTRIBUTION CENTRES – COLLABORATION BETWEEN RETAILER AND VENDOR – EDI, RFID – BAR CODING AND SCANNING	200	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	RETAIL SERVICE MANAGEMENT – DEVELOP A SERVICE MINDSET – INTENSIVE EXPERIENTIAL LEARNING – CUSTOMER SERVICE STRATEGIES – SERVICE QUALITY – GAP MODEL IN SERVICE – DELIVERY SERVICE EXCELLENCE – SERVICE INNOVATIONS	150	2.		
3.	RETAIL OPERATIONS – MONITORING AND EVALUATING SERVICES OF EXTERNAL SUPPLIERS – MONITORING AND MAINTAINING HEALTH AND SAFETY IN RETAIL ENVIRONMENT – MANAGING TRADING HOURS/SCHEDULING	150			

	<ul style="list-style-type: none"> - FINANCIAL OBJECTIVES AND GOALS - PROFIT MARGIN MANAGEMENT - CONTROLLING COST - SHRINKAGE MANAGEMENT - FINANCIAL RATIOS 				
4.	<p>TAX REQUIREMENT</p> <ul style="list-style-type: none"> - CONCEPT OF TAXES IN RETAILING - LEGAL ASPECTS OF FRANCHISING - LAWS RELATED TO RETAILING - LEGAL ASPECTS OF STAFFING IN RETAIL 	150			
5.	<p>MERCHANDISE MANAGEMENT</p> <ul style="list-style-type: none"> - MERCHANDISE MANAGEMENT PROCESS - CONCEPT OF CATEGORY - CONCEPT OF PRIVATE LABEL - ASSORTMENT PLANNING - MANAGING STAPLE, FASHION MERCHANDISE - BUYING ALTERNATIVES - BUYING PROCESS - ANALYZING MERCHANDISE PERFORMANCE - SETTING RETAIL PRICES 	150			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: CC/AGRI/FMPE/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING AND PLUMBING SHOP – I	50	1.	COMMUNICATION SKILLS	250
2.	APPLIED PHYSICS	50	2.	BASIC SCIENCES	250
3.	ENGINEERING DRAWING	50			
4.	AGRICULTURAL HAND TOOLS	50			
5.	SURVEYING AND LEVELING	100			
6.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP ELECTRIC SHOP	50			
7.	CROP PRODUCTION MANUFACTURING TECHNOLOGY – I FITTING SHOP	50			
8.	BASICS OF ELECTRICAL ENGINEERING - I, DRAUGHT ANIMAL POWER IN AGRICULTURE	100			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: CC/AGRI/FMPE/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	AGRICULTURAL BOTANY – II	50	1.	COMMUNICATION SKILLS	100
2.	GENERAL WORKSHOP PRACTICE – III	100	2.	BASIC SCIENCES	100
3.	CROP PRODUCTION – II	100			
4.	MANUFACTURING TECHNOLOGY	75			
5.	BASICS OF ELECTRICAL ENGINEERING – II	75			
6.	FARM POWER ENGINEERING	75			
7.	FARM MACHINERY AND IMPLEMENTS	75			
8.	COMMUNICATION SKILLS	75			
9.	ENGINEERING DRAWING – III	75			
10.	APPLIED MECHANICS CROP PRODUCTION – III	50			
11.	MACHINE DRAWING – II	50			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: CC/AGRI/FMPE/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR SYSTEM - I	150	1.	COMPUTING SKILLS	200
2.	FARM MACHINERY AND IMPLEMENTS – II	150	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	HYDRAULIC DRIVES -	150			
4.	PESTICIDES APPLICATION AND EQUIPMENT – I	150			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: CC/AGRI/FMPE/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FIELD OPERATION AND MAINTENANCE OF TRACTORS – I	150	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	FIELD OPERATION AND MAINTENANCE OF FARM MACHINERY – II	150	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	FARM MACHINERY AND IMPLEMENTS – III	150			
4.	LAND DEVELOPMENT AND GRADING –I	125			
5.	PESTICIDES APPLICATION AND EQUIPMENT – II	125			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: CC/AGRI/FMPE/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FIELD OPERATION AND MAINTENANCE OF TRACTORS – II	200	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	FIELD OPERATION AND MAINTENANCE OF FARM MACHINERY – II	175			
3.	LAND DEVELOPMENT AND GRADING – II	175			
4.	SEMINAR	125			
5.	PROJECT	125			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: CC/AGRI/GHT/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING AND PLUMBING SHOP – I	50	1.	COMMUNICATION SKILLS	250
2.	APPLIED PHYSICS	50	2.	BASIC SCIENCES	250
3.	ENGINEERING DRAWING – I	50			
4.	PROCESSING AND FOOD ENGINEERING I	50			
5.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP ELECTRIC SHOP	100			
6.	MANUFACTURING TECHNOLOGY – I FITTING SHOP BASICS OF ELECTRICAL ENGINEERING - I	100			
7.	GREENHOUSE DESIGN & CONSTRUCTION TECHNO	100			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: CC/AGRI/GHT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GENERAL WORKSHOP PRACTICE – III	100	1.	COMMUNICATION SKILLS	100
2.	MANUFACTURING TECHNOLOGY – II	100	2.	BASIC SCIENCES	200
3.	BASICS OF ELECTRICAL ENGINEERING – II	100			
4.	GREENHOUSE ENVIRONMENT CONTROL & INSTRUMENTATION	150			
	COMMUNICATION SKILLS	50			
	ENGINEERING DRAWING – III	50			
	APPLIED MECHANICS	50			
	MACHINE DRAWING – II	50			
	GREENHOUSE IRRIGATION & PLANT NUTRITION MANAGEMENT	150			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: CC/AGRI/GHT/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GREENHOUSE PLANT PROTECTION MANAGEMENT I	300	1.	COMPUTING SKILLS	200
2.	GREENHOUSE AGRO TECHNIQUES & CROP CULTIVATION	300	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: CC/AGRI/GHT/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GREEN HOUSE DESIGN EXERCISE	700	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
			2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: CC/AGRI/GHT/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	POST HARVEST TECHNOLOGY OF GREENHOUSE PRODUCTS	550	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	SEMINAR	125			
3.	PROJECT	125			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: RENEWABLE ENERGY: CC/AGRI/RE/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING AND PLUMBING SHOP – I	50	1.	COMMUNICATION SKILLS	250
2.	APPLIED PHYSICS – I	75	2.	BASIC SCIENCES	250
3.	ENGINEERING DRAWING – I	75			
4.	ENERGY AND ENVIRONMENT	75			
5.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP ELECTRIC SHOP	75			
6.	MANUFACTURING TECHNOLOGY – I FITTING SHOP BASICS OF ELECTRICAL ENGINEERING - I	75			
7.	NATURAL RESOURCES AND THEIR CONSERVATION	75			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: RENEWABLE ENERGY: CC/AGRI/RE/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GENERAL WORKSHOP PRACTICE – III	100	1.	COMMUNICATION SKILLS	100
2.	MANUFACTURING TECHNOLOGY – II	50	2.	BASIC SCIENCES	200
3.	BASICS OF ELECTRICAL ENGINEERING – II	50			
4.	FARM POWER ENGINEERING – I	50			
5.	ENERGY RESOURCES	150			
	COMMUNICATION SKILLS	50			
	ENGINEERING DRAWING – III	50			
	APPLIED MECHANICS	50			
	MACHINE DRAWING – II	50			
	RENEWABLE ENERGY DEVICES	150			
	COMMUNICATION SKILLS	50			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: RENEWABLE ENERGY: CC/AGRI/RE/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RENEWABLE ENERGY TECHNOLOGY-I	300	1.	COMPUTING SKILLS	200
2.	CASE STUDY RELATED TO TECHNO- ECONOMICS OF DIFFERENT RENEW ABLE ENERGY DEVICES	600	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: RENEWABLE ENERGY: CC/AGRI/RE/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GREEN TECHNOLOGIES	250	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	CARBON CREDIT	225	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	WASTE RECYCLING AND RESOURCE RECOVERY SYSTEM	225			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: RENEWABLE ENERGY: CC/AGRI/RE/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RENEWABLE ENERGY DEVICES	350	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	ENERGY AUDIT EXERCISE	200			
3.	SEMINAR	150			
4.	PROJECT	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FOOD PROCESSING: CC/AGRI/PFE/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING AND PLUMBING SHOP – I	50	1.	COMMUNICATION SKILLS	250
2.	FUNDAMENTALS OF FOOD ENGINEERING	50	2.	BASIC SCIENCES	250
3.	ENGINEERING DRAWING – I	50			
4.	PROCESSING AND FOOD ENGINEERING I	50			
5.	SURVEYING AND LEVELING	50			
6.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP, ELECTRIC SHOP	100			
7.	MANUFACTURING TECHNOLOGY – I FITTING SHOP	100			
8.	BASICS OF ELECTRICAL ENGINEERING - I	50			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FOOD PROCESSING: CC/AGRI/PFE/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GENERAL WORKSHOP PRACTICE – III	200	1.	COMMUNICATION SKILLS	100
2.	MANUFACTURING TECHNOLOGY – II	100	2.	BASIC SCIENCES	200
3.	BASICS OF ELECTRICAL ENGINEERING – II	100			
	COMMUNICATION SKILLS	100			
	ENGINEERING DRAWING – III	100			
	APPLIED MECHANICS	100			
	MACHINE DRAWING – II	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FOOD PROCESSING: CC/AGRI/PFE/LI/II

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED PROCESSING AND FOOD ENGINEERING-I	600	1.	COMPUTING SKILLS	200
			2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FOOD PROCESSING: CC/AGRI/PFE/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED PROCESSING AND FOOD ENGINEERING-II	700	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS	150
			2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: FOOD PROCESSING: CC/AGRI/PFE/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED PROCESSING AND FOOD ENGINEERING-III	550	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	SEMINAR	125			
3.	PROJECT	125			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: SOIL AND WATER CONSERVATION: CC/AGRI/SWC/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING & PLUMBING SHOP – I APPLIED PHYSICS	100	1.	COMMUNICATION SKILLS	250
2.	ENGINEERING DRAWING – I WATERSHED HYDROLOGY	100	2.	BASIC SCIENCES	250
3.	SOIL AND WATER CONSERVATION ENGINEERING	50			
4.	ENGINEERING DRAWING – II SURVEYING AND LEVELING	50			
5.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP ELECTRIC SHOP	40			
6.	MANUFACTURING TECHNOLOGY – I FITTING SHOP BASICS OF ELECTRICAL ENGINEERING - I	80			
7.	WELLS AND PUMPS IRRIGATION ENGINEERING	80			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: SOIL AND WATER CONSERVATION: CC/AGRI/SWC/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HR S.
1.	GENERAL WORKSHOP PRACTICE – III	100	1.	COMMUNICATION SKILLS	100
2.	MANUFACTURING TECHNOLOGY – II	50	2.	BASIC SCIENCES	200
3.	BASICS OF ELECTRICAL ENGINEERING – II	50			
4.	DRAINAGE ENGINEERING	100			
5.	WATERSHED HYDROLOGY	100			
6.	COMMUNICATION SKILLS	50			
7.	ENGINEERING DRAWING – III	50			
8.	APPLIED MECHANICS	50			
9.	MACHINE DRAWING – II	50			
10.	SOIL AND WATER CONSERVATION	100			
11.	WELLS AND PUMP	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: SOIL AND WATER CONSERVATION: CC/AGRI/SWC/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	IRRIGATION ENGINEERING	300	1.	COMPUTING SKILLS	200
2.	DRAINAGE ENGINEERING	300	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: SOIL AND WATER CONSERVATION: CC/AGRI/SWC/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WATERSHED HYDROLOGY	225	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	SOIL AND WATER CONSERVATION ENGINEERING	225	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	WELLS AND PUMPS	250			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: AGRICULTURE

SPECIALIZATION: SOIL AND WATER CONSERVATION: CC/AGRI/SWC/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	MICRO IRRIGATION SYSTEMS	100	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	WATERSHED PLANNING AND MANAGEMENT	100			
3.	MINOR IRRIGATION AND COMMAND AREA DEVELOPMENT	100			
4.	GULLEY AND RAVINE CONTROL STRUCTURES	150			
5.	REMOTE SENSING AND GIS APPLICATION	125			
6.	SEMINAR	125			
7.	PROJECT	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: CONSTRUCTION

SPECIALIZATION: CONSTRUCTION & BUILDING TECHNOLOGY: CC/CONST/CBT/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INFRASTRUCTURE MASONRY	100	1.	COMMUNICATION SKILLS	250
2.	BARBENDING	100	2.	BASIC SCIENCES	250
3.	PLUMBING & SANITATION	50			
4.	PAINTING	50			
5.	INFRASTRUCTURE	50			
6.	MASONRY	100			
7.	ROADS	25			
8.	WELDING	25			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: CONSTRUCTION

SPECIALIZATION: CONSTRUCTION & BUILDING TECHNOLOGY: CC/CONST/CBT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Construction</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INFRASTRUCTURE	50	1.	COMMUNICATION SKILLS	100
2.	MASON	100	2.	BASIC SCIENCES	100
3.	BARBENDING	50			
4.	PLUMBING AND SANITATION	75			
5.	FORM WORK	50			
6.	ELECTRICAL HOUSE WIRING	75			
7.	ROADS	50			
8.	GREEN BUILDING TECHNOLOGY	50			
9.	PAINTING	50			
10.	ASSISTANT WORKS SUPERVISOR	150			
11.	WELDING	50			
12.	RENEWABLE ENERGY	25			
13.	BASICS OF INTERIORS	25			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: CONSTRUCTION

SPECIALIZATION: CONSTRUCTION & BUILDING TECHNOLOGY: CC/CONST/CBT/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ENGINEERING DRAWING	150	1.	COMPUTING SKILLS	200
2.	METHODS OF SURVEYING	150	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	ANY ONE BUILDING CONSTRUCTION OR ROADS OR CULVERTS /MINOR BRIDGES BUILDING CONSTRUCTION	300			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: CONSTRUCTION

SPECIALIZATION: CONSTRUCTION & BUILDING TECHNOLOGY: CC/CONST/CBT/LIV

CERTIFICATE LEVEL-IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SURVEYING	200	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS	150
2.	BUILDING CONSTRUCTION OR ROADS OR CULVERTS /MINOR BRIDGES (ANY ONE)	300	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	CROSS DRAINAGE WORKS	150			
4.	AUTOCAD 1	150			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: CONSTRUCTION

SPECIALIZATION: CONSTRUCTION & BUILDING TECHNOLOGY:CC/CONST/CBT/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SURVEYING	100	1.	PRESENTATION, GROOMING AND FINISHING SKILLS	200
2.	AUTO CAD 2	100			
3.	ANY SUBJECT OR COMBINATION OF THE FOLLOWING SUBJECTS TOTALING 600 OR MORE HRS	75			
4.	ANY ONE BUILDING CONSTRUCTION OR ROADS OR CULVERTS /MINOR BRIDGES OTHER THAN ALREADY STUDIED IN LEVEL 5 OR LEVEL 6	75			
5.	MAJOR BRIDGES	75			
6.	STEEL STRUCTURES	75			
7.	PRE-STRESSED BRIDGES	75			
8.	WATER SUPPLY	75			
9.	SANITARY ENGINEERING	50			
10.	IRRIGATION STRUCTURES	50			
11.	REPAIRS AND REHABILITATION OF BUILDINGS REPAIRS AND REHABILITATION OF BRIDGES	50			

	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: FASHION TECHNOLOGY: CC/AA/FT/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	50	1.	COMMUNICATION SKILLS	250
2.	INDIAN TEXTILES AND COSTUMES	50	2.	BASIC SCIENCES	250
3.	AESTHETIC VALUE	50			
4.	ORNAMENTATION	50			
5.	PROJECT INTERNSHIP	50			
6.	COMMON PERSONAL VALUES	50			
7.	CREATIVE EXPRESSION ILLUSTRATION FUNDAMENTALS	50			
8.	HISTORY AND CULTURAL CONTEXT	50			
9.	ELEMENTS OF DESIGN	50			
10.	FASHION COMMUNICATION	50			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: FASHION TECHNOLOGY: CC/AA/FT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	75	1.	COMMUNICATION SKILLS	100
2.	CREATIVE EXPRESSION ILLUSTRATION FUNDAMENTALS	100	2.	BASIC SCIENCES	200
3.	HISTORY AND CULTURAL CONTEXT	75			
4.	PRINCIPLES OF DESIGN	75			
5.	ORNAMENTATION	75			
6.	ACCESSORY DESIGN:	75			
7.	CREATIVE WRITING FOR FASHION	75			
8.	FASHION MARKETING	100			
9.	STYLING & FABRIC STUDIES	75			
10.	LIFE SKILL EDUCATION	75			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: FASHION TECHNOLOGY: CC/AA/FT/LIII

CERTIFICATE LEVEL-III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	100	1.	COMPUTING SKILLS	200
2.	CREATIVE EXPRESSION -ILLUSTRATION -FUNDAMENTALS -PATTERN MAKING & -- GARMENT CONSTRUCTION	100		ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	HISTORY AND CULTURAL CONTEXT	75			
4.	AESTHETIC VALUE	75			
5.	STYLING AND JEWELRY	75			
6.	COMPUTER WINDOWS WORD POWERPOINT INTERNET	75			
7.	MARKET SURVEY	50			
8.	TEAM BUILDING & TEAM WORK	50			
9.	PROJECT				
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			700 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: FASHION TECHNOLOGY: CC/AA/FT/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	100	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	CREATIVE EXPRESSION -ILLUSTRATION -FUNDAMENTALS -PATTERN MAKING & -- GARMENT CONSTRUCTION - DRAPING	150	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	INDIAN TEXTILES AND COSTUMES	100			
4.	AESTHETIC VALUE	100			
5.	STYLING, ORNAMENTATION, BRANDING	100			
6.	COMPUTER- CORELDRAW PHOTOSHOP	75			
7.	LIFE SKILL EDUCATION	75			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: FASHION TECHNOLOGY: CC/AA/FT/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE APPAREL MANUFACTURING	400	1.	PRESENTATION, GROOMING AND FINISHING SKILLS	200
2.	CREATIVE EXPRESSION -ILLUSTRATION -FUNDAMENTALS -PATTERN MAKING & -- GARMENT CONSTRUCTION -ADVANCED DRAPING TRIMMINGS	400			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			800 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: INTERIOR DESIGN: CC/AA/ID/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INTRODUCTION TO THE SUBJECT - UNDERSTANDING THE SUBJECT THROUGH THE HISTORY, AND THEORY OF DESIGN.	30	1.	COMMUNICATION SKILLS	250
2.	ARTS & CRAFTS – TO IMPROVE AESTHETIC SENSE.	30	2.	BASIC SCIENCES	250
3.	DRAWING & SKETCHING – FREE HAND DRAWING SKILLS TO IMPROVE MEMORIES AND POWER OF OBSERVATION.	30			
4.	GEOMETRIC DRAWING – BASIC 3-D THROUGH MANUAL DRAWING AND DRAFTING.	30			
5.	WORKSHOP LEVEL – EXPOSURE TO HAND SKILLS, OBJECT MAKING, MATERIALS ETC.	30			
6.	CONCEPT OF SPACE – INTRODUCTION.	30			
7.	CONCEPT OF SCALE – INTRODUCTION.	40			
8.	CAD – 2D/3D.	40			
9.	ANTHROPOMETRY - SENSE OF HUMAN SCALE.	40			

10.	ART AND GRAPHICS - COLORS AND MATERIALS - 2D.	40			
11.	DRAWING AND SKETCHING - OBJECTS AND SPACES.	40			
12.	UNDERSTANDING OF MAPS - FIELD STUDY.	40			
13.	TECHNICAL DRAWINGS - FIELD STUDY.	40			
14.	MATERIALS - NATURAL & ARTIFICIAL (FIELD STUDY)	40			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: INTERIOR DESIGN: CC/AA/ID/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC DESIGN – INTRODUCTION. MANUAL DRAWINGS. (PLANS, ELEVATIONS, SECTIONS)	50	1.	COMMUNICATION SKILLS	100
2.	BASIC SERVICES – INTRODUCTION.	50	2.	BASIC SCIENCES	200
3.	ARTS AND GRAPHICS – ADVANCED, PRINT MAKING, 3-D DRAWINGS.	50			
4.	MATERIALS AND FINISHES – USES.	50			
5.	THEORY OF CREATIVITY AND THEORY OF DESIGN.	60			
6.	CONSTRUCTION PROCESS – INTRODUCTION.	60			
7.	BASIC DESIGN – INTERIOR DESIGN.	60			
8.	FURNITURE DESIGN – INTRODUCTION, HISTORY.	60			
9.	SYSTEMS AND SERVICES – INTRODUCTION.	60			
10.	ARTS & GRAPHICS – 3-D, SCULPTURE.	60			

11.	MATERIALS AND FINISHES – ADVANCED.	60			
12.	CONSTRUCTION PROCESS – VARIOUS ACTIVITIES.	60			
13.	PROJECT MANAGEMENT – INTRODUCTION	60			
14.	SUSTAINABILITY, ENVIRONMENTAL AWARENESS.	60			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: INTERIOR DESIGN: CC/AA/ID/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DESIGN PROBLEM LIMITED SCALE (SINGLE FUNCTION)	100	1.	COMPUTING SKILLS	200
2.	PRESENTATION AND COMMUNICATION SKILLS USING LATEST SOFTWARE.	100	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	FURNITURE DESIGN – TRADITIONAL, EUROPEAN AS WELL CONTEMPORARY.	100			
4.	TRADITIONAL ARTS & CRAFTS – WORLD.	100			
5.	SYSTEMS & SERVICES – ADVANCED.	50			
6.	CONSTRUCTION PROCESS AND PROJECT MANAGEMENT.	50			
7.	MATERIALS AND FINISHES ADVANCED.	50			
8.	SUSTAINABILITY, ENVIRONMENTAL AWARENESS AND CLIMATIC FACTORS AND THEIR VARIATIONS.	50			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: INTERIOR DESIGN: CC/AA/ID/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DESIGN PROBLEM MULTIACTIVITY	125	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	SPECIFICATIONS, ESTIMATING, COSTING & BUDGETING.	125	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	PROJECT MANAGEMENT APPLICATIONS (TIME MANAGEMENT/MATERIAL MANAGEMENT, LABOUR MANAGEMENT, CASH FLOW)	125			
4.	ADVANCED MATERIALS AND CONVERSION APPLICATIONS.	125			
5.	BUILDING AND INTERIOR COMPONENTS.	100			
6.	APPLIED ART PROGRAMME, CREATION OF END PRODUCT/FURNITURE/BUILDING COMPONENT VISUAL MERCHANDISING.	100			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: INTERIOR DESIGN: CC/AA/ID/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED DESIGN PROGRAMME.	150	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	INDIVIDUAL DESIGN PROGRAMME	150			
3.	LEGAL/PROFESSIONAL PRACTICE CONTRACT DOCUMENT AGREEMENTS.	200			
4.	LIGHTING/ACOUSTICS/FURNITURE	150			
5.	GREEN BUILDING TECHNOLOGIES/ACCESSORIES.	150			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS
SPECIALIZATION: JEWELRY DESIGN:CC/AA/JD/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	JEWELRY TERMINOLOGY- NATIONAL AND INTERNATIONAL	20	1.	COMMUNICATION SKILLS	250
2.	FORM DRAWING USING DIFFERENT MEDIUM	40	2.	BASIC SCIENCES	250
3.	STUDY OF ART I	20			
4.	INTRODUCTION TO ORTHOGRAPHIC AND ISOMETRIC VIEWS	10			
5.	BASIC COMPUTER- WORD, EXCEL, POWERPOINT PRESENTATION, INTERNET	30			
6.	INTRODUCTION TO MANUFACTURING	50			
7.	COMMON PERSONAL VALUES	30			
8.	COLLECTION OF ARTIFICIAL JEWELLERY SAMPLES				
9.	BASIC RENDERING				
10.	INTRODUCTION TO PERSPECTIVE				
11.	ADVANCE COMPUTER- PHOTOSHOP				
12.	BASIC MANUFACTURING				
13.	COMMUNICATION				
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: JEWELRY DESIGN: CC/AA/JD/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TECHNIQUES JEWELLERY OF MAKING I	50	1.	COMMUNICATION SKILLS	100
2.	PRINCIPLES OF DESIGN	50	2.	BASIC SCIENCES	200
3.	STUDY OF JEWELLERY HISTORY- WORLD	50			
4.	INTRODUCTION TO DESIGN COMPUTER-CORAL DRAW	50			
5.	ADVANCE MANUFACTURING	100			
6.	CREATIVE WRITING FOR JEWELLERY	50			
7.	KNOWING OF MATERIALS USED IN JEWELLERY	50			
8.	DESIGNING USING PRINCIPLES OF DESIGN	75			
9.	STUDY OF JEWELLERY HISTORY- INDIA	50			
10.	DESIGNING WITH ORTHOGRAPHIC AND PERSPECTIVE II	75			
11.	DETAILS DESIGNING ON COMPUTER- CORAL DRAW	50			

12.	JEWELLERY MAKING	100			
13.	ETHICS IN INDUSTRY	50			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: JEWELRY DESIGN: CC/AA/JD/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	METALLURGY	100	1.	COMPUTING SKILLS	200
2.	INDIAN JEWELLERY DESIGN STUDY, DESIGN PIECES BASED ON IT DESIGNING JEWELLERY	100	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	TECHNIQUES OF JEWELLERY MAKING II	100			
4.	DESIGNING COLLECTION WITH ORTHOGRAPHIC AND PERSPECTIVE AND MANUFACTURING	100			
5.	MAKING OF MASTERPIECES USING CAD/CAM JEWEL CAD / RHINO	100			
6.	JEWELLERY MAKING FOR MASS PRODUCTION	100			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: JEWELRY DESIGN: CC/AA/JD/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DIAMOND GRADING	100	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	INTERNATIONAL JEWELLERY DESIGN STUDY AND DESIGN PIECES BASED ON IT DESIGNING JEWELLERY	100	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	COLLECTION BASED ON INDIAN HISTORY	100			
4.	PRACTICAL STUDY OF DIAMOND GRADING	100			
5.	MAKING OF MASTERPIECE USING CAD/CAM-IDEAS I	100			
6.	PORTFOLIO MAKING USING HANDMADE MANUFACTURING	100			
7.	COMMUNICATION SKILLS	100			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: APPLIED ARTS

SPECIALIZATION: JEWELRY DESIGN:CC/AA/JD/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	100	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	PORTFOLIO MAKING DESIGNING JEWELLERY	150			
3.	COLLECTION BASED ON INTERNATIONAL HISTORY	100			
4.	PRACTICAL STUDY OF GEMOLOGY	100			
5.	PORTFOLIO MAKING USING CAD/CAM	125			
6.	DESIGN COMMUNICATION	125			
7.	JEWELRY STYLING AND JEWELRY PHOTOGRAPHY	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: TOURISM & SERVICE INDUSTRY

SPECIALIZATION: TOURISM & SERVICE INDUSTRY: CC/T&SI/TOUR/LI

CERTIFICATE LEVEL-I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SOFT SKILLS	100	1.	COMMUNICATION SKILLS	250
2.	INTRODUCTION TO TOURISM-(I)	100	2.	BASIC SCIENCES	250
3.	TOURISM BUSINESS	100			
4.	INDIAN SOCIETY AND CULTURE	100			
5.	FAM TOUR	50			
6.	INDIAN CULTURE	50			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: TOURISM & SERVICE INDUSTRY

SPECIALIZATION: TOURISM & SERVICE INDUSTRY:CC/T&SI/TOUR/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1	BUSINESS COMMUNICATION	75	1.	COMMUNICATION SKILLS	100
2	SOURCES OF TOURIST INFORMATION	75	2.	BASIC SCIENCES	200
3	TOURISM BUSINESS- IV (AIRLINE TICKETING)	75			
4	TOURISM RESOURCES AND PRODUCTS – II	75			
5	GUIDING SKILLS	50			
6	FAM TOUR/PRACTICAL	50			
7	FOREIGN LANGUAGE- FRENCH/ GERMAN/ SPANISH	50			
8	ACCOMMODATION SECTOR	50			
9	TRANSPORTATION MANAGEMENT	50			
10	BASIC ACCOUNTING	50			
11	TOURISM RESOURCES AND PRODUCTS - III	50			
12	GUIDING SKILLS	50			

13	PROJECT	50			
14	FAM TOUR	50			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: TOURISM & SERVICE INDUSTRY

SPECIALIZATION: TOURISM & SERVICE INDUSTRY: CC/T&SI/TOUR/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FOREIGN LANGUAGE– FRENCH/ GERMAN/ SPANISH	75	1.	COMPUTING SKILLS	200
2.	ACCOMMODATION SECTOR	75	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	TRANSPORTATION MANAGEMENT	75			
4.	BASIC ACCOUNTING	75			
5.	TOURISM RESOURCES AND PRODUCTS – III	75			
6.	GUIDING SKILLS	75			
7.	PROJECT	75			
8.	FAM TOUR	75			
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: TOURISM & SERVICE INDUSTRY

SPECIALIZATION: TOURISM & SERVICE INDUSTRY: CC/T&SI/TOUR/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	OREIGN LANGUAGE(II) – FRENCH/ GERMAN/ SPANISH	100	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	TOUR OPERATION- ITINERARY PREPARATION	100	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	GEOGRAPHY AND TOURISM	100			
4.	TOURISM RESOURCES AND PRODUCTS – IV	75			
5.	TOURISM MARKETING	75			
6.	TOURISM LINKAGES	100			
7.	GUIDING SKILLS	75			
8.	FAM TOUR	75			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: TOURISM & SERVICE INDUSTRY

SPECIALIZATION: TOURISM & SERVICE INDUSTRY: CC/T&SI/TOUR/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FOREIGN LANGUAGE(III) – FRENCH/ GERMAN/ SPANISH	100	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	TOUR OPERATION- TOUR COSTING	100			
3.	GEOGRAPHY AND TOURISM	100			
4.	ENTREPRENEURSHIP IN TOURISM	100			
5.	TOURISM RESOURCES AND PRODUCTS	100			
6.	TOURISM IMPACTS	100			
7.	GUIDING SKILLS	100			
8.	FAM TOUR	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: PRINTING & PUBLISHING

SPECIALIZATION: PRINTING & PACKAGING: CC/P&P/PPI/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	OVERVIEW – THEORETICAL [GRAPHIC DESIGN/ COLOUR MANAGEMENT PRE-PRESS/COMPUTER TO PLATE/PRINTING/FINISHING]	40	1.	COMMUNICATION SKILLS	250
2.	AT CLASSROOM [BASIC SCIENCE & TECHNOLOGY / PRINTING PROCESS]	60	2.	BASIC SCIENCES	250
3.	PRACTICAL TRAINING AT FACTORY	70			
4.	SAFETY MEASURES EVALUATION	50			
5.	REVISION	50			
6.	PRACTICAL AT WORKSHOP	120			
7.	THEORETICAL EVOLUTION	20			
8.	CORRUGATED BOX MANUFACTURING, BASIC POST PRESS FINISHING, MAINTENANCE, TESTING RAW MATERIALS, EVALUATION	90			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: PRINTING & PUBLISHING

SPECIALIZATION: PRINTING & PACKAGING: CC/P&P/PPI/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	50	1.	COMMUNICATION SKILLS	100
2.	PRACTICAL AT WORKSHOP	60	2.	BASIC SCIENCES	200
3.	PACKAGE PRODUCTION	70			
4.	PRESSROOM CONSUMABLES	40			
5.	NEWSPAPER PUBLICATION	30			
6.	CORRUGATED BOX MANUFACTURING	120			
7.	SECURITY PRINTING	50			
8.	MAINTENANCE	100			
9.	VALUE ADDED FINISHING	50			
10.	THEORETICAL KNOWLEDGE	60			
11.	EVALUATION	70			
12.	SPECIALIZED SECTOR PREFERENCE	50			
13.	NEWSPAPER PUBLICATION/EDITING	50			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1100 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: PRINTING & PUBLISHING

SPECIALIZATION: PRINTING & PACKAGING: CC/P&P/PPI/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	50	1.	COMPUTING SKILLS	200
2.	SPECIFIC AREA KNOWLEDGE PRACTICAL	150	2.	ANY FOREIGN LANGUAGE OR ANY OTHER INDIAN LANGUAGE OTHER THAN NATIVE	200
3.	PACKAGE PRODUCTION	50			
4.	RAW MATERIAL	50			
5.	PROCUREMENT KNOWLEDGE	40			
6.	RECORDING AND REPORTING	40			
7.	COSTING KNOWLEDGE	40			
8.	VALUE ADDED FINISHING	40			
9.	SUPERVISORY SKILL	40			
10.	MARKETING	40			
11.	THEORETICAL KNOWLEDGE (Q/A) EVALUATION	60			
	TOTAL VOC CONTENT	600			400
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: PRINTING & PUBLISHING

SPECIALIZATION: PRINTING & PACKAGING: CC/P&P/PPI/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	50	1.	BASIC ACCOUNTING AND BOOK KEEPING SKILLS.	150
2.	SPECIFIC AREA KNOWLEDGE PRACTICAL	150	2.	ENTREPRENEURIAL SKILLS, SETUP SMALL BUSINESS ETC.	150
3.	PACKAGE PRODUCTION/FINISH	50			
4.	MAINTENANCE	50			
5.	RAW MATERIAL TESTING PROCUREMENT KNOWLEDGE	50			
6.	RECORDING AND REPORTING	50			
7.	COSTING KNOWLEDGE	50			
8.	VALUE ADDED FINISHING	50			
9.	SUPERVISORY SKILL	50			
10.	MARKETING EXPERIENCE	50			
11.	THEORETICAL KNOWLEDGE (Q/A) EVALUATION	100			
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

COMMUNITY COLLEGE (CC)
SECTOR: PRINTING & PUBLISHING

SPECIALIZATION: PRINTING & PACKAGING: CC/P&P/PPI/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	50	1.	PRESENTATION, GROOMING AND FINISHING SKILLS.	200
2.	SPECIFIC AREA KNOWLEDGE	250			
3.	PACKAGE PRODUCTION/FINISH	70			
4.	MAINTENANCE	50			
5.	RAW MATERIAL TESTING	40			
6.	PROCUREMENT KNOWLEDGE	40			
7.	RECORDING AND REPORTING	50			
8.	COSTING KNOWLEDGE	40			
9.	VALUE ADDED FINISHING	40			
10.	SUPERVISORY SKILL	70			
11.	MARKETING EXPERIENCE THEORETICAL KNOWLEDGE (Q/A EVALUATION	100			
	TOTAL VOC CONTENT	800		TOTAL GENERAL CONTENT	200
	GRAND TOTAL			800 HRS.	