

[[JAI SRI GURUDEV]]
SRI ADICHUNCHANAGIRI SHIKSHANA TRUST (R)

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY



Accredited by NBA, NAAC,
Affiliated to VTU, Belagavi
Recognised by AICTE, New Delhi, and Govt. of Karnataka
PB No. 91, Adichunchanagiri Extension, KM Road,
CHIKKAMAGALURU 577102, KARNATAKA, INDIA
Phone: Office: 220444, Principal: 220063, Residence: 220343,
Fax: 220063, STD code: 08262



DEPARTMENT OF CIVIL ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES

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DEPARTMENT OF CIVIL ENGINEERING

Program Educational Objectives

1. To ensure that graduates will have a mastery of fundamental knowledge, problem solving skills, engineering experimental abilities, and design capabilities necessary for entering civil engineering career and/or graduate school.
2. To incorporate verbal and written communication skills necessary for successful professional practice.
3. Demonstrate knowledge of management principles and engineering techniques for effective project management.
4. To prepare graduates to deal with ethical and professional issues, taking into account the broader societal implications of civil engineering.


Dr. M. RAME GOWDA
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DEPARTMENT OF CIVIL ENGINEERING

PROGRAM SPECIFIC OUTCOMES

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DEPARTMENT OF CIVIL ENGINEERING

Program Specific Outcomes

1. Graduates will apply technical knowledge, engineering skills, and competencies necessary for entering civil engineering career.
2. Graduates will demonstrate knowledge and techniques in engineering fields for effective management and professional development.
3. Graduates will apply technical and professional skills to be nationally competitive for employment/self employment thereby benefit the society.


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DEPARTMENT OF CIVIL ENGINEERING

Program Outcomes

PO 1 Engineering knowledge

Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems

PO 2 Problem analysis

Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences

PO 3 Design/development of solutions

Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations

PO 4 Conduct investigations of complex problems

Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions

PO 5 Modern tool usage

Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations

PO 6 The engineer and society

Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

PO 7 Environment and sustainability

Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development

PO 8 Ethics

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice

PO 9 Individual and teamwork

Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings

PO 10 Communication

Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions

PO 11 Project management and finance

Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work as a member and leader in a team, to manage projects and in multidisciplinary environments

PO 12 Life-long learning

Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change


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COURSE OUTCOMES

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DEPARTMENT OF CIVIL ENGINEERING

2021 SCHEME SEMESTER I/ II

Course Code	ELEMENTS OF CIVIL ENGINEERING AND MECHANICS
21CIV14/24.1	To make students learn the scope of various fields of civil engineering. To develop students' ability to analyze the problems involving forces
21CIV14/24.2	To develop students' ability to analyze the problems involving forces, moments with their applications.
21CIV14/24.3	To develop the student's ability to find out the centre of gravity and moment of inertia and their applications.
21CIV14/24.4	To make the students learn about kinematics and kinetics and their applications.


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DEPARTMENT OF CIVIL ENGINEERING

2018 SCHEME SEMESTER I/ II

Course Code	ELEMENTS OF CIVIL ENGINEERING AND MECHANICS
18CV14/24.1	Mention the applications of various fields of Civil Engineering
18CV14/24.2	Compute the Resultant of given force system subjected to various Load
18CV14/24.3	Compared the action of Force , moments and other loads on the systems of rigid bodies and compute the reactive force that develop as the result of the external loads
18CV14/24.4	Locate the centroid and computing the Moment of Inertia regular and build-up Section
18CV14/24.5	Express the relationship between the motion of bodies and analyze the bodies in the motion


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SEMESTER III

Course Code	Transform Calculus, Fourier Series and Numerical Techniques.(18MAT31)
18MAT31.1	Use Laplace transform and inverse Laplace transform in solving differential/ integral equation arising in network analysis, control systems and other fields of engineering
18MAT31.2	Demonstrate Fourier series to study the behaviour of periodic functions and their applications in system communications, digital signal processing and field theory.
18MAT31.3	Make use of Fourier transform and Z-transform to illustrate discrete/continuous function arising in wave and heat propagation, signals and systems.
18MAT31.4	Solve first and second order ordinary differential equations arising in engineering problems using single step and multistep numerical methods.
18MAT31.5	Determine the external of functional using calculus of variations and solve problems arising in dynamics of rigid bodies and vibrational analysis.

Course Code	Strength of Materials (18CV32)
18CV32.1	To evaluate the basic concepts of the stresses and strains for different materials and strength of structural elements.
18CV32.2	To evaluate the development of internal forces and resistance mechanism for one dimensional and two dimensional structural elements.
18CV32.3	To analyse different internal forces and stresses induced due to representative loads on structural elements.
18CV32.4	To evaluate slope and deflections of beams.
18CV32.5	To evaluate the behaviour of torsion members, columns and struts.

Course Code	Fluid Mechanics (18CV33)
18CV33.1	Possess a sound knowledge of fundamental properties of fluids and fluid Continuum
18CV33.2	Compute and solve problems on hydrostatics, including practical applications
18CV33.3	Apply principles of mathematics to represent kinematic concepts related to fluid flow
18CV33.4	Apply fundamental laws of fluid mechanics and the Bernoulli's principle for practical applications
18CV33.5	Compute the discharge through pipes and over notches and weirs

Course Code	Building Materials and Construction(18CV34)
18CV34.1	Select suitable materials for buildings and adopt suitable construction techniques.
18CV34.2	Decide suitable type of foundation based on soil parameters.
18CV34.3	Supervise the construction of different building elements based on suitability.
18CV34.4	Exhibit the knowledge of building finishes and form work requirements.

Course Code	Basic Surveying (18CV35)
18CV35.1	Posses a sound knowledge of fundamental principles Geodetics .
18CV35.2	Measurement of vertical and horizontal plane, linear and angular dimensions to arrive at solutions to basic surveying problems.
18CV35.3	Capture geodetic data to process and perform analysis for survey problems]
18CV35.4	Analyse the obtained spatial data and compute areas and volumes. Represent 3D data on plane figures as contours

Course Code	Engineering geology (18CV36)
18CV36.1	Apply geological knowledge in different civil engineering.
18CV36.2	Students will acquire knowledge on durability and competence of foundation rocks, and confidence enough to use the best building materials.
18CV36.3	Civil Engineers are competent enough for the safety, stability, economy and life of the structures that they construct.
18CV36.4	Able to solve various issues related to ground water exploration, build up dams, bridges, tunnels which are often confronted with ground water problems.
18CV36.5	Intelligent enough to apply GIS, GPS and remote sensing as a latest tool in different civil engineering construction.

Course Code	Computer Aided Building Planning & Drawing (18CVL37)
18CVL37.1	Prepare, read and interpret the drawings in a professional set up.
18CVL37.2	Know the procedures of submission of drawings and Develop working and submission drawings for building.
18CVL37.3	Plan and design residential or public building as per the given requirements.

Course Code	Building Materials Testig Laboratory (18CVL38)
18CVL38.1	1. Reproduce the basic knowledge of mathematics and engineering in finding the strength in tension, compression, shear and torsion.
18CVL38.2	Identify, formulate and solve engineering problems of structural elements subjected to flexure.
18CVL38.3	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.

Course Code	Constitution of India , Professional Ethics and Cyber Law(18CP39)
18CP39.1	Have constitutional knowledge and legal literacy.
18CP39.2	Understand Engineering and Professional ethics and responsibilities of Engineers.
18CP39.3	Understand the the cybercrimes and cyber laws for cyber safety measures.


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SEMESTER IV

Crouse Code	Complex Analysis , Probability and Statistical Methods.(18MAT41)
18MAT41.1	Use the concepts of analytic function and complex potentials to solve the problems arising in electromagnetic field theory.
18MAT41.2	Utilize conformal transformation and complex integral arising in aerofoil theory, fluid flow visualization and image processing.
18MAT41.3	Apply discrete and continuous probability distributions in analyzing the probability models arising in engineering field.
18MAT41.4	Make use of the correlation and regression analysis to fit a suitable mathematical model for the statistical data.
18MAT41.5	Construct joint probability distributions and demonstrate the validity of testing the hypothesis.

Crouse Code	Analysis of Determinate Structures (18CV42)
18CV42.1	Identify different forms of structural systems.
18CV42.2	Construct ILD and analyse the beams and trusses subjected to moving loads.
18CV42.3	Understand the energy principles and energy theorems and its applications to determine the deflections of trusses and beams.
18CV42.4	Determine the stress resultants in arches and cables.

Crouse Code	Applied Hydraulics (18CV43)
18CV43.1	Apply dimensional analysis to develop mathematical modelling and compute the parametric values in prototype by analyzing the corresponding model parameters.
18CV43.2	Design the open channels of various cross sections including economical channel sections.
18CV43.3	Apply Energy concepts to flow in open channel sections, Calculate Energy dissipation.
18CV43.4	Compute water surface profiles at different conditions.
18CV43.5	Design turbines for the given data, and to know their operation characteristics under different operating conditions.

Crouse Code	Concrete Technology (18CV44)
18CV44.1	Relate material characteristics and their influence on microstructure of concrete.
18CV44.2	Distinguish concrete behaviour based on its fresh and hardened properties.
18CV44.3	Illustrate proportioning of different types of concrete mixes for required fresh and hardened properties using professional codes.
18CV44.4	Adopt suitable concreting methods to place the concrete based on requirement.

18CV44.5	Select a suitable type of concrete based on specific application
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Crouse Code	Advanced Surveying (18CV45)
18CV45.1	Apply the knowledge of geometric principles to arrive at surveying problems.
18CV45.2	Use modern instruments to obtain geo-spatial data and analyse the same to appropriate engineering problems.
18CV45.3	Capture geodetic data to process and perform analysis for survey problems with the use of electronic instruments;
18CV45.4	Design and implement the different types of curves for deviating type of alignments.

Crouse Code	Water Supply & Treatment Engineering (18CV46)
18CV46.1	Estimate average and peak water demand for a community.
18CV46.2	Evaluate available sources of water, quantitatively and qualitatively and make appropriate choice for a community.
18CV46.3	Evaluate water quality and environmental significance of various parameters and plan suitable treatment system.
18CV46.4	Design a comprehensive water treatment and distribution system to purify and distribute water to the required quality standards.

Crouse Code	Engineering Geology Laboratory (18CVL48)
18CVL48.1	The students able to identify the minerals, rocks and utilize them effectively in civil engineering practices
18CVL48.2	The students will interpret and understand the geological conditions of the area for implementation of civil engineering projects.
18CVL48.3	The students will interpret subsurface information such as thickness of soil, weathered zone, depth of hard rock and saturated zone by using geophysical methods.
18CVL48.4	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.
18CVL48.5	The students will be able to identify the different structures in the field.

Crouse	Fluid Mechanics and Hydraulic Machines Laboratory (18CVL48)
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Code	
18CVL48.1	Properties of fluids and the use of various instruments for fluid flow measurement.
18CVL48.2	Working of hydraulic machines under various conditions of working and their characteristics.

Course Code	Aadalitha Kannada (18KAK49)
18KAK49.1	At the end of the course, the student will be able to understand Kannada and communicate in Kannada language.


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SEMESTER V

Course Code	Course : Construction Management & Entrepreneurship(18CV51)
18CV51.1	Prepare a project plan based on requirements and prepare schedule of a project by understanding the activities and their sequence
18CV51.2	Understand labour output, equipment efficiency to allocate resources required for an activity / project to achieve desired quality and safety.
18CV51.3	Analyze the economics of alternatives and evaluate benefits and profits of a construction activity based on monetary value and time value.
18CV51.4	Establish as an ethical entrepreneur and establish an enterprise utilizing the provisions offered by the federal agencies.

Course Code	Course : Analysis of Indeterminate Structures(18CV52)
18CV52.1	Determine the moment in indeterminate beams and frames having variable moment of inertia and subsidence using slope deflection method
18CV52.2	Determine the moment in indeterminate beams and frames of no sway and sway using moment distribution method.
18CV52.3	Construct the bending moment diagram for beams and frames by Kani's method.
18CV52.4	Construct the bending moment diagram for beams and frames using flexibility method
18CV52.5	Analyze the beams and indeterminate frames by system stiffness method.

Course Code	Course : Design of RC Structural Elements(18CV53)
18CV53.1	Understand the design philosophy and principles.
18CV53.2	Solve engineering problems of RC elements subjected to flexure, shear and torsion.
18CV53.3	Demonstrate the procedural knowledge in designs of RC structural elements such as slabs, columns and footings.
18CV53.4	Owens professional and ethical responsibility.

Course Code	Course : Basic Geotechnical Engineering(18CV54)
18CV54.1	Ability to plan and execute geotechnical site investigation program for different civil engineering.
18CV54.2	Understanding of stress distribution and resulting settlement beneath the loaded footings on sand and clayey soils projects.
18CV54.3	Ability to estimate factor of safety against failure of slopes and to compute lateral pressure distribution behind earth retaining structures.
18CV54.4	Ability to determine bearing capacity of soil and achieve proficiency in proportioning shallow isolated and combined footings for uniform bearing pressure.
18CV54.5	Capable of estimating load carrying capacity of single and group of piles.

Course Code	Municipal Wastewater Engineering(18CV55)
18CV55.1	Design the sewers network and understand the self purification process in flowing water.
18CV55.2	Design the various physico-chemical treatment units
18CV55.3	Design the various biological treatment units
18CV55.4	Design various AOPs and low cost treatment units.

Course Code	Highway Engineering(18CV56)
18CV56.1	Acquire the capability of proposing a new alignment or re-alignment of existing roads, conduct necessary field investigation for generation of required data.
18CV56.2	Evaluate the engineering properties of the materials and suggest the suitability of the same for pavement construction.
18CV56.3	Design road geometrics, structural components of pavement and drainage.
18CV56.4	Evaluate the highway economics by few select methods and also will have a basic knowledge of various highway financing concepts.

Course Code	Surveying Practice(18CVL57)
18CVL57.1	Apply the basic principles of engineering surveying and for linear and angular measurements.
18CVL57.2	Comprehend defectively field procedures required for a professional surveyor.
18CVL57.3	Use techniques, skills and conventional surveying instruments necessary for engineering practices.

Course Code	Concrete and Highway Materials Laboratory(18CVL58)
18CVL58.1	Able to interpret the experimental results of concrete and highway materials based on laboratory tests.
18CVL58.2	Determine the quality and suitability of cement.
18CVL58.3	Design appropriate concrete mix Using Professional codes.
18CVL58.4	Determine strength and quality of concrete.
18CVL58.5	Evaluate the strength of structural elements using NDT techniques.

18CVL58.6	Test the soil for its suitability as sub grade soil for pavements.
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Course Code	Environmental Studies(18CIV59)
18CIV59.1	Understand the principles of ecology and environmental issues that apply to air, land, and water issues on a global scale.
18CIV59.2	Develop critical thinking and/or observation skills, and apply them to the analysis of a problem or question related to the environment.
18CIV59.3	Demonstrate ecology knowledge of a complex relationship between biotic and a biotic components.
18CIV59.4	Apply their ecological knowledge to illustrate and graph a problem and describe the realities that managers face when dealing with complex issues.


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SEMESTER VI

Course Code	Design of Steel Structural Elements(18CV61)
18CV61.1	Possess knowledge of Steel Structures Advantages and Disadvantages of Steel structures, steel code provisions and plastic behaviour of structural steel
18CV61.2	Understand the Concept of Bolted and Welded connections.
18CV61.3	Understand the Concept of Design of compression members, built-up columns and columns splices.
18CV61.4	Understand the Concept of Design of tension members, simple slab base and gusseted base.
18CV61.5	Understand the Concept of Design of laterally supported and un-supported steel beams.

Course Code	Applied Geotechnical Engineering(18CV62)
18CV62.1	Ability to plan and execute geotechnical site investigation program for different civil engineering projects
18CV62.2	Understanding of stress distribution and resulting settlement beneath the loaded footings on sand and clayey soils
18CV62.3	Ability to estimate factor of safety against failure of slopes and to compute lateral pressure distribution behind earth retaining structures
18CV62.4	Ability to determine bearing capacity of soil and achieve proficiency in proportioning shallow isolated and combined footings for uniform bearing pressure
18CV62.5	Capable of estimating load carrying capacity of single and group of piles

Course Code	Hydrology and Irrigation Engineering(18CV63)
18CV63.1	Understand the importance of hydrology and its components;
18CV63.2	Measure precipitation and analyze the data and analyze the losses in precipitation.
18CV63.3	Estimate runoff and develop unit hydrographs.
18CV63.4	Find the benefits and ill-effects of irrigation.
18CV63.5	Find the quantity of irrigation water and frequency of irrigation for various crops.
18CV63.6	Find the canal capacity, design the canal and compute the reservoir capacity.

Course Code	Railway, Harbours, Tunnelling & Airports(18CV645)
18CV645.1	Acquires capability of choosing alignment and also design geometric aspects of railway system, runway and taxiway
18CV645.2	Suggest and estimate the material quantity required for laying a railway track and also will be able to determine the hauling capacity of a locomotive.
18CV645.3	Develop layout plan of airport, harbor, dock and will be able relate the gained knowledge to identify required type of visual and/or navigational aids for the same.
18CV645.4	Apply the knowledge gained to conduct surveying, understand the tunneling activities.

Course Code	Non Conventional Energy Sources(18ME651)
18ME651.1	Describe the environmental aspects of non-conventional energy resources. In Comparison with various conventional energy systems, their prospects and limitations.
18ME651.2	Know the need of renewable energy resources, historical and latest developments.
18ME651.3	Describe the use of solar energy and the various components used in the energy production with respect to applications like-heating, cooling, desalination, power generation, drying, cooking etc.
18ME651.4	Appreciate the need of Wind Energy and the various components used in energy generation and know the classifications.
18ME651.5	Understand the concept of Biomass energy resources and their classification, types of biogas Plants- applications
18ME651.6	Compare Solar, Wind and bio energy systems, their prospects, Advantages and limitations.
18ME651.7	Acquire the knowledge of fuel cells, wave power, tidal power and geothermal principles and applications.

Course Code	Software Application Laboratory(18CVL66)
18CVL66	use software skills in a professional set up to automate the work and thereby reduce cycle time for completion of the work.

Course Code	Environmental Engineering Laboratory(18CVL67)
18CVL67.1	Acquire capability to conduct experiments and estimate the concentration of different parameters.
18CVL67.2	Compare the result with standards and discuss based on the purpose of analysis.
18CVL67.3	Determine type of treatment, degree of treatment for water and waste water.
18CVL67.4	Identify the parameter to be analyzed for the student project work in environmental stream.

Course Code	Extensive Survey project(18CVEP68)
18CVEP68.1	Apply Surveying knowledge and tools effectively for the projects.
18CVEP68.2	Understanding Task environment, Goals, responsibilities, Task focus, working in Teams towards common goals, Organizational performance expectations, technical and behavioral competencies.
18CVEP68.3	Application of individual effectiveness skills in team and organizational context, goal setting, time management, communication and presentation skills.
18CVEP68.4	Professional etiquettes at workplace, meeting and general.
18CVEP68.5	Establishing trust based relationships in teams & organizational environment.
18CVEP68.6	Orientation towards conflicts in team and organizational environment, Understanding sources of conflicts, Conflict resolution styles and techniques.


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SEMESTER VII

Course Code	Quality Surveying and Contract Management(18CV71)
18CV71.1	Taking out quantities and work out the cost and preparation of abstract for the estimated cost for various civil engineering works.
18CV71.2	Prepare detailed and abstract estimates for various road works, structural works and water supply and sanitary works.
18CV71.3	Prepare the specifications and analyze the rates for various items of work.
18CV71.4	Assess contract and tender documents for various construction works.
18CV71.5	Prepare valuation reports of buildings.

Course Code	Design of RCC and Steel Structures(18CV72)
18CV72.1	Students will acquire the basic knowledge in design of RCC and Steel Structures.
18CV72.2	Students will have the ability to follow design procedures as per codal provisions and skills to arrive at structurally safe RC and Steel members.

Course Code	Pavement Materials & Construction(18CV733)
18CV733.1	Students will be able to evaluate and assess the suitability of any pavement material to be used in various components of pavement by conducting required tests as per IS, IRC specifications.
18CV733.2	Students will be able to formulate the proportions of different sizes of aggregates to suit gradation criteria for various mixes as per MORTH and also design bituminous mixes.
18CV733.3	Students will be competent to adapt suitable modern technique and equipment for speedy and economic construction.
18CV733.4	Student will be able to execute the construction of embankment, flexible, rigid pavement and perform required quality control tests at different stages of pavement construction.

Course Code	Reinforced Earth Structures(18CV743)
18CV743.1	identify, formulate reinforced earth techniques that are suitable for different soils and in different structures;
18CV743.2	understand the laboratory testing concepts of Geo synthetics.
18CV743.3	design RE retaining structures and Soil Nailing concepts.
18CV743.4	Determine the load carrying capacity of Foundations resting on RE soil bed.
18CV743.5	Asses the use of Geo synthetics in drainage requirements and landfill designs.

Course Code	Computer Aided Detailing of Structures(18CVL76)
18CVL76.1	Prepare detailed working drawings

Course Code	Geotechnical Engineering Laboratory(18CVL77)
18CVL77.1	Physical and index properties of the soil.
18CVL77.2	Classify based on index properties and field identification.
18CVL77.3	To determine OMC and MDD, plan and assess field compaction program.
18CVL77.4	Shear strength and consolidation parameters to assess strength and deformation characteristics.
18CVL77.5	In-sit shear strength characteristics (SPT-Demonstration).


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SEMESTER VIII

Course Code	Design of Pre-stressed Concrete(18CV81)
18CV81.1	Understand the requirement of PSC members for present scenario.
18CV81.2	Analyse the stresses encountered in PSC element during transfer and at working.
18CV81.3	Understand the effectiveness of the design of PSC after studying losses.
18CV81.4	Capable of analyzing the PSC element and finding its efficiency.
18CV81.5	Design PSC beam for different requirements.

Course Code	Bridge Engineering(18CV821)
18CV821.1	Understand the load distribution and IRC standards.
18CV821.2	Design the slab and T beam bridges.
18CV821.3	Design Box culvert, pipe culvert.
18CV821.4	Use bearings, hinges and expansion joints and
18CV821.5	Design Piers and abutments.


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||JAI SRI GURUDEV||
SRI ADICHUNCHANAGIRI SHIKSHANA TRUST (R)

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY



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Affiliated to VTU, Belagavi
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DEPARTMENT OF CIVIL ENGINEERING

ATTAINMENT

Batch Type : Generic Academics
Academic Year : 2019-20

Faculty : Mr Abhinav

Department Name : Computer Science and Engineering (CS)
Semester : 1 - Section : F - CourseCode : 18CV14

Course Outcomes	IA (IA)		OA (Other Assessment)		UE		Direct Attainment		Feedback		Indirect Attainment		Total Attainment	
	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)
18CV14.1	2.87	95.54	3	100	0	0	1.74	57.99	3	100	3	100	1.99	66.29
18CV14.2	2.85	94.9	3	100	0	0	1.72	57.71	3	100	3	100	1.98	66.16
18CV14.3	2.85	95.24	3	100	0	0	1.74	57.86	3	100	3	100	1.99	66.29
18CV14.4	0	0	0	0	0	0	0	0	3	100	3	100	0.6	20
18CV14.5	0	0	0	0	0	0	0	0	3	100	3	100	0.6	20

Department Name : Civil Engineering (CV)
Semester : 5 - Section : A - CourseCode : 17CV53

Course Outcomes	Internal Assessment (IA)		Other Assessment (Other Assessment)		University Exam		Direct Attainment		Feedback		Indirect Attainment		Total Attainment	
	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)
17CV53.1	3	99.92	0	0	0	0	1.8	59.95	3	100	3	100	2.04	67.96
17CV53.2	2.89	96.42	0	0	0	0	1.74	57.85	3	100	3	100	1.99	66.28
17CV53.3	2.95	98.22	0	0	0	0	1.77	58.93	3	100	3	100	2.01	67.14
17CV53.4	2.99	99.63	0	0	0	0	1.79	59.78	3	100	3	100	2.03	67.82
17CV53.5	0	0	0	0	0	0	0	0	3	100	3	100	0.6	20

Semester : 1 - Section : F - CourseCode : 18CV14

Course Outcomes	Internal Assessment (IA)		Other Assessment (Other Assessment)		University Exam		Direct Attainment		Feedback		Indirect Attainment		Total Attainment	
	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)
18CV14.1	2	66.53	3	100	0	0	1.35	44.94	3	100	3	100	1.68	55.95
18CV14.2	2.05	68.26	3	100	0	0	1.37	45.72	3	100	3	100	1.7	56.57
18CV14.3	1.06	35.35	3	100	0	0	0.93	30.91	3	100	3	100	1.34	44.73
18CV14.4	0	0	0	0	0	0	0	0	3	100	3	100	0.6	20
18CV14.5	0	0	0	0	0	0	0	0	3	100	3	100	0.6	20


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Batch Type : Generic Academics
 Academic Year : 2020-21

Faculty : Mr Abhinav

Department Name : Computer Science and Engineering (CS)
 Semester : 1 - Section : D - CourseCode : 18CV14

Course Outcomes	IA (IA)		OA (Other Assessment)		UE		Direct Attainment		Feedback		Indirect Attainment		Total Attainment	
	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)
18CV14.1	2.79	57.86	3	100	0	0	1.7	56.79	0	0	0	0	1.36	45.43
18CV14.2	2.71	90.45	3	100	0	0	1.67	55.72	0	0	0	0	1.34	44.58
18CV14.3	2.83	94.3	3	100	0	0	1.72	57.44	0	0	0	0	1.38	45.95
18CV14.4	1	33.33	0	0	0	0	0.6	20	0	0	0	0	0.48	16
18CV14.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Department Name : Civil Engineering (CV)
 Semester : 5 - Section : B - CourseCode : 18CV54

Course Outcomes	Internal Assessment (IA)		Other Assessment (Other Assessment)		University Exam		Direct Attainment		Feedback		Indirect Attainment		Total Attainment	
	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)	Attainment(out of 3)	Attainment(out of 100)
18CV54.1	3	100	3	100	0.61	20.2	2.04	68.08	0	0	0	0	1.63	54.46
18CV54.2	3	100	3	100	0.61	20.2	2.04	68.08	0	0	0	0	1.63	54.46
18CV54.3	3	100	3	100	0.61	20.2	2.04	68.08	0	0	0	0	1.63	54.46
18CV54.4	3	100	0	0	0.61	20.2	2.04	68.08	0	0	0	0	1.63	54.46
18CV54.5	0	0	0	0	0.61	20.2	0.24	8.08	0	0	0	0	0.19	6.45
18CV54.6	0	0	0	0	0.61	20.2	0.24	8.08	0	0	0	0	0.19	6.45

Semester : 8 - Section : A - CourseCode : 17CV833

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