VAAGDEVI COLLEGE OF ENGINEERING
UGC-Autonomous
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Outcomes for M.Tech – SE (R15) for the year 2015-16

Course Outcome	Year/Semester I/I Sem	Subject Name (Subject Code) DATA STRUCTURES AND ALGORITHMS (A978101)	No. Of Hours L:4 T:0 P:0	Credits-4
After the completion of this course, the students should be able to				
1	Understand the basics of Algorithms and analyze the performance and complexity of Algorithms.			
2	Gain knowledge about applications of data structures including creating, inserting, deleting, searching and sorting of data for each data structure.			
3	Experiment with using linear data structures like stacks, queues and linked list for real time applications & Sorting –Bubble sort, Insertion sort, Quick sort, Merge sort, Heap sort, Radix sort, and comparison of sorting methods.			
4	Distinguish between Trees and Graphs and the areas where best applicable			
5	Be able to decide an appropriate data structure for any specific problem.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) SOFTWARE DEVELOPMENT METHODOLOGIES** (A925102)	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Demonstrate in depth knowledge on: Software Paradigms, Agile Development, Software Reuse, and Testing & Perform requirements analysis and build requirements model.			
2	Apply advanced software engineering models in software development life cycle.			
3	Design and create the architectural design to map data flows.			
4	Adapt Software design approaches & Understand object oriented concepts and principles.			
5	Implement and develop interface analysis.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) SOFTWARE REQUIREMENTS AND ESTIMATION**(A925103)	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Gain knowledge on: Requirements engineering and Management• Estimation of software - size, effort, schedule and cost & analyze the problems in estimation & factors influencing estimation and build traceability matrix, links in requirement chain.			
2	Apply requirement management and estimation tools for software development.			
3	Gain the understanding of the requirements engineering and management principles for effective software implementation & Develop Estimation tools for requirement management.			
4	Solve size and cost estimation for software development using COCOMO II, Putnam Estimation and Algorithmic models.			
5	Predict the components of Software and size estimations & analyze the models, object and define problem frames.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) CLOUD COMPUTING(**A925104**) (Core Elective-I)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				

1	Demonstrate knowledge on Virtualization models, Cloud Architecture, Services and Programming concepts & analyze the problems in existing cloud architectures.			
2	Apply concurrent programming, throughput computing and Data intensive computing in Cloud programming.			
3	Develop research insights into emerging technologies and energy management.			
4	Apply virtualization techniques to optimize resource sharing.			
5	Learn basics of python and cloud application development & Implement data security in the cloud			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) DATABASE INTERNALS(A925105) (Core Elective-I)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Explain structure of databases and how to design a database & design the appropriate tables Handling Keys appropriately Enforcing Integrity Constraints.			
2	Able to maintain the database consistent normalizing the tables to eliminate redundancies.			
3	Discuss Storage Optimizing Strategies for easy retrieval of data through index Triggers, Procedures and Cursors, Transaction Management.			
4	Explain distributed databases management system concepts and Implementation.			
5	Understand the concepts of crash recovery & develop methods to store data in distributed databases.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) COMPONENT BASED SOFTWARE ENGINEERING(A925106) (Core Elective-I)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Define a software component and its element & understand the concepts for the case of components.			
2	Plan team roles for CBD.			
3	Practice software engineering from subroutines & measure the metrics for software components.			
4	Describe the trouble shooting with testing components.			
5	Generate software components & implement COM+ and CCM software agents.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) INTERNET TECHNOLOGIES AND SERVICES(A925107) (Core Elective-I)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Client Side: HTML5, CSS3, JavaScript, Ajax, JQuery and JSON Server Side: Servlets, JSP.			
2	Database: MySQL with Hibernate and Connection Pooling.			
3	Introduce MVC Architecture and validate framework.			
4	SOA: Service Oriented Architecture, Web services fundamentals, Axis framework for WS.			
5	Understand the concepts SOAP in web services & Deploy and install web service framework			
Course	**Year / semester**	**Subject Name (Subject Code)**	**No. Of Hours**	**Credits-4**

Outcome	I/I Sem	BIG DATA ANALYTICS (Core Elective-II)	L:4 T:0 P:0	
After the completion of this course, the students should be able to				
1	Gain knowledge on Big Data storage, processing, querying and reporting.			
2	Analyze complex analytical problems to provide optimal solutions.			
3	Initiate research using HDFS and Map Reduce programming model for the implementation of parallelism.			
4	Apply various Big Data tools: Sqoop, HBase, Map Reduce and Mahout for data analytics & Plan a use case of Hadoop.			
5	Develop applications with Hadoop YARN & Introduce Mobile Analytics Tools.			
Course Outcome	Year / semester I/I Sem	Subject Name (Subject Code) WEB MINING (Core Elective-II)	No. Of Hours L:4 T:0 P:0	Credits-4
After the completion of this course, the students should be able to				
1	Introduce students to the basic concepts and techniques of Information Retrieval, Web Search, Data Mining, and Machine Learning for extracting knowledge from the web.			
2	Develop skills of using recent data mining software for solving practical problems of Web Mining.			
3	Gain experience of doing independent study and research & Understand the concepts of information retrieval.			
4	Analyze the link analysis and web crawling & Collect data and pre-process the types of data.			
5	Discover and analyze web usage patterns & Develop cluster analysis of web usage patterns.			
Course Outcome	Year / semester I/I Sem	Subject Name (Subject Code) OBJECT ORIENTED MODELING (Core Elective-II)	No. Of Hours L:4 T:0 P:0	Credits-4
After the completion of this course, the students should be able to				
1	State the advantages of object-oriented modeling vis-à-vis structured approaches. Compare and contrast the object-oriented model with the E-R and EER models.			
2	Model a real-world application by using a UML class diagram.			
3	Provide a snapshot of the detailed state of a system at a point in time using a UML (Unified Modeling Language) object diagram.			
4	Recognize when to use generalization, aggregation, and composition relationships & Specify different types of business rules in a class diagram			
5	Define use case, analyze, design and implementation & Develop iterative approach.			
Course Outcome	Year / semester I/I Sem	Subject Name (Subject Code) INFORMATION THEORY AND CODING (Core Elective-II)	No. Of Hours L:4 T:0 P:0	Credits-4
After the completion of this course, the students should be able to				
1	Understand random variables and density functions.			
2	Demonstrate the information Entropy and fundamentals.			
3	Discuss Shannon theory & Adapt data and voice coding			
4	Illustrate Forward correction code & Practice the principles of Text compression.			
5	Develop Graphic Interchange format& Introduce JPEG standards.			
Course Outcome	Year / semester I/I Sem	Subject Name (Subject Code) BIOINFORMATICS (Open Elective-	No. Of Hours L:4 T:0 P:0	Credits-4

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After the completion of this course, the students should be able to				
1	Introduce Bioinformatics and databases.			
2	Discuss molecular phylogenetics in detail & Demonstrate phylogene tree Construction.			
3	Plan a Gene promoter.			
4	Compare and classify protein secondary structure & Make a protein tertiary prediction.			
5	Construct a comparison of genomics and proteomics & Map a genome and functional proteomics			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) BIOMETRICS (Open Elective-I)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Understand the history, types, architecture and Applications of Biometric System and perform a comparative study on Benefits of Biometrics Versus Traditional Authentication Methods.			
2	Acquire advanced knowledge in Biological Biometrics like Face Recognition, Retina and Iris Biometrics and Identify the advantages and disadvantages of Using Vein Pattern of Palm, Fingerprint biometrics and Hand Geometry.			
3	Implement practically any one of the biometric authentication system.			
4	Explore the different cryptography techniques which can improve the working of biometric systems.			
5	Make a study on how Watermarking Techniques and Image Enhancement Techniques can be used in biometrics and identify the future scope & Organize standards for biometric template interoperability.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) COMPUTER FORENSICS (Open Elective-I)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Understand the fundamental concepts of Computer Forensics and Describe the different Types of Computer Forensics Technologies.			
2	Explain the role of backup in data recovery and how it can be used as an evidence and Classify the different types of evidences and identify the steps in collecting the evidences.			
3	Explain the process of verification and Authentication of any computer image.			
4	Understand the concepts like destruction of any Email or damaging any computer evidence under Network Forensics.			
5	Interpret the performance of the current Computer Forensics Tools & Plan to validate software tools and test software.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) DISTRIBUTED SYSTEMS SECURITY (Open Elective-I)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Compare the benefits of centralized system versus distributed systems and define the Architectural requirements for distributed environment and Formulate a case study on Inter Process Communication using Java RMI.			
2	Analyze the concepts of Operating system architecture, File Service architecture, Name Services and the Domain Name System. Design case study on Global Name Service,			

	X.500 Directory Service.			
3	Understand the concepts of concurrency control and deadlocks in distributed system environment.			
4	Classify the cryptographic algorithms and identify which suits best for securing the distributed system.			
5	Plan CORBA case study-Introduction, CORBA RMI, CORBA Services.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) SOFTWARE DEVELOPMENT METHODOLOGIES LAB**	**No. Of Hours L:0 T:0 P:4**	**Credits-2**
After the completion of this course, the students should be able to				
1	Demonstrate in depth knowledge on: Software Paradigms, Agile Development, Software Reuse, and Testing **&** Perform requirements analysis and build requirements model.			
2	Apply advanced software engineering methods in software development life cycle & analyze the techniques and requirements for different system models.			
3	Design and create the architectural design to map data flows.			
4	Adapt Software design approaches & Understand object oriented concepts and principles.			
5	Implement and develop interface analysis.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) SEMINAR(A925117)**	**No. Of Hours L:0 T:0 P:4**	**Credits-2**
After the completion of this course, the students should be able to				
1	Identify the seminar topic and gather the literature related to the topic.			
2	Plan and organize the contents and prepare a perfect written and oral presentation.			
3	Explain how the topic chosen can be implemented in other allied areas.			
4	Develop skills in presentation and discussion related to research areas.			
Course Outcome	**Year / semester I/I Sem**	**Subject Name (Subject Code) SOFTWARE ARCHITECTURE AND DESIGN PATTERNS(A925201)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Discuss a Software Architecture, Architectural patterns and reference models.			
2	Define architectural structures and views.			
3	Design an Architecture Quality Attributes, Achieving qualities, Architectural styles and patterns & Understand Architecture design decision making.			
4	Describe Chain of responsibility, command Interpreter and iterator & Plan case study in utilizing architectural structures.			
5	Make a study in interoperability and Air Traffic Control & Develop Celsius Tech – a case study in product line development.			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) SOFTWARE PROCESS AND PROJECT MANAGEMENT(A925202)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Understand the critical problems and principles in software process management.			
2	Define the roles in project management process & Discuss various frameworks in software project management.			
3	Practice Life Cycle Phases and Process artifacts & Plan a report on the Software project management.			
4	Analyze and write feasibility study on system implementations.			
5	Make a report on pragmatic software metrics & Develop a case study on modern project			

	profiles			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) SOFTWARE QUALITY ASSURANCE AND TESTING(A925203)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Learn different resources to develop a software.			
2	Discuss how to minimize Software Testing Strategy and Environment.			
3	Demonstrate approaches in systematic way to maintain and retirement of software.			
4	Develop methods to test, detect Life cycle of defect & Summarize SDLC and Testing on software testing process.Analyze the results created during testing process.			
5	Plan various goals, techniques and requirements & Identify specialized testing responsibilities.			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) SCRIPTING LANGUAGES(A925204)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Understand basics of Pearl and scripting languages.			
2	Define a problem on Advanced PHP Programming & Analyze PHP Authentication and Methodologies.			
3	Apply different techniques on , Building Web sites for the World and Translating Websites.			
4	Discuss problems related to TCL Structure & Illustrate and write event driven programs, making applications internet aware.			
5	Implement and Build Small Efficient Python Web Systems & Develop Web Application Framework			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) INFORMATION RETRIEVAL SYSTEMS(CORE ELECTIVE-III) (A925205)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Define the problems underlined to IRS & demonstrate the basic concepts and objectives in Dictionaries and tolerant retrieval.			
2	Understand Scoring, term weighting and the vector space model.			
3	Plan a Probabilistic information retrieval.			
4	Discuss Vector space classification & Implement Matrix decompositions and latent semantic indexing.			
5	Able to understand Web search basics and indexes.			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) SEMANTIC WEB AND SOCIAL NETWORKS (CORE ELECTIVE-III) (A925206)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Understand all the basic concepts of today's WWW and its limitations and need for next generation web.			
2	Explain the new features supported by semantic web and the role of Artificial Intelligence and machine intelligence in semantic web.			
3	Define the term Ontology and interpret how data on semantic web is represented in the form of ontology & Classify the different languages on semantic web namely Resource Description Framework(RDF), RDFSchema and Ontology Web Language(OWL).			
4	Explain how to make use of Logics, Rules and Inferences for ontology sharing, mapping			

	and merging.			
5	Differentiate between the method of searching in web 2.0 the existing web and web 3.0 (semantic web) the next generation web & Understand what is social network analysis and the role of semantic web.			
Course Outcome	**Year /semester I/II Sem**	**Subject Name (Subject Code) E-COMMERCE(CORE ELECTIVE-III)(A925207)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
1	Analyze E-commerce foundation and its importance.			
2	Demonstrate a clear strategy on Electronic payment systems.			
3	Understand the various Risks in Electronic Payment systems & Discuss the work flow in Intra Organizational Commerce.			
4	Describe Supply chain Management. Corporate Digital Library & Illustrate the legal problem and Information based marketing.			
5	Plan and discuss global E-commerce issues & Develop a Desktop video conferencing.			
Course Outcome	**Year /semester I/II Sem**	**Subject Name (Subject Code) SOFTWARE SECURITY ENGINEERING (CORE ELECTIVE-III) (A925208)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Understand what are the sources and threats to software security.			
2	Explain the properties of secure software and benefits of providing software security & Analyze the SQUARE process Model for gathering requirements to design a secure software.			
3	Classify the different practices needed for architecture and design of secure software.			
4	Summarize the different principles, guidelines and attack patterns of a secure software & Experiment with the secure coding and testing.			
5	Understand the real time challenges in secure system Assembly & Analyze how much security is sufficient and plan for adopting an enterprise software security framework			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) CYBER SECURITY (CORE ELECTIVE-IV) (A925209)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Classify the different kinds of information system and identify the need for information security.			
2	Understand the application security with respect to Database, E-mail and Internet & Determine the differences between the different kinds of security threats like virus, worms, Trojan, spoofs etc & Explain the different threats on Electronic Payment System.			
3	Analyze the Architecture and Design of cyber security.			
4	Summarize the security policy issues related to www and Email system.			
5	Identify the different Information Security Standards & interpret the various concepts of Intrusion Detection System.			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) INFORMATION SECURITY AND AUDIT (CORE ELECTIVE-IV) (A925210)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Identify the importance of Information Security and gain knowledge about the conventional encryption techniques to provide security.			
2	Classify the different public key cryptography algorithms and develop code for their			

	execution			
3	Understand what is message authentication and how to make use of Digital Signatures.			
4	Analyze the architecture of Kerberos for security & Differentiate between Pretty Good Privacy (PGP) and SMIME for Email security & Explain how Firewalls can provide network level security to information.			
5	Identify the need for security audits in any organization & Perform a case study on different approaches to security audit.			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) BUSINESS PROCESS MANAGEMENT (CORE ELECTIVE-IV) (A925211)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Understand the Parameter sets of Business Process Management.			
2	Analyze the Business Process Frame Work.			
3	Analyze the performance of existing processes and identify process improvement & create a BPM implementation strategy and implementation plan for an organization.			
4	Explain the role of IT in Business Process Management.			
5	Understand software developer responsibilities for building and supporting the functionality required for a business process			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) E – COMMERCE (Open Elective-II) (A925212)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Understand the fundamentals, foundations and importance of E-Commerce.			
2	Analyze the effectiveness of market research and Implement the electronic payment systems.			
3	Demonstrate the role and impact of E-Commerce in business models.			
4	Discuss the internet trading relationship by advertising and marketing.			
5	Assess the payment systems and determine and recognize multimedia concepts.			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) INTELLECTUAL PROPERTY RIGHTS (OPEN ELECTIVE-II) (A925213)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Understand the legal rights related to design, trade and unfair competition.			
2	Ability to apply and assess principles in intellectual property.			
3	Discuss the real time areas related to semiconductor chip protection act.			
4	Develop different law of patents.			
5	Introduce trade secret and apply state law and trade secret law.			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) MOBILE COMPUTING(OPEN ELECTIVE-II) (A925214)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Describe the importance of design paradigms in mobile computing.			
2	Discuss the GSM Architecture and understand various services like SMS,GPRS .			
3	Manage software systems of various Operating systems.			

4	Understand the J2ME Architecture, J2ME Profiles and other Protocols.			
5	Evaluate the role of Multimedia in mobile applications.			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) MOBILE APPLICATION SECURITY (OPEN ELECTIVE-II) (A925215)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Identify the top issues faced by mobile devices and their causes.			
2	Analyze how can we create a. Secure data storage b. Strong authentication c. Safe browsing environment For mobile devices			
3	Interpret the best ways of providing Bluetooth Security in mobile devices & identify the Bluetooth vulnerabilities and differences between the Bluetooth Versions Prior to v1.2 and v2.1			
4	Understand the concepts of SMS-Short Message Service and the security threats related to SMS.			
5	Demonstrate how Enterprise Security can be provided on the Mobile OS.			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) PRINCIPLES OF INFORMATION SECURITY (OPEN ELECTIVE-II) (A925216)**	**No. Of Hours L:4 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Analyze the different components of any Information System & understand the need for Information Security.			
2	Differentiate between the Legal, Ethical and Professional Issues in Information Security.			
3	Describe Risk Management and examine risk identification and risk assessment & understand the functionalities of Intrusion Detection and Prevention Systems.			
4	Summarize how to make use of cryptography techniques to information security.			
5	Demonstrate how to implement Information Security System			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code) SOFTWARE TESTING LAB(A925217)**	**No. Of Hours L:0 T:0 P:4**	**Credits-2**
After the completion of this course, the students should be able to				
1	Define the scope of SW T&QA projects.			
2	Implement the efficiency perform T&QA activities using modern software.			
3	Develop **Sample problems on testing:**			
4	Plan a mini projects			
Course Outcome	**Year / semester I/II Sem**	**Subject Name (Subject Code)** SEMINAR(A925218)	**No. Of Hours L:0 T:0 P:4**	**Credits-2**
After the completion of this course, the students should be able to				
1	Identify the seminar topic and gather the literature related to the topic.			
2	Plan and organize the contents and prepare a perfect written and oral presentation.			
3	Explain how the topic chosen can be implemented in other allied areas.			

4	Develop skills in presentation and discussion related to research areas.			
Course Outcome	**Year / semester II/I Sem**	**Subject Name (Subject Code)** Comprehensive Viva-Voce(A925301)	**No. Of Hours L:0 T:0 P:0**	**Credits-4**
After the completion of this course, the students should be able to				
1	Summarize all the subjects learnt in previous two semesters.			
2	Prepare to answer any question from all the core subjects.			
3	Understand the practical importance of the subjects in depth.			
4	Improve the oral presentation skills and gain confidence.			
5	Explain the areas of interest and concepts learnt thoroughly.			
6	Develop the skills required which help them to face interviews in both academic and private sectors.			
7	Asses their own strengths and weakness so as to improvise them.			
8	Understand the overall importance of every subject and its practical application for real world problem solving			
Course Outcome	**Year / semester II/I Sem**	**Subject Name (Subject Code)** Project work Review I (A925302)	**No. Of Hours L:0 T:0 P:24**	**Credits-12**
After the completion of this course, the students should be able to				
1	Define the problem.			
2	Find a problem.			
3	Motivate the team.			
4	Discuss with team and theoretical concepts			
5	Demonstrate the requirements			
6	Integrate the ideas			
7	Choose appropriate methodology			
8	Infer different hypothesis and questions			
Course Outcome	**Year / semester II/II Sem**	**Subject Name (Subject Code)** Project work Review II (A925401)	**No. Of Hours L:0 T:0 P:8**	**Credits-4**
After the completion of this course, the students should be able to				
1	Communicate it clearly			
2	Summarize the background literature			
3	Outline the various research methods.			
4	Propose a solution to the problem.			
5	Apply the methods according to the needs.			
6	Select and collect the data.			
7	Conduct the response ethically			
8	Analyze the empirical data.			
Course Outcome	**Year / semester II/II Sem**	**Subject Name (Subject Code)** Project Evaluation (Viva-Voce) (A925402)	**No. Of Hours L:0 T:0 P:16**	**Credits-12**
After the completion of this course, the students should be able to				
1	Organize, interpret and evaluate data			
2	Solve and find different solutions related to context			
3	Determine the efficiency of the method.			
4	Prioritize the importance of method			
5	Simply the techniques in simple way			
6	Estimate the complexity of the solution			

7	Prove the method is sustainable.
8	Modify if based on the requirements.