Sri Devaraj Urs Educational Trust (R)

R.L. JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by Govt. of karnataka,Affiliated to Visvesvaraya Technological University.
Belgavi & Recognised by AICTE, New Delhi)
DODDABALLAPUR - 561 203. BENGALURU RURAL DISTRICT, KARNATAKA.

CSE STREAM

Course Outcome Statement			
Course:	**Code: BMATS101** **Course Name: Mathematics for CSE Stream-I**	**Faculty: Meenakshi H.**	**Academic Year: 2022 – 23**
Course 111.1	Apply the knowledge of calculus to solve problems related to polar, Cartesian and parametric curves and learn the notion of partial differentiation to compute rate of change of multivariate functions		
Course 111.2	Understand the methods of series expansion and analyze the solution of linear and nonlinear ordinary differential equations		
Course 111.3	Get the knowledge to apply modular arithmetic to encoding and decoding computer algorithms		
Course 111.4	Apply the concept of matrix theory for solving the system of linear equations and compute eigenvalues and eigenvectors		
Course 111.5	Understand and solve mathematical problems using modern mathematical tools like Python.		

Course Outcome Statement			
Course:	**Code: BMATS201** **Course Name: Mathematics for CSE Stream-II**	**Faculty: Shashidhar S N**	**Academic Year: 2022 – 23**
Course 121.1	Apply the concept of change of order of integration and variables to evaluate multiple integrals and their usage in computing area and volume.		
Course 121.2	Interpret the applications of vector calculus refer to solenoidal, and irrotational vectors. Orthogonal curvilinear coordinates.		
Course 121.3	Demonstrate the idea of Linear dependence and independence of sets in the vector space, and linear transformation		
Course 121.4	Apply the knowledge of numerical methods in analyzing the discrete data and solving the physical and engineering problems		
Course 121.5	Get familiarize with modern mathematical tools namely PYTHON.		

Course Outcome Statement			
Course:	**Code:BPHYS102/202** **Course Name: Physics for CSE Stream**	**Faculty: Thirumalesh**	**Academic Year: 2022 – 23**
Course 112.1 / 122.1	Understand the principles of LASERS and Optical fibers and their relevant applications.		
Course 112.2 / 122.2	Understand the concepts of the Quantum Mechanics and its applications.		
Course 112.3 / 122.3	Develop the knowledge of the basic principles of Quantum Computing.		
Course 112.4 / 122.4	Understand the concepts of conductors, superconductors and applications of physics in animations.		
Course 112.5 / 122.5	Understand the theoretical concepts through experimentation and analyze the experimental results, interpretation of data through graphical or numerical methods		

Course Outcome Statement			
Course:	**Code: BCHES102/202** **Course Name: Chemistry for CSE Stream**	**Faculty: Sujatha V**	**Academic Year: 2022 – 23**
Course 113.1 / 123.1	Understand and Apply the principles of chemistry involved in engineering materials, energy sources, corrosion, polymers, and instrumental methods of analysis		
Course 113.2 / 123.2	Analyze the Engineering problems and draw meaningful inferences through applied chemistry		
Course 113.3 / 123.3	Implement sustainable solutions through concepts of Applied Chemistry in the field of Materials, Energy and Environment		
Course 113.4 / 123.4	Able to identify the sources and causes of e waste and effective management.		
Course 113.5 / 123.5	Apply the knowledge of chemistry to investigate engineering materials by volumetric and instrumental methods and analyze, interpret the data.		

Course Outcome Statement			
Course:	**Code: BPOPS103/203** **Course Name: Principles of Programming Using C**	**Faculty: Darshan A**	**Academic Year: 2022 – 23**
Course 113.1 / 123.1	Elucidate the basic architecture and functionalities of a computer and also recognize the hardware parts.		
Course 113.2 / 123.2	Apply programming constructs of C language to solve the real world problem.		
Course 113.3 / 123.3	Explore user-defined data structures like arrays in implementing solutions to problems like searching and sorting.		
Course 113.4 / 123.4	Explore user-defined data structures like structures, unions and pointers in implementing solutions.		
Course 113.5 / 123.5	Design and Develop Solutions to problems using modular programming constructs using functions.		

EEE STREAM

Course Outcome Statement			
Course:	**Code: BMATE101** **Course Name: Mathematics for EEE Stream-I**	**Faculty: Aruna R**	**Academic Year: 2022 – 23**

Sri Devaraj Urs Educational Trust (R)

R.L. JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by Govt. of karnataka,Affiliated to Visvesvaraya Technological University.
Belgavi & Recognised by AICTE, New Delhi)
DODDABALLAPUR - 561 203. BENGALURU RURAL DISTRICT, KARNATAKA.

Course 111.1	Apply the knowledge of calculus to solve problems related to polar, cartesian and parametric curves and learn the notion of partial differentiation to compute rate of change of multivariate functions .
Course 111.2	Understand the methods of series expansion and analyze the solution of linear and nonlinear ordinary differential equations .
Course 111.3	Apply the concept of change of order of integration and variables to evaluate multiple integrals and their usage in computing area and volume .
Course 111.4	Apply the concept of matrix theory for solving the system of linear equations and compute eigenvalues and eigenvectors .
Course 111.5	Understand and solve mathematical problems using modern mathematical tools like Python.

Course Outcome Statement			
Course:	**Code: BMATE201** **Course Name: Mathematics for EEE Stream-II**	**Faculty: Madhu N R**	**Academic Year: 2022 – 23**
Course 121.1	Interpret the applications of vector calculus refered to solenoidal, irrotational vectors, line integral and surface integral.		
Course 121.2	Demonstrate the idea of Linear dependence and independence of sets in the vector space, and linear transformation.		
Course 121.3	To Interpret the concept of Laplace transform and to solve initial value problems.		
Course 121.4	Apply the knowledge of numerical methods in solving physical and engineering phenomena.		
Course 121.5	Get familiarize with modern mathematical tools namely PYTHON.		

Course Outcome Statement			
Course:	**Code: BPHYE102/202** **Course Name: Physics for EEE Stream**	**Faculty:Ashoka A S**	**Academic Year: 2022 – 23**
Course 112.1 / 122.1	Develop the knowledge of the basic principles of the Quantum Mechanics and its extension to electrical conductivity of metals and semiconductors.		
Course 112.2 / 122.2	Understand the characteristics of dielectrics, semiconductors and superconductors, and their practical applications.		
Course 112.3 / 122.3	Understand the principles of LASERS and Optical fibers and their relevant applications.		
Course 112.4 / 122.4	Comprehend the concepts of vector calculus in arriving at Maxwell's relations and electromagnetic waves.		
Course 112.5 / 122.5	Understand the theoretical concepts through experimentation and analyze the experimental results, interpretation of data through graphical or numerical methods		

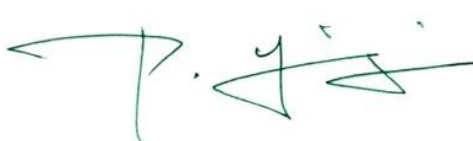| Course Outcome Statement			
Course:	**Code: BCHEE102/202** **Course Name: Chemistry for EEE Stream**	**Faculty: Kavya S R**	**Academic Year: 2022 – 23**
Course 112.1 / 122.1	Understand and Apply the principles of chemistry involved in engineering materials, energy sources, corrosion, polymers, and instrumental methods of analysis		
Course 112.2 / 122.2	Analyze the Engineering problems and draw meaningful inferences through applied chemistry		
Course 112.3 / 122.3	Implement sustainable solutions through concepts of Applied Chemistry in the field of Materials, Energy and Environment		
Course 112.4 / 122.4	Able to identify the sources and causes of e waste and effective management.		
Course 112.5 / 122.5	Apply the knowledge of chemistry to investigate engineering materials by volumetric and instrumental methods and analyze, interpret the data.		

MECHANICAL ENGINEERING STREAM

Course Outcome Statement			
Course:	**Code: BMATM101** **Course Name: Mathematics for Mechanical Engg Stream-I**	**Faculty: Aruna R**	**Academic Year: 2022 – 23**
Course 111.1	Apply the knowledge of calculus to solve problems related to polar, Cartesian and parametric curves and learn the notion of partial differentiation to compute rate of change of multivariate functions		
Course 111.2	Understand the methods of series expansion and analyze the solution of linear and nonlinear ordinary differential equations		
Course 111.3	Able to analyse the methods of solving higher order ordinary differential equation and their Engineering applications.		
Course 111.4	Apply the concept of matrix theory for solving the system of linear equations and compute eigenvalues and eigenvectors		
Course 111.5	Understand and solve mathematical problems using modern mathematical tools like Python.		

Course Outcome Statement			
Course:	**Code: BMATM201** **Course Name: Mathematics-II for Mechanical Engineering stream**	**Faculty: Reshma S R**	**Academic Year: 2022 – 23**

Sri Devaraj Urs Educational Trust (R)

R.L. JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by Govt. of karnataka,Affiliated to Visvesvaraya Technological University.
Belgavi & Recognised by AICTE, New Delhi)
DODDABALLAPUR - 561 203. BENGALURU RURAL DISTRICT, KARNATAKA.

Course 121.1	Apply the knowledge of multiple integrals to compute area and volume.
Course 121.2	Interpret the applications of vector calculus refer to solenoidal, irrotational vectors, line integral and surface integral.
Course 121.3	Demonstrate partial differential equations and their solutions for physical interpretations.
Course 121.4	Apply the knowledge of numerical methods in solving physical and engineering phenomena.
Course 121.5	Get familiarize with modern mathematical tools namely Python.

Course Outcome Statement			
Course:	**Code: BPHYM102/202** **Course Name: Applied Physics for ME Stream**	**Faculty: Ashoka A S**	**Academic Year: 2022 – 23**
Course 112.1 / 122.1	Elucidate the concepts in oscillations, waves, elasticity and material failures.		
Course 112.2 / 122.2	Understand the fundamentals of Thermoelectric materials and their application.		
Course 112.3 / 122.3	Comprehend the low temperature phenomena and generation of low temperature.		
Course 112.4 / 122.4	Get acquainted with the various material characterization techniques.		
Course 112.5 / 122.5	Understand the theoretical concepts through experimentation and analyze the experimental results, interpretation of data through graphical or numerical methods		

Course Outcome Statement			
Course:	**Code: BCHEM102/202** **Course Name: Applied Chemistry for Mechanical Engineering**	**Faculty: Sujatha V**	**Academic Year: 2022 – 23**
Course 112.1 / 122.1	Understand and Apply the principles of chemistry involved in engineering materials, energy sources, corrosion, polymers, and instrumental methods of analysis		
Course 112.2 / 122.2	Analyze the Engineering problems and draw meaningful inferences through applied chemistry		
Course 112.3 / 122.3	Implement sustainable solutions through concepts of Applied Chemistry in the field of Materials, Energy and Environment		
Course 112.4 / 122.4	Able to identify the sources and causes of e waste and effective management.		
Course 112.5 / 122.5	Apply the knowledge of chemistry to investigate engineering materials by volumetric and instrumental methods and analyze, interpret the data.		

Course Outcome Statement			
Course:	**Code: BEMEM103/203** **Course Name: ELEMENTS OF MECHANICAL ENGINEERING**	**Faculty: Lokesh Yadav B R**	**Academic Year: 2022 – 23**
Course 113.1 / 123.1	Explain the role of mechanical engineering in industry and society, fundamentals of steam and non-conventional energy sources		
Course 113.2 / 123.2	Describe different conventional and advanced machining processes, IC engines, propulsive devices, air-conditioning, refrigeration.		
Course 113.3 / 123.3	Explain different gear drives, gear trains, aspects of future mobility and fundamentals of robotics		
Course 113.4 / 123.4	Determine the condition of steam and its energy, performance parameters of IC engines, velocity ratio and power transmitted through power transmission systems.		

Common Courses

Course Outcome Statement			
Course:	**Code: BCEDK103/203** **Course Name: Computer Aided Engineering Drawing**	**Faculty: Dr. Sreenivasa Reddy M**	**Academic Year: 2022 – 23**
Course 113.1 / 123.1	Draw and communicate the objects with definite shape and size		
Course 113.2 / 123.2	Recognize and Draw the shape and size of objects in different views		
Course 113.3 / 123.3	Develop the lateral surfaces of various engineering object		
Course 113.4 / 123.4	Create the drawing views using CAD software.		
Course 113.5 / 123.5	Identify the interdisciplinary engineering components or systems by graphical representation.		

Course Outcome Statement			
Course:	**Code: BENGK106-206** **Course Name: Communicative English**	**Faculty: Dr. Lakshmi**	**Academic Year: 2022 – 23**
Course 116.1 / 126.1	Understand and apply the Fundamentals of skills in their communication skills.		
Course 116.2 / 126.2	Identify the nuances of phonetics, intonation and enhance pronunciation skills.		

HOD
Allied Science Department
R.L. Jalappa Institute of Technology
Kodigehalli, Doddaballapur
Bangalore Rural Dist.-561 203.

HOD

PRINCIPAL
R.L. JALAPPA INSTITUTE OF TECHNOLOGY
Kodigehalli, Doddaballapur-561203,Karnataka.

Sri Devaraj Urs Educational Trust (R)

R.L. JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by Govt. of karnataka,Affiliated to Visvesvaraya Technological University.
Belgavi & Recognised by AICTE, New Delhi)
DODDABALLAPUR - 561 203. BENGALURU RURAL DISTRICT, KARNATAKA.

Course 116.3 / 126.3	To impart basic English Grammar and essentials of language skills as per present requirement.
Course 116.4 / 126.4	Understand and use all types of Vocabulary and language proficiency.
Course 116.5 / 126.5	Adopt the Techniques of Information Transfer through presentation.

Course Outcome Statement	
Course: Code: BPWSK106-206 Course Name: Professional Writing Skill in English	Faculty: Dr. Lakshmi Academic Year: 2022 – 23
Course 116.1 / 126.1	To understand and identify the Common Errors in Writing and Speaking.
Course 116.2 / 126.2	To achieve better Technical writing and Presentation skills.
Course 116.3 / 126.3	To read Technical proposals properly and make them to write good technical reports.
Course 116.4 / 126.4	Acquire Employment and Workplace communication skills.
Course 116.5 / 126.5	To learn about Techniques of Information Transfer through presentation in different level..

Course Outcome Statement	
Course: Code: BKBKK107-207 Course Name: Balake Kannada	Faculty: Malini R Academic Year: 2022 – 23
Course 117.1 / 127.1	PÀ£ÀßqÀ ¨sÁµÉ, ¸Á»vÀå ªÀÄävÀÄÛ PÀ£ÀßqÀzÀ ¸ÀA¸ÀÌöwAiÀÄ PÀÄjvÀÀ CjªÀÅ ªÀÄÆrgÀÄvÀÛzÉ
Course 117.2 / 127.2	PÀ£ÀßqÀ ¸Á»vÀåzÀ ¥ÀÄæzsÁ£À ¨sÁUÀ¼ÁzÀ DzsÀÄ¤PÀ ¥ÀÆð°À ªÀÄävÀÄÛ D¢ü¤PÀ PÁ½ÀUÀ¼À£ÀÄß ¸ÁAPÉÃwPÀ¸ÀªÁV PÀ°vÀÀ ºÉa£À£ À N¤UÉ ªÀÄävÀÄÛ Cj«UÉ ¸ÀÆàwð ªÀÄÄÆ¢qÀÄvÀÛzÉ.
Course 117.3 / 127.3	«zÁåyðUÀ¼À°è ¸Á»vÀå ªÀÄävÀÄÛ ¸ÀA¸ÀÌöwAiÀÄ §UÉÎ CjªÀÅ ºÁUÀÆ D¸ÀQÛ ºÉZÀÄÃÑvÀÛzÉ
Course 117.4 / 127.4	vÁAwæPÀ ªÀ±ÀQÛÃUÀ½À ºÁUÀÆ CªÀgÀ ¸ÁzsÀ£ÉÉÉAiÀÄ ¥ÀjZÀAiÀÄÀÄÄÄÄÄ ºÁUÀÄvÀÛzÉ
Course 117.5 / 127.5	¸ÀA¸ÀÌöwAiPÀ, d£À¥ÀzÀ ºÁUÀÆ ¥ÀªæÁ¸À PÀxÀ£ÀUÀ½À ¥ÀjZÀ±ÀÀAiÀÄ ªÀÄÄÄÄÄÄÄ ÀªÀiÁrPÉÆÆÆÆqÀÀzÀÄ.

Course Outcome Statement	
Course: Code: BKBKK107-207 Course Name: Balake Kannada	Faculty: Malini R Academic Year: 2022 – 23
Course 117.1 / 127.1	To Interpret the necessity of learning of local language for comfortable life.
Course 117.2 / 127.2	To speak, read and write Kannada language as per requirement.
Course 117.3 / 127.3	To communicate (converse) in Kannada language in their daily life with kannada speakers.
Course 117.4 / 127.4	To Listen and Interpret the Kannada language properly.
Course 117.5 / 127.5	To speak in polite conservation.

Course Outcome Statement	
Course: Code: BICOK107-207 Course Name: Indian Constitution	Faculty: Sudha J Academic Year: 2022 – 23
Course 117.1 / 127.1	Analyse the basic structure of Indian Constitution.
Course 117.2 / 127.2	Remember their Fundamental Rights, DPSP's and Fundamental Duties (FD's) of our constitution.
Course 117.3 / 127.3	know about our Union Government, political structure & codes, procedures.
Course 117.4 / 127.4	Interpret our State Executive & Elections system of India.
Course 117.5 / 127.5	Remember the Amendments and Emergency Provisions, other important provisions given by the constitution.

Course Outcome Statement	
Course: Code:BIDTK158/258 Course Name: INNOVATION and DESIGN THINKING	Faculty: Suchendra K R Academic Year: 2022 – 23
Course 118.1 / 128.1	Appreciate various design process procedure
Course 118.2 / 128.2	Generate and develop design ideas through different technique
Course 118.3 / 128.3	Identify the significance of reverse Engineering to Understand products
Course 118.4 / 128.4	Draw technical drawing for design ideas

HOD
Allied Science Department
R.L. Jalappa Institute of Technology
Kodigehalli, Doddaballapur
Bangalore Rural Dist.-561 203.

HOD

PRINCIPAL
R.L. JALAPPA INSTITUTE OF TECHNOLOGY
Kodigehalli, Doddaballapur-561203,Karnataka.

Sri Devaraj Urs Educational Trust (R)

R.L. JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by Govt. of karnataka,Affiliated to Visvesvaraya Technological University.
Belgavi & Recognised by AICTE, New Delhi)
DODDABALLAPUR - 561 203. BENGALURU RURAL DISTRICT, KARNATAKA.

Course Outcome Statement	
Course:	**Code: BSFHK108-208** **Course Name: Scientific Foundations of Health** **Faculty: Hemalatha B R** **Academic Year: 2022 – 23**
Course 118.1 / 128.1	To Interpret and analyse about Health and wellness (and its Beliefs) & It's balance for positive mindset
Course 118.2 / 128.2	Develop the healthy lifestyles for good health for their better future.
Course 118.3 / 128.3	Build a Healthy and caring relationships to meet the requirements of good/social/positive life.
Course 118.4 / 128.4	To learn about Avoiding risks and harmful habits in their campus and outside the campus for their bright future.
Course 118.5 / 128.5	Prevent and fight against harmful diseases for good health through positive mindset.

Engineering Science Course-I/II

Course Outcome Statement	
Course:	**Code: BESCK104B-204B** **Faculty: Lokesh R** **Academic Year: 2022 – 23** **Course Name:** Introduction to Electrical Engineering
Course 114.1	Understand the concepts of various energy sources and Electric circuits.
Course 114.2	Apply the basic Electrical laws to solve circuits.
Course 114.3	Discuss the construction and operation of various Electrical Machines.
Course 114.4	Identify suitable Electrical machine for practical implementation.
Course 114.5	Explain the concepts of electric power transmission and distribution, electricity billing, circuit protective devices and personal safety measures.

Course Outcome Statement	
Course:	**Code: BESCK104C-204C** **Faculty: Shilpakala V** **Academic Year: 2022 – 23** **Course Name:** Introduction to Electronics & Communication
Course 114.1 / 124.1	Develop the basic knowledge on construction, operation and characteristics of semiconductor devices
Course 114.2 / 124.2	Apply the acquired knowledge to construct small scale circuits consisting of semiconductor devices
Course 114.3 / 124.3	Develop competence knowledge to constructbasic digital circuitby make use of basic gate and its function
Course 114.4 / 124.4	Construct the conceptual blocks for basic communication system.
Course 114.5 / 124.5	Apply the knowledge of various transducers principle in sensor system.

Course Outcome Statement	
Course:	**Code: BESCK104D-204D** **Faculty: Lakshminarayan** **Academic Year: 2022 – 23** **Course Name: Introduction to Mechanical Engineering**
Course 114.1 / 124.1	Explain the concepts of Role of Mechanical Engineering and Energy sources.
Course 114.2 / 124.2	Describe the Machine Tool Operations and advanced Manufacturing process.
Course 114.3 / 124.3	Explain the Working Principle of IC engines and EV vehicles.
Course 114.4 / 124.4	Discuss the Properties of Common Engineering Materials and various Metal Joining Processes.
Course 114.5 / 124.5	Design and Develop Solutions to problems using modular programming constructs using functions

Course Outcome Statement	
Course:	**Code: BESCK104E/204E** **Course Name: Introduction to C Programming** **Faculty: Narendra N** **Academic Year: 2022 – 23**
Course 114.1 / 124.1	Elucidate the basic architecture and functionalities of a computer and also recognize the hardware parts.
Course 114.2 / 124.2	Apply programming constructs of C language to solve the real world problem
Course 114.3 / 124.3	Explore user-defined data structures like arrays in implementing solutions to problems like searching and sorting
Course 114.4 / 124.4	Explore user-defined data structures like structures, unions and pointers in implementing solutions
Course 114.5 / 124.5	Design and Develop Solutions to problems using modular programming constructs using functions

Course Outcome Statement	
Course:	**Code: BETCK105E/205E** **Faculty: Raghavendra Prasad** **Course Name: RENEWABLE ENERGY SOURCES** **Academic Year: 2022 – 23**

HOD
Allied Science Department
R.L. Jalappa Institute of Technology
Kodigehalli, Doddaballapur
Bangalore Rural Dist.-561 203.
HOD

PRINCIPAL
R.L. JALAPPA INSTITUTE OF TECHNOLOGY
Kodigehalli, Doddaballapur-561203,Karnataka.

Sri Devaraj Urs Educational Trust (R)

R.L. JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by Govt. of karnataka,Affiliated to Visvesvaraya Technological University.
Belgavi & Recognised by AICTE, New Delhi)
DODDABALLAPUR - 561 203. BENGALURU RURAL DISTRICT, KARNATAKA.

Course 115.1 / 125.1	Describe the environmental aspects of renewable energy resources. In Comparison with various conventional energy systems, their prospects and limitations.
Course 115.2 / 125.2	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.
Course 115.3 / 125.3	Interpret the conversion principles of wind and tidal energy.
Course 115.4 / 125.4	Interpret the concept of biomass energy resources and green energy.
Course 115.5 / 125.5	Acquire the basic knowledge of ocean thermal energy conversion and hydrogen energy.

Course Outcome Statement			
Course:	**Code: BETCK105H/205H** **Course Name: Introduction to Internet of Things (IOT)**	**Faculty: Dr. Shivaprasad K M**	**Academic Year: 2022 – 23**
Course 115.1 / 125.1	Describe the evolution of IoT, IoT networking components, and addressing strategies in IoT		
Course 115.2 / 125.2	Classify various sensing devices and actuator types.		
Course 115.3 / 125.3	Demonstrate the processing in IoT.		
Course 115.4 / 125.4	Explain Associated IOT Technologies.		
Course 115.5 / 125.5	Illustrate architecture of IOT Applications.		

Course Outcome Statement			
Course:	**Code: BETCK105I/205I** **Course Name:** Introduction to Cyber Security	**Faculty: Sukhateertha**	**Academic Year: 2022 – 23**
Course 115.1 / 125.1	Explain the cybercrime terminologies		
Course 115.2 / 125.2	Describe Cyber offenses and Botnets		
Course 115.3 / 125.3	Illustrate Tools and Methods used on Cybercrime		
Course 115.4 / 125.4	Explain Phishing and Identity Theft		
Course 115.5 / 125.5	Justify the need of computer forensics		

Programming Language Courses-I/II

Course Outcome Statement			
Course:	**Code: BPLCK105B-205B** **Course Name: Introduction to Python Programming**	**Faculty: Deepak B L**	**Academic Year: 2022 – 23**
Course 115.1 / 125.1	Demonstrate proficiency in handling loops and creation of functions.		
Course 115.2 / 125.2	Identify the methods to create and manipulate lists, tuples and dictionaries.		
Course 115.3 / 125.3	Develop programs for string processing and file organization.		
Course 115.4 / 125.4	Interpret the concepts of Object-Oriented Programming as used in Python.		

HOD
Allied Science Department
R.L. Jalappa Institute of Technology
Kodigehalli, Doddaballapur
Bangalore Rural Dist.-561 203.

HOD

PRINCIPAL
R.L. JALAPPA INSTITUTE OF TECHNOLOGY
Kodigehalli, Doddaballapur-561203.Karnataka.