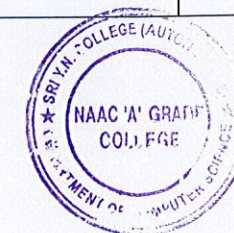


DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022

Class: I B.Sc.,	Year: I	Semester: I	Paper: PROBLEM SOLVING IN 'C'	Name of the Lecturers: G.Sowjanya, Ch.S.v.Ravi Kumar, P.P.S lakshmi, A.Naga Lakshmi
-----------------	---------	-------------	-------------------------------	-------------------------------------------------------------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / ValueAdditions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
November	06	General Fundamentals, Number Systems, Operating systems, Introduction to Algorithms and Programming Languages	Number systems	Teaching	05	Yes		Assignment	01	Yes	
December	16	Introduction to C: Structure of C Program –Compiling and Using Comments –Keywords – Data Types in C – Variables – Constants – I/O Statements in C- Operators in C-		Teaching	15	Yes		Assignment	01	Yes	
January	15	Decision Control and Looping Statements: Introduction to Decision Control Statements– Conditional Branching Statements – Iterative Statements – Nested Loops – Break and Continue Statement – Goto Statement.		Teaching	13	Yes		Assignment Student Seminar	01 01	Yes	
February	18	Arrays, Functions, Structure, Union, and Enumerated Data Types:		Teaching	17	Yes		Assignment	01	Yes	
March	12	Pointers, Files		Teaching	11	Yes		Assignment	01	Yes	

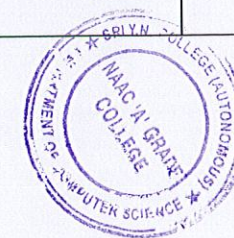


[Signature]
HEAD
DEPARTMENT COMPUTER SCIENCE
SRI Y.N.COLLEGE (Autonomous)
NARSAPUR - 534 275, W.G.Dt.

DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022

Class: I B.Sc.,	Year: I	Semester: II	Paper: II - Data Structures Using 'C'	Name of the Lecturers: G.Sowjanya, A.Naga lakshmi
-----------------	---------	--------------	----------------------------------------------	---------------------------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / Value Additions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
May	09	Introduction to Data Structures, Principles of Programming and Analysis of Algorithms Arrays		Teaching	08	Yes		Assignment	01	Yes	
June	14	Linked Lists Stacks Queues Binary Trees	Trees: Definition of tree-Tree Terminology- Types of Trees- Operations on Trees.	Teaching	12	Yes		Assignment	02	Yes	
July	18	Searching and sorting		Teaching	16	Yes		Assignment Student Seminar	01 01	Yes	
August	12	Graphs		Teaching	11	Yes		Assignment	01	Yes	



(Signature)

HEAD
 DEPARTMENT COMPUTER SCIENCE
 SRI Y.N.COLLEGE (Autonomous)
 NARSAPUR - 534 275, W.G.Dt.

DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022

Class: II B.Sc.,	Year: II	Semester: III	Paper: III- DBMS	Name of the Lecturers: G.Sowjanya, A.Naga Lakshmi, M.Tulasi Ratna Kumari
------------------	----------	---------------	------------------	-----------------------------------------------------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / Value Additions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
December	08	Overview of Database Management System: file-based system, Drawbacks, DBMS, Objectives, Classification, DBMS Approach, advantages of DBMS, ANSI/SPARK Data Model, data models,		Teaching	07	Yes		Assignment	01	Yes	
January	14	Entity-Relationship Model: The building blocks of an ER diagram, classification of entity sets, attribute classification, relationship degree, relationship classification, reducing ER diagram to tables, EER model, generalization and specialization, IS A relationship and attribute inheritance, connection trapes, Relational Model		Teaching	13	Yes		Assignment	01	Yes	
February	16	Normalization, SQL		Teaching	14	Yes		Assignment Student Seminar	01 01	Yes	
March	12	PL/SQL, Transaction Management and Concurrency Control	Transaction Management and Concurrency Control	Teaching	11	Yes		Assignment	01	Yes	

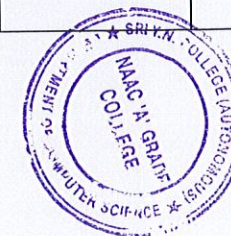


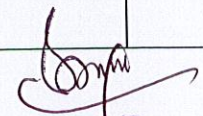
(Signature)
HEAD
 DEPARTMENT COMPUTER SCIENCE
 SRI Y.N.COLLEGE (Autonomous)
 NARSAPUR - 534 275, W.G.De.,

DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022

Class: II B.Sc.,	Year: II	Semester: IV	Paper: IV- OOPs Using Java	Name of the Lecturers: Ch.S.V.Ravi Kumar, PPS Lakshmi
------------------	----------	--------------	----------------------------	-------------------------------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / Value Additions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
May	10	Introduction to Java, Naming Conventions and Data Types, Operators in Java, Control Statements in Java, Input and Output, Arrays	Java Program Structure, Implementing Java Program, Differences between C, C++ and Java.	Teaching	09	Yes		Assignment	01	Yes	
June	12	Strings, Introduction to OOPs, Classes and Objects Methods in Java, Inheritance	Vectors and Wrapper classes; Benefits of OOPS and Applications of OOPS.; Overloading methods and overriding methods,	Teaching	10	Yes		Assignment Student Seminar	01 01	Yes	
July	12	Polymorphism, Type Casting, Abstract Classes Interfaces, Packages, Exception Handling, Streams, Threads		Teaching	11	Yes		Assignment	01	Yes	
August	13	Applets, Java Database Connectivity	Applet Life Cycle, Local and Remote Applets, Differences between Applets and Applications,	Teaching	11	Yes		Assignment	02	Yes	
Sep	03	Revision		Teaching	03	Yes					

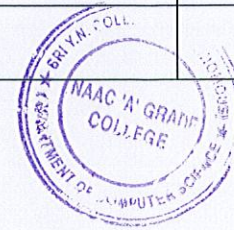



HEAD
 DEPARTMENT COMPUTER SCIENCE
 SRI Y.N.COLLEGE (Autonomous)
 NARSAPUR - 534 275, W.G.D.,

DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022

Class: II B.Sc.,	Year: II	Semester: IV	Paper: V: Operating System	Name of the Lecturers: B.China Veeraswamy, K.Sirisha
------------------	----------	--------------	----------------------------	---------------------------------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / Value Additions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
May	09	Unit-1: Operating System	Open Source Operating System	Teaching	08	Yes		Assignment	01	Yes	
June	12	Unit-II, Unit-III: Process Management	Types of System Calls	Teaching	10	Yes		Assignment	02	Yes	
July	10	Unit-IV: Memory Management	Demand Paging, Copy-on-write, Page Replacement, Page Replacement algorithms, allocation of frames, Thrashing.	Teaching	09	Yes		Assignment	01	Yes	
August	12	Unit-V: File and I/O Management, OS Security	File Concepts: File access methods: Sequential access and Direct access; Contiguous allocation, Linked allocation and Indexed allocation; Free space Management: Bit Vector, Linked list, Grouping and Counting;	Teaching	10	Yes		Assignment Student Seminar	01 01	Yes	
Sep	02	Revision		Teaching	02	Yes					



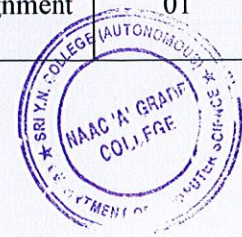
[Signature]
HEAD

DEPARTMENT COMPUTER SCIENCE
SRI Y.N.COLLEGE (Autonomous)
NARSAPUR - 534 275, W.G.Dt.

DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022

Class: III B.Sc.,	Year: III	Semester: V	Paper: V - DBMS	Name of the Lecturers: B.China Veeraswamy, K.Sirisha
-------------------	-----------	-------------	-----------------	---------------------------------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / Value Additions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
September	08	Overview of Database Management System: file-based system, Drawbacks, DBMS, Objectives, Classification, DBMS Approach, advantages of DBMS, ANSI/SPARK Data Model, data models, Components of DBMS.		Teaching	07	Yes		Assignment	01	Yes	
October	12	Entity-Relationship Model: The building blocks of an ER diagram, classification of entity sets, attribute classification, relationship degree, relationship classification, reducing ER diagram to tables, EER model, generalization and specialization, IS A relationship and attribute inheritance, multiple inheritance, constraints on specialization and generalization, aggregation and composition, entity clusters, connection traps,		Teaching	11	Yes		Assignment	01	Yes	
November	12	Relational Model: CODD Rules, relational data model, concept of key, relational integrity,		Teaching	10	Yes		Assignment Student Seminar	01 01	Yes	
December	12	relational algebra, relational algebra operations, advantages of relational algebra, limitations of relational algebra, relational calculus, TRC, DRC, QBE, .Normalization, Structured Query Language	Normalization	Teaching	11	Yes		Assignment	01	Yes	
January	08	PL/SQL		Teaching	07	Yes		Assignment	01	Yes	



[Signature]
HEAD


DEPARTMENT COMPUTER SCIENCE
SRI Y.N.COLLEGE (Autonomous)
NARSAPUR - 534 275, W.G.Dt.,

**DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022**

Class: III B.Sc.,	Year: III	Semester: V	Paper: VI- Software Engineering	Name of the Lecturers: G.Sowjanya, M.Tulasi ratna Kumari
-------------------	-----------	-------------	---------------------------------	----------------------------------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / Value Additions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
September	08	Introduction, Project Management, Process And Project Metrics,		Teaching	07	Yes		Assignment	01	Yes	
October	12	Software Project Estimation, Risk Analysis, Software Project Scheduling		Teaching	11	Yes		Assignment	01	Yes	
November	10	Software Design, Requirement Analysis		Teaching	09	Yes		Assignment	01	Yes	
December	12	User Interface Design And Real Time Systems, Software Testing,		Teaching	10	Yes		Assignment Student Seminar	01 01	Yes	
January	08	Software Quality Assurance, Software Maintenance, Case Tools		Teaching	07	Yes		Assignment	01	Yes	



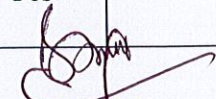

HEAD
 DEPARTMENT COMPUTER SCIENCE
 SRI Y.N.COLLEGE (Autonomous)
 NARSAPUR - 534 275, W.G.Dt.,

**DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022**

Class: III B.Sc.,	Year: III	Semester: VI	Paper: VII- Web Technologies	Name of the Lecturers: Ch.S.V.Ravi Kumar, K.Sirisha, M.Tulasi ratna Kumari
-------------------	-----------	--------------	------------------------------	-------------------------------------------------------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / Value Additions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
February	05	HTML: Basic HTML, Document body, Text, Hyper links, adding more formatting, Lists, Tables using images. More HTML: Multimedia objects, Frames, Forms towards interactive, HTML document heading detail.		Teaching	04	Yes		Assignment	01	Yes	
March	13	Cascading Style Sheets: Introduction, using Styles, simple examples, your own styles, properties and values in styles, style sheet, formatting blocks of information, layers.		Teaching	11	Yes		Assignment	02	Yes	
April	12	JavaScript, basics, variables, string manipulations, mathematical functions, statements, operators, arrays, functions; Objects in JavaScript: Data and objects in JavaScript, regular expressions, Exception handling		Teaching	10	Yes		Assignment Student Seminar	01 01	Yes	
May	08	DHTML with JavaScript, XML		Teaching	07	Yes		Assignment	01	Yes	

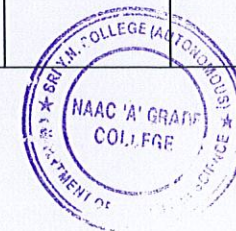



HEAD
 DEPARTMENT COMPUTER SCIENCE
 SRI Y.N.COLLEGE (Autonomous)
 NARSAPUR - 534 275, W.G.D.

DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022

Class: III B.Sc.,	Year: III	Semester: VI	Paper: VIII(A)- Distributed Systems (Cluster Paper)	Name of the Lecturers: B.China Veeraswamy
-------------------	-----------	--------------	-----------------------------------------------------	-------------------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / Value Additions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
February	05	Distributed Computing Systems, System Models Issues in Designing a Distributed Operating System, Examples of distributed systems.		Teaching	04	Yes		Assignment	01	Yes	
March	18	Features of Message Passing System, RPC and its models, Server Management, Call Semantics, Communication Protocols		Teaching	17	Yes		Assignment	01	Yes	
April	16	DSM system, Granularity and Consistency Model, Advantages of DSM, Clock Synchronization, Event Ordering, Mutual exclusion, Deadlock, Election Algorithms. Task Assignment Approach, Load Balancing Approach, Load Sharing Approach, Process Migration and Threads.		Teaching	14	Yes		Assignment	02	Yes	
May	12	File Models, File Accessing Models, File Sharing Semantics, File Replication, Atomic Transactions, Cryptography, Authentication, Access control and Digital Signatures.		Teaching	11	Yes		Assignment	01	Yes	



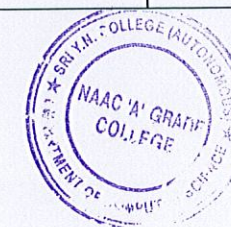
(Signature)

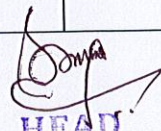
HEAD
DEPARTMENT COMPUTER SCIENCE
SRI Y.N.COLLEGE (Autonomous)
NARSAPUR - 534 275, W.G.D.,

DEPT. OF COMPUTER SCIENCE
SRI Y.N.COLLEGE (A): NARSAPUR
ANNUAL CURRICULAR PLAN 2021-2022

Class: III B.Sc.,	Year: III	Semester: VI	Paper: VIII(B)- Cloud Computing (Cluster Paper)	Name of the Lecturers: G.Sowjanya
-------------------	-----------	--------------	-------------------------------------------------	-----------------------------------

Month & Week	Hours available	Syllabus Topic	Additional Inputs / Value Additions	Curricular Activity				Co-Curricular Activity			
				Activity	Hours Allotted	Whether Conducted	If not Alternate Date	Activity	Hours Allotted	Whether Conducted	If not Alternate Date
February	05	Cloud Computing Overview- Origins of Cloud Computing-Cloud components- Essential Characteristics		Teaching	04	Yes		Assignment	01	Yes	
March	16	Cloud Scenarios, Benefits, Limitations, Security concerns, Regularity issues, Platform as a Service(PaaS), Software as a Service (SaaS), Cloud architecture		Teaching	14	Yes		Assignment	02	Yes	
April	18	Infrastructure as a Service (IaaS), Cloud deployment model, Virtualization		Teaching	17	Yes		Assignment	01	Yes	
May	13	Types of hardware virtualization, Desktop Virtualization, Microsoft Implementation		Teaching	12	Yes		Assignment	01	Yes	




HEAD
 DEPARTMENT COMPUTER SCIENCE
 SRI Y.N.COLLEGE (Autonomous)
 NARSAPUR - 534 275, W.G.Dt.,