ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Surampalem, Andhra Pradesh.

Department Of Computer Science and Engineering

Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV BTECH CSE 1
Faculty Name:	Ch S V V S N Murty	**Regulation**	R16
Academic Year	2020-21	**Batch**	1

Project Title: Online Book Recommender System

COURSE OUTCOMES (COs):

Upon completion of the Project Course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Demonstrate technical knowledge of Recommender System	**Understand**
CO2	Identify the Problem 'Online Book Recommender System'	**Apply**
CO3	Undertake problem formulation for Online Book Recommender System	**Create**
CO4	Formulate a solution for Online Book Recommender System	**Create**
CO5	Build the solution for Online Book Recommender System	**Create**
CO6	Demonstrate the knowledge and skills of the Project	**Understand**

CO-PO/PSO MATRIX:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C426.1	2	2	1	2	1	1			3	2	1	2	1	2	2
C426.2	1	2	2	2	1	1			3	2	2	2	1	3	2
C426.3	1	1	3	2	1	1			3	2	2	2	2	2	2
C426.4	1	1	3	2	2	1			3	2	2	2	2	2	2
C426.5	2	1	3	2	3	1			3	2	3	2	2	1	2
C426.6	1	1	1	2	1				2	3	2	2	1	1	1
Course	**1.33**	**1.33**	**2.17**	**2.00**	**1.50**	**1.00**			**2.83**	**2.17**	**2.00**	**2.00**	**1.50**	**1.83**	**1.83**

PO1	Engineering Knowledge	PO7	Environment & Sustainability	
PO2	Problem Analysis	PO8	Ethics	
PO3	Design / Development of Solutions	PO9	Individual & Team Work	
PO4	Conduct Investigations of complex problems	PO10	Communication Skills	
PO5	Modern Tool usage	PO11	Project Management & Finance	
PO6	Engineer & Society	PO12	Life-long Learning	

Faculty Signature

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Surampalem, Andhra Pradesh.

Department Of Computer Science and Engineering

Course Outcome mapping with PO's and PSO's

Course Name:	PROJECT WORK	**Class**	IV BTECH CSE 1
Faculty Name:	Mr B MANIKYALA RAO	**Regulation**	R16
Academic Year	2020-21	**Batch**	04

Project Title: Tracking Industrial Assets using Blockchain

COURSE OUTCOMES(COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Understand the problem of the occlusion problem in automatic face recognition in non-controlled environments.	**Understand**
CO2	Explore and analyze the LBP based feature extraction and SRC based classification	**Analyze**
CO3	Analyze various properties of Gabor filter, LBP and histogram matching algorithm.	**Analyze**
CO4	Choose efficient tools for designing project modules.	**Apply**
CO5	Develop web based application for User Interface and Application Server.	**Create**
CO6	Deploy and compile the project after efficient testing.	**Create**

CO-PO/PSO MATRIX:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
C426.1	2	1	2	3	2				3	1	3		1	2	2
C426.2	2	2	1	2	2				2	2	3			2	2
C426.3	2	2	1	2	2				2	2	3			2	2
C426.4	3	2	3	3	2				2	1	3	1	3	2	
C426.5	3	2	2	3	3				2	2	3	2	3	1	
C426.6	2	2	2	1	2				2	2	2	2	2	1	
Course	2.3	1.8	1.83	2.33	2.16				2.16	1.6	2.83	1.6	2.25	1.66	2

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

Faculty Signature

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Surampalem, Andhra Pradesh.

Department Of Computer Science and Engineering

Course Outcome's

Course Name:	Project Work	**Class**	IV BTECH CSE - 1
Faculty Name:	J. DIVYA LALITA SRI	**Regulation**	R16
Academic Year	2020-21	**Batch**	3

Project Title: **Lung Cancer Classification Using Convolutional Neural Network**

COURSE OUTCOMES (COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Recognize the problem for classification of Lung cancer by applying acquired knowledge.	**Understand**
CO2	Choose pre- processing techniques for quality image data	**Apply**
CO3	Show edges and extract features from image data.	**Apply**
CO4	Decide classification label for the processed image data	**Evaluate**
CO5	Develop CNN model for Lung Cancer detection.	**Create**
CO6	Evaluate the model using performance metrics.	**Create**

CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
C423.1	3	2			1				1	1	1	1	2		1
C423.2	2	2	2		2				1	1	1	1	2		1
C423.3	2	2	2		2				1	1	1	1	2		1
C423.4	2	2	2		2				2	2	2	1	2		
C423.5	2	2	2	1	2	1	1		2	2	2	2	2		
C423.6	2	2			1				2	2	2	1	2		
Course	2.16	2	2	1	1.67	1	1		1.5	1.5	1.5	1.167	2		1

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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Surampalem, Andhra Pradesh.

Department Of Computer Science and Engineering

Course Outcome mapping with PO's and PSO's

Course Name:	PROJECT WORK	**Class**	IV BTECH CSE 1
Faculty Name:	Mr B MANIKYALA RAO	**Regulation**	R16
Academic Year	2020-21	**Batch**	04

Project Title: Tracking Industrial Assets using Blockchain

COURSE OUTCOMES(COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Understand the problem of the occlusion problem in automatic face recognition in non-controlled environments.	**Understand**
CO2	Explore and analyze the LBP based feature extraction and SRC based classification	**Analyze**
CO3	Analyze various properties of Gabor filter, LBP and histogram matching algorithm.	**Analyze**
CO4	Choose efficient tools for designing project modules.	**Apply**
CO5	Develop web based application for User Interface and Application Server.	**Create**
CO6	Deploy and compile the project after efficient testing.	**Create**

CO-PO/PSO MATRIX:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
C426.1	2	1	2	3	2				3	1	3		1	2	2
C426.2	2	2	1	2	2				2	2	3			2	2
C426.3	2	2	1	2	2				2	2	3			2	2
C426.4	3	2	3	3	2				2	1	3	1	3	2	
C426.5	3	2	2	3	3				2	2	3	2	3	1	
C426.6	2	2	2	1	2				2	2	2	2	2	1	
Course	2.3	1.8	1.83	2.33	2.16				2.16	1.6	2.83	1.6	2.25	1.66	2

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Surampalem, Andhra Pradesh.

Department Of Computer Science and Engineering

Course Outcome mapping with PO's and PSO's

Course Name:	PROJECT WORK	**Class**	IV BTECH CSE 1
Faculty Name:	Mr B MANIKYALA RAO	**Regulation**	R16
Academic Year	2020-21	**Batch**	02

Project Title: Tracking Industrial Assets using Blockchain

COURSE OUTCOMES(COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Understand the problem of the Placement Management process in colleges.	**Understand**
CO2	Explore and analyze the online placement management process	**Analyze**
CO3	Develop various modules like TPO, Coordinator, HOD etc.	**Create**
CO4	Choose efficient tools like HTML, CSS, MYSQL for designing project modules.	**Apply**
CO5	Develop Web based application for User Interface and Application Server.	**Create**
CO6	Deploy and compile the project after efficient testing.	**Create**

CO-PO/PSO MATRIX:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
C426.1	2	3	3	3	2				3	1	3		1	2	2
C426.2	2	2	1	2	2				2	2	3			2	2
C426.3	2	2	1	2	2				2	2	3			2	2
C426.4	3	2	3	3	2				2	1	3	1	3	2	
C426.5	3	2	2	3	3				2	2	3	2	3	1	
C426.6	2	2	2	1	2				2	2	2	2	2	1	
Course	2.3	2.16	2	2.33	2.16				2.16	1.6	2.83	1.6	2.25	1.66	2

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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Surampalem, Andhra Pradesh.

Department Of Computer Science and Engineering

Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV BTECH CSE-A
Faculty Name:	J L Sarwani Theeparthi	**Regulation**	R16
Academic Year	2020-21	**Batch**	5

Project Title: Crop Prediction on Environmental Factors using Machine Learning

COURSE OUTCOMES (COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Study about existing systems and proposed systems	**Understand**
CO2	Apply the knowledge for proposed system for Crop Prediction	**Apply**
CO3	Analyze data using ML algorithms	**Analyze**
CO4	Evaluate performance of the models	**Evaluate**
CO5	Perform comparative study of Logistic regression and decision tree algorithm	**Evaluate**
CO6	Discuss on results of the proposed system	**Create**

CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2
C426.1	3		2	3	2	3	2	2	2	3	2	3		
C426.2	3	2		3	2	3	2	2	2	3	2	3	2	
C426.3	3	3	2	3	2		2	2	2	3	2	3		3
C426.4	3	3	3	3	2		2	2	2	3	2	3		
C426.5	3	3		2	3	2	2	2	2	3	2	3	2	
C426.6	3	2		2	3	3	2	2	2	3	2	3		
Course	3	2.6		2.6	2.3	2.75	2	2	2	3	2	3	2	3

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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Surampalem, Andhra Pradesh.

Department Of Computer Science and Engineering

Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV BTECH CSE 1
Faculty Name:	**Mr.RASOOL MOHAMMAD**	**Regulation**	R16
Academic Year	2020-21	**Batch**	6

Project Title: Smart Basket with Auto Billing and Related Item Suggestion

COURSE OUTCOMES (COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Label how to develop a system for automatic billing	**Remember**
CO2	Classify Recommendation system for similar products	**Understand**
CO3	Choose content based filtering approach for selection	**Apply**
CO4	Classify best shopping exercise with increased productivity	**Analyze**
CO5	Deduct unwanted items before billing	**Evaluate**
CO6	Construct Payment link to customer by Cashier	**Create**

CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
C426.1	2	2	2	3	3	3		2	2	2	2	2	3	2	2
C426.2	2	2	2	1	3	3		2	2	2	2	1	3	2	1
C426.3	2	1	2	1	3	2		2	2	2	2	1	3	2	1
C426.4	2	3	3	1	3	2		2	2	2	2	1	3	2	1
C426.5	2	3	3	2	3	2		2	2	2	2	1	3	2	1
C426.6	2	3	3	1	3	2		2	3	2	2	1	3	2	1
Course	6	2.33	2.5	1.5	3	2.33		2	2.16	2	2	1.16	3	2	1.83

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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Department Of Computer Science and Engineering

Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV BTECH CSE 1
Faculty Name:	SHAIK VAHIDA	**Regulation**	R16
Academic Year	2020-21	**Batch**	7

Project Title: **EMOJI PREDICTION**

COURSE OUTCOMES (COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Discuss about what is emoji prediction	**Understand**
CO2	Choose and work with emoji packages	**Apply**
CO3	Use data set	**Apply**
CO4	Apply embedded layers	**Apply**
CO5	Analyze LSTM/RNN model	**Analyze**
CO6	Evaluate the output	**Evaluate**

CO-PO/PSO MATRIX:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C426.1	3	3	3	3	3				3	3	3		3	3	3
C426.2	3	3	3	3	3				3	3	3		3	3	3
C426.3	3	3	3	3	3				3	3	3		3	3	3
C426.4	3	3	3	3	3				3	3	3		3	3	3
C426.5	3	3	3	3	3				3	3	3		3	3	3
C426.6	3	3	3	3	3				3	3	3		3	3	3
Course	3	3	3	3	3				3	3	3		3	3	3

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV BTECH CSE 1
Faculty Name:	**Mr. BRAHMA REDDY MANDA**	**Regulation**	R16
Academic Year	2020-21	**Batch**	08

Project Title:

Stock market price hiking prediction AI algorithm

COURSE OUTCOMES (COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Identify the problems in manual parents monitoring systems	Analyze
CO2	Analyze and investigate the better solution	Analyze
CO3	Usage of Micro controllers and micro processors	Apply
CO4	Design a solution Patient Health Monitoring System	Create
CO5	Develop the software Remote Patient Health Monitoring System	Analyze
CO6	Test and Monitor the Patient Health remotely	Evaluate

CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO 3
C426.1	2	3		2		3			3	3	3	3	3	3	3
C426.2	3	2		3					3	3	3	3	3	3	3
C426.3					3				3	3	3	3	3	3	3
C426.4			3		3			3	3	3	3	3	3	3	3
C426.5			3		3			3	3	3	3	3	3	3	3
C426.6	2				3				3	3	3	3	1	1	1
Course	**2.3**	**2.5**	**2**	**2.5**	**3**	**3**		**3**	**3**	**3**	**3**	**3**	**2.6**	**2.6**	**2.6**

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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Surampalem, Andhra Pradesh.

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Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV BTECH CSE 2
Faculty Name:	Dr M.Anilkumar	**Regulation**	R16
Academic Year	2020-21	**Batch**	06

Project Title:
HUMAN SENTIMENT ANALYTICS USING DEEP LEARNING

COURSE OUTCOMES (COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Identify the complexity in multimodal data	Analyze
CO2	Analyze and investigate the better solution	Analyze
CO3	Usage of Deep learning approaches	Apply
CO4	Get the buried information from Tri-modal conclusions and provide a deeper insight on overall human emotional state.	Create
CO5	Create a fusion of multi-modal data analysis machine which can estimate the total sentiment values from the data.	Create
CO6	Build over a machine which would result in effective emotion and intent delivery which stands subsequent to the human mind	Create

CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO 3
C426.1	3	3		3				3	3	3	3	3	3	2	2
C426.2	3	3		3				3	3	3	3	3	3	3	3
C426.3	3				3			3	3	3	3	3	3	3	3
C426.4	3	3	3		3			3	3	3	3	3	3	3	3
C426.5	3	3	3		3			3	3	3	3	3	3	3	3
C426.6	3	3	3		3			3	3	3	3	3	1	1	1
Course	**3**	**3**	**3**	**3**	**3**			**3**	**3**	**3**	**3**	**3**	**2.6**	**2.5**	**2.5**

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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ADITYA COLLEGE OF ENGINEERING & Technology

Surampalem, Andhra Pradesh.

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Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV BTECH
Faculty Name:	**Mrs.R.LALITHA**	**Regulation**	R16
Academic Year	2020-21	**Batch**	VII

Project Title: A Comparative Study of Machine Learning Algorithms for Student Academic Performance

COURSE OUTCOMES(COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Understand the problem by applying acquired knowledge.	**Understanding**
CO2	Analyze and categorize executable project modules after considering tasks.	**Analyzing**
CO3	Understand the basic concepts and Categorize various techniques in Machine Learning.	**Understanding**
CO4	Choose efficient tools for designing project modules.	**Applying**
CO5	Implements the modules by applying suitable Machine Learning Algorithm	**Applying**
CO6	Elaborate the completed task and compile the project after efficient testing	**Creating**

CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO 2	PSO 3
C426.1	2	1	1	2	1				1	1	1	1	2		
C426.2	2	3	2	2	1				1	1	1	1	2		
C426.3	2	1	1	2	1				3	1	1	1	2		
C426.4	3	2	3	3	3				2	2	3	1	3		
C426.5	3	2	2	3	3				2	2	2	1	3		
C426.6	2	2	2	1	2				2	2	2	1	3		
Course	2.3	1.8	1.8	2.2	1.8				1.8	1.5	1.7	1.0	2.5		

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV BTECH –A
Faculty Name:	Ms N Madhuri	**Regulation**	R16
Academic Year	2020-21	**Batch**	10

Project Title: CUSTOMER CHURN PREDICTION USING MACHINE LEARNING TECHNIQUES

COURSE OUTCOMES(COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Understand the problem statement	**Understanding**
CO2	Develop a churn prediction model to predict the customer who are	**Analyzing**
CO3	Measure the performance of the model by adopting AUC	**Understanding**
CO4	Predict the model by extracting Social Network Analysis features.	**Applying**
CO5	Prepared and tested through Spark Environment	**Applying**
CO6	Apply XGBOOST algorithm to get Best result.	**Creating**

CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
C426.1	2	1	1	2					2	1	1	1	1		
C426.2	2	2	3	2					2	1	1	1	2		
C426.3	2	1	1	1					2	3	1	1	2		
C426.4	3	2	2	1					1	2	2	1	2		
C426.5	2	2	3	1					2	2	2	1	2		
C426.6	2	2	3	1					2	2	2	1	2		
Course	2.1	1.6	2.1	1.3					1.8	1.8	1.5	1.0	1.8		

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
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Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV BTECH CSE 1
Faculty Name:	**Mr.S S R K M GUPTASAMYAMANTHULA**	**Regulation**	R16
Academic Year	2020-21	**Batch**	11

Project Title: IOT based Smart Agriculture Monitoring System

COURSE OUTCOMES (COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Identifying the problem statement	**Understand**
CO2	Build using Adruino with embedded C	**Apply**
CO3	Create a database in cloud Server	**Create**
CO4	Develop solution using frameworks	**Apply**
CO5	Model and display stakeholders near by	**Create**
CO6	Develop Using Cloud Concepts	**Create**

CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
C426.1	1	2	3	3	3	3	2	2	3	3	2	1	3	2	1
C426.2	2	2	2	1	3	3		2	2	2	2	1	3	2	1
C426.3	2	1	2	1	3	2		2	3	2	2	1	3	2	1
C426.4	2	3	3	1	3	2		2	3	2	2	1	3	2	1
C426.5	2	3	3	2	3	2		2	3	3	2	1	3	2	1
C426.6	2	3	3	1	3	2		2	2	3	2	1	3	2	1
Course	1.8	2.3	2.7	1.5	3.0	2.3	2.0	2.0	2.7	2.5	2.0	1.0	3.0	2.0	1.0

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

Faculty Signature

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Surampalem, Andhra Pradesh.

Department Of Computer Science and Engineering

Course Outcome mapping with PO's and PSO's

Course Name:	PROJECT WORK	**Class**	IV BTECH CSE 1
Faculty Name:	**Dr.SANJIV RAO GODLA**	**Regulation**	R16
Academic Year	2020-21	**Batch**	12

Project Title: Tracking Industrial Assets using Blockchain

COURSE OUTCOMES(COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Understand the problem of implementing a blockchain technology (BCT) based solution for tracking and sharing assets within an organization effectively.	**Understand**
CO2	Explore and analyze the state-of-the-art BCT applications for supply chain management (SCM) and categorize executable project modules.	**Analyze**
CO3	Analyze various software in BCT to track the movement of the assets being used in the Organizations.	**Analyze**
CO4	Choose efficient tools for designing project modules.	**Apply**
CO5	Develop web based application for User Interface and Application Server.	**Create**
CO6	Deploy and compile the project after efficient testing.	**Create**

CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
C426.1	2	1	2	3	2				3	1	1	1	2	1	
C426.2	2	2	1	2	2				2	2	1	2	2	2	
C426.3	2	3	1	2	1				1	1	1	1	2	1	
C426.4	3	1	3	3	2				2	1	3	1	3	2	
C426.5	3	2	2	3	3				2	2	3	2	3	1	
C426.6	2	2	2	1	2				2	2	2	2	2	1	
Course	2.3	1.8	1.8	2.3	2.0				2.0	1.5	1.8	1.5	2.3	1.3	

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
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Faculty Signature

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

Surampalem, Andhra Pradesh.

Department Of Computer Science and Engineering

Course Outcome mapping with PO's and PSO's

Course Name:	Project Work	**Class**	IV B.Tech
Faculty Name:	**Mrs. K S B AMBIKA**	**Regulation**	R16
Academic Year	2020-2021	**Semester**	II-sem (EVEN)

Project Title: **AI MUSIC GENERATION SYSTEM**

COURSE OUTCOMES (COs):

Upon completion of the course, students will be able to:

CO#	Course Outcomes	Blooms Taxonomy level
CO1	Identify the process of music generation using AI	Understand
CO2	Analyze and understand LSTM and RNN models	Analyze
CO3	Usage of LSTM and RNN for music generation	Apply
CO4	Develop architecture for proposed model	Create
CO5	Design using LSTM and RNN models	Create
CO6	Test the created model with various input files	Analyze

CO-PO/PSO MATRIX:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3		3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3		3	3		3	3	3	3	3	3	3	3
CO4	3	3	3		3	3		3	3	3	3	3	3	3	3
CO5	3	3	3		3		3	3	3	3	3	3	3	3	3
CO6	3	3	3	3	3			3	3	3	3	3	3	3	3
Course	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**

PO1	Engineering Knowledge	**PO7**	Environment & Sustainability
PO2	Problem Analysis	**PO8**	Ethics
PO3	Design / Development of Solutions	**PO9**	Individual & Teamwork
PO4	Conduct Investigations of complex problems	**PO10**	Communication Skills
PO5	Modern Tool usage	**PO11**	Project Management & Finance
PO6	Engineer & Society	**PO12**	Life-long Learning
PSO1	The ability to design and develop computer programs for analyzing the data		
PSO2	The ability to analyses data & develop Innovative ideas and provide solution by adopting emerging technologies for real time problems of software industry.		
PSO3	To encourage the research in software field that contribute to enhance the standards of human lifestyle and maintain ethical values		

Faculty Signature