DEPARTMENT OF CIVIL ENGINEERING

Course Outcomes

Course Name	Elements of Civil Engineering	Semester	1
Course code	18CIV14/24	Batch	2018 - 2022

Course Outcomes

C101.1	Understand the Various Fields of Civil Engineering
C101.2	Compute the resultant of force system & resolution of forces.
C101.3	Locate the centroid & compute the moment of inertia of regular & built-up sections
C101.4	Comprend the action of forces, moments and other types of loads on rigid bodies and compute the reactive forces
C101.5	Analyse the Bodies In Motion

Course Name	Elements of Civil Engineering	Semester	2
Course code	18CIV14/24	Batch	2018 – 2022

Course Outcomes

C201.1	Understand the Various Fields of Civil Engineering
C201.2	Compute the resultant of force system & resolution of forces.
C201.3	Locate the centroid & compute the moment of inertia of regular & built-up sections
C201.4	Comprend the action of forces, moments and other types of loads on rigid bodies and compute the reactive forces
C201.5	Analyse the Bodies In Motion

Course Name	Transform Calculus, Fourier Series and Numerical Techniques	Semester	3
Course code	18MAT31	Batch	2018 – 2022

Course Outcomes

C301.1	Use Laplace transform and inverse Laplace transform in solving differential/ integral equation arising in network analysis, control systems and other fields of engineering
C301.2	Demonstrate Fourier series to study the behaviour of periodic functions and their applications in system communications, digital signal processing and field theory.
C301.3	Make use of Fourier transform and Z-transform to illustrate discrete/continuous function arising in wave and heat propagation, signals and systems
C301.4	Solve first and second order ordinary differential equations arising in engineering problems using single step and multistep numerical methods
C301.5	Determine the externals of functional using calculus of variations and solve problems arising in dynamics of rigid bodies and vibration analysis

Course Name	Strength of Materials	Semester	3
Course code	18CV32	Batch	2018 – 2022

Course Outcomes

C302.1	Understand the concept of stresses and strains of different materials and their interrelationships.
C302.2	Evaluate the development of internal forces and resistance mechanism for 1 dimensional and 2 dimensional structural element.
C302.3	Analyzethe internal resistance of various structural elements subjected to representative transverse loads.
C302.4	Evaluatethe bending, shear and torsional resistance across the sections, when subjected to various loads.
C302.5	Determine the slope and deflection of beams and also understand the behaviour of compression members.

Course Name	Fluid Mechanics	Semester	3
Course code	18CV33	Batch	2018 – 2022

Course Outcomes

C303.1	Possess a sound knowledge of fundamental properties of fluids and fluid Continuum.
C303.2	Compute and solve problems on hydrostatics, including practical applications.
C303.3	Apply principles of mathematics to represent kinematic concepts related to fluid flow.
C303.4	Apply fundamental laws of fluid mechanics and the Bernoulli's principle for practical applications.
C303.5	Compute the discharge through pipes and over notches and weirs.

Course Name	BUILDING MATERIALS AND CONSTRUCTION	Semester	3
Course code	18CV34	Batch	2018 - 2022

Course Outcomes

C304.1	Understand the selection of suitable building materials required for construction work.
C304.2	Understand the suitable types of foundation based on soil investigation and Masonry construction techniques.
C304.3	Supervise the construction of different building elements based on suitability.
C304.4	Evaluate the building formwork, openings and staircase requirements.
C304.5	Exhibit the knowledge of building finishes in construction.

Course Name	Basic Surveying	Semester	3
Course code	18CV35	Batch	2018 - 2022

Course Outcomes

C305.1	Posses a sound knowledge about basic concepts of surveying
C305.2	Measurement of horizontal dimensions to arrive at solutions to basic surveying problems.
C305.3	Understanding the basic concepts of compass surveying to arrive the solutions for traversing
C305.4	Understanding the basic concepts of ground profile using levelling
C305.5	Understanding the concepts of plane table surveying
C305.6	Estimate the area and volume of earth works and obtain topography of ground using contours

Course Name	Engineering Geology	Semester	3
Course code	18CV36	Batch	2018 - 2022

Course Outcomes

C306.1	Apply geological knowledge in different civil engineering practice.
C306.2	Students will acquire knowledge on durability and competence of foundation rocks, and confidence enough to use the best building material
C306.3	Civil Engineers are competent enough for the safety, stability, economy and life of the structures that they construct.
C306.4	Able to solve various issues related to ground water exploration, build up dams, bridges, tunnels which are often confronted with ground water problems.
C306.5	Intelligent enough to apply GIS, GPS and remote sensing as a latest tool in different civil engineering construction

Course Name	Computer Aided Building Planning & Drawing	Semester	3
Course code	18CVL37	Batch	2018 - 2022

Course Outcomes

C307.1	Appraise the basics of Autocad tools.
C307.2	Apply the knowledge of CAD in deteling of various structures and components.
C307.3	Appraise the basic drawings of building elements by using Autocad.
C307.4	Prepare, read and interpret the drawings in a professional set up.
C307.5	Plan and design a residential or public building as per the given requirements.

Course Name	BUILDING MATERIALS TESTING LABORATORY	Semester	3
Course code	18CVL38	Batch	2018 - 2022

Course Outcomes

C308.1	Understand the basic knowledge of mathematics and engineering in finding the strength in tension, compression, shear and torsion.
C308.2	Identify, formulate and solve engineering problems of structural elements subjected to flexure.
C308.3	Evaluate the impact of engineering solutions on the society and also will be aware of contemporary issues regarding failure of structures due to unsuitable materials.
C308.4	Understand the basic buillding materials testing in muti-disciplinary areas.
C308.5	Understanding of professional and ethical responsibility in the areas of material testing.

Course Name	Complex Analysis, Probability And Statistical Methods	Semester	4
Course code	18MAT41	Batch	2018 - 2022

Course Outcomes

C401.1	Use the concepts of analytic function and complex potentials to solve the problems arising in electromagnetic field theory.
C401.2	Utilize conformal transformation and complex integral arising in aerofoil theory, fluid flow visualization and image processing
C401.3	Apply discrete and continuous probability distributions in analyzing the probability models arising in engineering field.
C401.4	Make use of the correlation and regression analysis to fit a suitable mathematical model for the statistical data
C401.5	Construct joint probability distributions and demonstrate the validity of testing the hypothesis

Course Name	Analysis of Determinate Structures	Semester	4
Course code	18CV42	Batch	2018 - 2022

Course Outcomes

C402.1	Identification of different forms of structural systems and Indeterminacy.
C402.2	Analyse the beams and trusses subjected to moving loads by using ILD.
C402.3	Determine the Slopes and deflection of determinate beams by force methods.
C402.4	Understand the Concepts Energy Principles.
C402.5	Evaluate internal resistances in arches and cables.

Course Name	Applied Hydraulics	Semester	4
Course code	18CV43	Batch	2018 - 2022

Course Outcomes

C403.1	Apply dimensional analysis to develop mathematical modeling and compute the parametric values in prototype by analyzing the corresponding model parameters.
C403.2	Design the open channels of various cross sections including economical channel sections.
C403.3	Apply Energy concepts to flow in open channel sections, Calculate Energy dissipation
C403.4	Compute water surface profiles at different conditions
C403.5	Design turbines for the given data, and to know their operation characteristics under different operating conditions.

Course Name	Concrete Technology	Semester	4
Course code	18CV44	Batch	2018 - 2022

Course Outcomes

C404.1	Understand the concepts of concrete making materials which include cement, aggregates and admixtures.
C404.2	Comprehend the properties and behaviour of Fresh concrete.
C404.3	Understand the properties and durability requirements of Hardened concrete.
C404.4	Design different concrete mixes as per IS codes.
C404.5	Learn the applications and need for special concrete.

Course Name	Advanced Surveying	Semester	4
Course code	18CV45	Batch	2018 - 2022

Course Outcomes

C405.1	Apply the knowledge of geometric principles to arrive at surveying problems by the concepts of theodolite and tachometers
C405.2	Understand the concepts of geodetic surveying.
C405.3	Understand, Design and implement the different types of curves for deviating the alignments
C405.4	Analyze the captured spatial data to process and perform to get solutions for surveying problems
C405.5	Using modern instruments to obtain geo-spatial data and analyze, to get solutions for engineering problems with electronic instruments

Course Name	Water Supply & Treatment Engineering	Semester	4
Course code	18CV46	Batch	2018 - 2022

Course Outcomes

C406.1	Estimate average and peak water demand for a community
C406.2	Evaluate available sources of water, quantitatively and qualitatively and make appropriate choice for a community
C406.3	Evaluate water quality and environmental significance of various parameters and plan suitable treatment system
C406.4	Design a comprehensive water treatment and distribution system to purify and distribute water to the required quality standards

Course Name	Engineering Geology Laboratory	Semester	4
Course code	18CVL47	Batch	2018 - 2022

Course Outcomes

C407.1	The students able to identify the minerals, rocks and utilize them effectively in civil engineering practices.
C407.2	The students will interpret and understand the geological conditions of the area for implementation of civil engineering projects
C407.3	The students will interpret subsurface information such as thickness of soil, weathered zone, depth of hard rock and saturated zone by using geophysical methods
C407.4	The students will learn the techniques in the interpretation of LANDSAT Imageries to find out the lineaments and other structural features for the given area.
C407.5	The students will be able to identify the different structures in the field

Course Name	Fluid Mechanics and Hydraulic Machines Laboratory	Semester	4
Course code	18CVL48	Batch	2018 - 2022

Course Outcomes

C408.1	Properties of fluids and the use of various instruments for fluid flow measurement.
C408.2	working of hydraulic machines under conditions of working and their characteristics

Course Name	Construction Management & Entrepreneurship	Semester	5
Course code	18CV51	Batch	2018 - 2022

Course Outcomes

C501.1	Prepare a project plan based on requirements and prepare schedule of a project by understanding the activities and their sequence.
C501.2	Understand labour output, equipment efficiency to allocate resources required for an activity / project to achieve desired quality and safety
C501.3	Understand the practice of construction quality process, safety in construction & Ethics involved in engineering and profession
C501.4	Analyze the economics of alternatives and evaluate benefits and profits of a construction activity based on monetary value and time value.
C501.5	Establish as an ethical entrepreneur and establish an enterprise utilizing the provisions offered by the federal agencies

Course Name	Analysis of Indeterminate Structures	Semester	5
Course code	18CV52	Batch	2018 - 2022

Course Outcomes

C502.1	Determine the moment in indeterminate beams and frames having variable moment of inertia and subsidence using slope defection method.
C502.2	Determine the moment in indeterminate beams and frames of no sway and sway using moment distribution method.
C502.3	Construct the bending moment diagram for beams and frames by Kani's method.
C502.4	Construct the bending moment diagram for beams and frames using flexibility method
C502.5	Analyze the beams and indeterminate frames by system stiffness method.

Course Name	Design of RC Structural Elements	Semester	5
Course code	18CV53	Batch	2018 - 2022

Course Outcomes

C503.1	Understand the design philosophy and principles.
C503.2	Analyze the behaviour of RCC beams in flexure and shear Requirements.
C503.3	Design of Rcc beams in flexure and shear as per IS Codes.
C503.4	Design of RC structural elements like slabs and staircases.
C503.5	Design of columns for Pure axial, Uni axial, Biaxial loading cases and design footings.

Course Name	Basic Geotechnical Engineering	Semester	5
Course code	18CV54	Batch	2018 - 2022

Course Outcomes

C504.1	Will acquire an understanding of the procedures to determine index properties of any type of soil, classify the soil based in its index properties.
C504.2	Will be able to determine compaction characteristics of soil and apply that knowledge to assess field compaction procedures.
C504.3	Will be able to determine permeability property of soils and acquires conceptual knowledge about stresses due to seepage and effective stress; also acquire ability to estimate seepage losses across hydraulic structure.
C504.4	Will be able to estimate shear strength parameters of different types of soils using the data of different shear tests and comprehend Mohr- Coulomb failure theory.
C504.5	Ability to solve practical problems related to estimation of consolidation settlement of soil deposits also time required for the same.

Course Name	Municipal Wastewater Engineering	Semester	5
Course code	18CV55	Batch	2018 - 2022

Course Outcomes

C505.1	Select the appropriate sewer appurtenances and materials in sewer network
C505.2	Design the sewers network and understand the self purification process in flowing water
C505.3	Deisgn the varies physic- chemical treatment units
C505.4	Design the various biological treatment units
C505.5	Design various AOPs and low cost treatment units

Course Name	HIGHWAY ENGINEERING	Semester	5
Course code	18CV56	Batch	2018 - 2022

Course Outcomes

C506.1	Acquire the capability of proposing a new alignment or re-alignment of existing roads, conduct necessary field investigation for generation of required data
C506.2	Evaluate the engineering properties of the materials and suggest the suitability of the same for pavement construction.
C506.3	Design road geometrics, structural components of pavement and drainage
C506.4	Evaluate the highway economics by few select methods and also will have a basic knowledge of various highway financing concepts.
C506.5	Understand pavement and its components, pavement construction activities and its requirements.

Course Name	Surveying Practice	Semester	5
Course code	18CVL57	Batch	2018 - 2022

Course Outcomes

C507.1	Apply the basic principles of surveying to get the solutions of engineering problems for linear and angular measurements.
C507.2	Using the concepts of compass surveying to arrive the solutions for surveying problems by compass survey
C507.3	Using the concepts of level surveying to arrive the solutions for surveying problems by using dumpy level survey
C507.4	Using the concepts of trigonometric level surveying to arrive the solutions for surveying problems by using theodolite and tacheometer survey
C507.5	Using the concepts of surveying to arrive the solutions for surveying problems by using plane table survey
C507.6	Understanding the concepts of using modern surveying instruments

Course Name	Concrete and Highway Materials Laboratory	Semester	5
Course code	18CVL58	Batch	2018 - 2022

Course Outcomes

C508.1	Able to interpret the experimental results of concrete and highway materials based on laboratory tests
C508.2	Determine the quality and suitability of cement.
C508.3	Design appropriate concrete mix Using Professional codes
C508.4	Determine strength and quality of concrete
C508.5	Evaluate the strength of structural elements using NDT technique
C508.6	Test the soil for its suitability as sub grade soil for pavements.

Course Name	Environmental Studies	Semester	5
Course code	18CIV59	Batch	2018 - 2022

Course Outcomes

C508.1	Understand the principles of ecology and environmental issues that apply to air, land, and water issues on a global scale
C508.2	Develop critical thinking and/or observation skills, and apply them to the analysis of a problem or question related to the environment
C508.3	Demonstrate ecology knowledge of a complex relationship between biotic and a biotic components.
C508.4	Apply their ecological knowledge to illustrate and graph a problem and describe the realities that managers face when dealing with complex issues.

Course Name	Design of Steel Structural Elements	Semester	6
Course code	18CV61	Batch	2018 - 2022

Course Outcomes

C601.1	Understand the engineering properties and plastic behaviour of structural steel.
C601.2	Design of Bolted and Welded connections by using limit state method.
C601.3	Designof compression members, built-up columns and column splices by using limit state method.
C601.4	Design of tension members, simple slab base and gusseted base by using limit state method.
C601.5	Designof laterally supported and un-supported steel beams by using limit state method.

Course Name	Applied Geotechnical Engineering	Semester	6
Course code	18CV62	Batch	2018 - 2022

Course Outcomes

C602.1	Ability to plan and execute geotechnical site investigation program for different civil engineering project
C602.2	Understanding of stress distribution and resulting settlement beneath the loaded footings on sand and clayey soils
C602.3	Ability to estimate factor of safety against failure of slopes and to compute lateral pressure distribution behind earth retaining structures
C602.4	Ability to determine bearing capacity of soil and achieve proficiency in proportioning shallow isolated and combined footings for uniform bearing pressure
C602.5	Capable of estimating load carrying capacity of single and group of piles

Course Name	Hydrology and Irrigation Engineering	Semester	6
Course code	18CV63	Batch	2018 - 2022

Course Outcomes

C603.1	Understand the importance of hydrology and its components.
C603.2	Measure precipitation and analyze the data and analyze the losses in precipitation.
C603.3	Estimate runoff and develop unit hydrographs
C603.4	Find the benefits and ill-effects of irrigation.
C603.5	Find the quantity of irrigation water and frequency of irrigation for various crops.
C603.6	Find the canal capacity, design the canal and compute the reservoir capacity.

Course Name	RAILWAYS, HARBOUR, TUNNELING AND AIRPORTS	Semester	6
Course code	18CV645	Batch	2018 - 2022

Course Outcomes

C604.1	Understand the history and development, role of railways, railway planning and development based on essential criteria's.
C604.2	Learndifferenttypesofstructuralcomponents,engineeringpropertiesofthematerials,tocalculatethematerial quantities required for construction
C604.3	Understand various aspects of geometrical elements, points and crossings, significance of maintenance of tracks
C604.4	Design and plan airport layout, design facilities required for runway, taxiway and impart knowledge about visual aids
C604.5	Apply design features of tunnels, harbors, dock and necessary navigational aids; also expose them to various methods of tunneling and tunnel accessories

Course Name	REMOTE SENSING & GIS	Semester	6
Course code	18CV651	Batch	2018 - 2022

Course Outcomes

C605.1	Evaluate the ideal remote sensing features and energy interactions with various geographical features.
C605.2	Collect data and delineate various elements from the satellite imagery using their spectral signature.
C605.3	Analyze different features of ground information to create raster or vector data.
C605.4	Perform digital classification and create different thematic maps for solving specific problems.
C605.5	Make decision based on the GIS analysis on thematic maps.

Course Name	Software Application Laboratory	Semester	6
Course code	18CVL66	Batch	2018 - 2022

Course Outcomes

C606.1	Interpret the results of analysis of beams using software tool.
C606.2	Interpret the results of analysis of portal frames and multi-storey RCC building using software tool.
C606.3	Interpret the results of analysis of plane truss using software tool.
C606.4	Understand the basic features of project management and QGIS Software's.
C606.5	Design and develop Excel spread sheets for structural elements.

Course Name	Environmental Engineering Laboratory	Semester	6
Course code	18CVL67	Batch	2018 - 2022

Course Outcomes

C607.1	Acquire capability to conduct experiments and estimate the concentration of different parameters
C607.2	Compare the result with standards and discuss based on the purpose of analysis.
C607.3	Determine type of treatment, degree of treatment for water and waste water
C607.4	Identify the parameter to be analyzed for the student project work in environmental stream

Course Name	Extensive Survey project	Semester	6
Course code	18CVEP68	Batch	2018 - 2022

Course Outcomes

C608.1	Apply Surveying knowledge and tools effectively for the projects
C608.2	Understanding Task environment, Goals, responsibilities, Task focus, working in Teams towards common goals, Organizational performance expectations, technical and behavioural competencies
C608.3	Application of individual effectiveness skills in team and organizational context, goal setting, time management, communication and presentation skills.
C608.4	Professional etiquettes at workplace, meeting and general
C608.5	Establishing trust based relationships in teams & organizational environment
C608.6	Orientation towards conflicts in team and organizational environment, Understanding sources of conflicts, Conflict resolution styles and techniques

Course Name	Quality Surveying and Contract Management	Semester	7
Course code	18CV71	Batch	2018 - 2022

Course Outcomes

C701.1	Taking out quantities and work out the cost and preparation of abstract for the estimated cost for various civil engineering works.
C701.2	Prepare detailed and abstract estimates for various road works
C701.3	Prepare the specifications and analyze the rates for various items of work.
C701.4	Assess contract and tender documents for various construction works.
C701.5	Prepare valuation reports of buildings.

Course Name	Design of RCC and Steel Structures	Semester	7
Course code	18CV72	Batch	2018 - 2022

Course Outcomes

C702.1	Design a combined footing and develop structural drawings as per IS codes standards
C702.2	Design a retaining wall as per the requirements
C702.3	Design a RCC portal frame and develop structural drawings as per IS codes standards
C702.4	Design a steel roof stress as per the limit state method
C702.5	Design the gantry girder and plate girder and apply suitable checks

Course Name	Ground Water Hydraulics	Semester	7
Course code	18CV734	Batch	2018 - 2022

Course Outcomes

C703.1	Find the characteristics of aquifers.
C703.2	Estimate the quantity of ground water by various methods.
C703.3	Locate the zones of ground water resources through exploration.
C703.4	Select particular type of well and augment the ground water storage.

Course Name	URBAN TRANSPORT PLANNING	Semester	7
Course code	18CV743	Batch	2018 - 2022

Course Outcomes

C704.1	Design, conduct and administer surveys to provide the data required for transportation planning
C704.2	Supervise the process of data collection about travel behavior and analyze the data for use in transport planning.
C704.3	Develop and calibrate modal split, trip generation rates for specific types of land use developments.
C704.4	Adopt the steps that are necessary to complete a long-term transportation plan

Course Name	Environmental Protection and Management	Semester	7
Course code	18CV753	Batch	2018 - 2022

Course Outcomes

C705.1	To learn about corporate social responsibility, sustainable consumption and production and different national policies on environmental pollution prevention
C705.2	To learn about different environmental standards, indicators, advanced pollution prevention technologies
C705.3	Appreciate the elements of corporate Environmental Management systems complying to international environmental management system standards
C705.4	Lead pollution prevention assessment team and implement waste minimization options
C705.5	Develop, Implement, maintain and Audit Environmental Management systems for organizations

Course Name	Computer Aided Detailing of Structures	Semester	7
Course code	18CVL76	Batch	2018 - 2022

Course Outcomes

C706.1	Apply the knowledge of RCC and execute the drawing and detailing of beams, slabs and staircase using AutoCAD software.
C706.2	Apply the knowledge of RCC and execute the drawing and detailing of retaining wall using AutoCAD software.
C706.3	Apply the knowledge of RCC and execute the drawing and detailing of water tanks using AutoCAD software.
C706.4	Apply the knowledge of Steel structures and execute the drawings and connection detailing using AutoCAD software.
C706.5	apply the knowledge of Steel structures and execute the drawings and detailing of roof truss, girders using AutoCAD software.

Course Name	GEOTECHNICAL ENGINEERING LABORATORY	Semester	7
Course code	18CVL77	Batch	2018 - 2022

Course Outcomes

C707.1	Physical and index properties of the soil
C707.2	Classify based on index properties and field identification
C707.3	To determine OMC and MDD, plan and assess field compaction program
C707.4	Shearstrengthandconsolidationparameterstoassessstrengthanddeformationcharacteristics
C707.5	In-situ shear strength characteristics(SPT-Demonstration)

Course Name	PROJECT WORK PHASE - 1	Semester	7
Course code	18CVEP78	Batch	2018 - 2022

Course Outcomes

C708.1	Understand the project planning process
C708.2	Analyze project risks and uncertainties
C708.3	Communicate and present the project at different platform

Course Name	Design of Pre-stressed Concrete	Semester	8
Course code	18CV81	Batch	2018 - 2022

Course Outcomes

C801.1	Analyse the stress encountered in PSC elements during Transfer & at Working stage.
C801.2	Understand the effectiveness of the design of PSC after studying all losses.
C801.3	Application of Structural check for Moment resistance capacity of a PSC sections.
C801.4	Application of Structural check for Shear resistance capacity of a PSC sections.
C801.5	Design PSC beams for Different requirements.

Course Name	Pavement Design	Semester	8
Course code	18CV825	Batch	2018 - 2022

Course Outcomes

C802.1	Able to understand the pavement components and design fundamentals, Analyse stress, strain and defection by boussineq's ,Burmister's theory
C802.2	Systematically generate and compile required data for design of pavement (Highway and Airfield).Design of Flexible pavement conforming to IRC 58:2000
C802.3	Evaluate the performance of Flexible pavement, identify the failures and also develops maintenance statement based on site specific requirements.
C802.4	Analyse stress, strain and defection by Westergaard's theory and Design rigid pavement conforming to IRC 37-2001
C802.5	Evaluate the performance of Rigid pavement ,identify the failures and also develops maintenance statement based on site specific requirements.

Course Name	Project Work Phase - 2	Semester	8
Course code	18CVP83	Batch	2018 - 2022

Course Outcomes

C803.1	Formulate the project objective by detailed literature review
C803.2	Conduct the experimental/ analytical work to achieve the objectives
C803.3	Prepare the detailed report based on the experimental/ analytical work
C803.4	Communicate and present the project at different platform

Course Name	Technical Seminar	Semester	8
Course code	18CVS84	Batch	2018 - 2022

Course Outcomes

C804.1	Work in actual working environment and utilize the technical resource
C804.2	Find appropriate sources that can summarised ,give oral presentation related to the work and integrated into multimedia presentation
C804.3	Engage in independent learning
C804.4	Be aware of imprudence of access to data, knowledge and results of engineering studies.
C804.5	Demonstrate the ability to access and report

Course Name	Internship	Semester	8
Course code	18CVI85	Batch	2018 - 2022

Course Outcomes

C805.1	Assess interest and ability in their field of study
C805.2	Lean to appreciate work and its function in the economy
C805.3	Develop communication, interpersonal and other critical skills