

DEPT. OF COMPUTER SCIENCE  
SRI Y.N.COLLEGE (A): NARSAPUR  
ANNUAL CURRICULAR PLAN 2018-2019

Class: I B.Sc.,	Year: I	Semester: I	Paper: Computer Fundamentals and Photoshop	Name of the Lecturers: G.Sowjanya, S.Bhasya Silpini
--------------------	---------	-------------	--	---

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	
June	02	Introduction to computers: Characteristics and limitations of computer		Teaching	02	Yes						
July	12	Block diagram of computer, types of computers, uses of computers, computer generations. Number systems: working with binary, octal, decimal and Hexa decimal numbering system.		Teaching	11	Yes		Assignment	01	Yes		
August	12	Input and Output Devices, Types of Software, Memories, Windows basics:		Teaching	11	Yes		Assignment	01	Yes		
September	14	Introduction to Adobe Photoshop; Images in Photohop		Teaching	13	Yes		Assignment	01	Yes		
October	16	Working with tool box, Layers in Photoshop		Teaching	15	Yes		Assignment	01	Yes		
November	05	Filters, Menus in Photoshop	Menus in Photoshop	Teaching	04	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 2018-2019

Class: I B.Sc.,	Year: I	Semester: II	Paper: II - Programming in "C"	Name of the Lecturers: G.Sowjanya, P.P.S.Lakshmi, S.Bhashya Silpini
-----------------	---------	--------------	--------------------------------	--

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	16	Introduction to Algorithms and Programming Languages; Introduction to C language		Teaching	15	Yes		Assignment	01	Yes	
January	16	<b>Decision Control and Looping Statements:</b> Introduction to Decision Control Statements- Conditional Branching Statements- Iterative Statements- Nested Loops- Break and Continue Statement- Go to Statement. <b>FUNCTIONS:</b> Introduction- Using Functions- Function Declaration/Prototype-Function definition- Function Call- Return Statement- Passing Parameters- Scope of Variables-Storage Classes- Recursive Functions- Types of Recursion- Recursion vs. Iteration.		Teaching	15	Yes		Assignment	01	Yes	
February	12	Arrays, Strings: Introduction- Suppressive Input- String Taxonomy- String Operations- Miscellaneous String and Character functions.		Teaching	11	Yes		Assignment	01	Yes	
March	08	Pointers, Structures, Unions, Enumerated data Types, files		Teaching	07	Yes		Assignment	01	Yes	

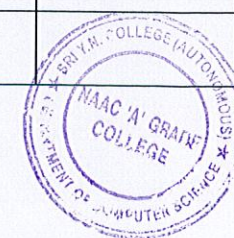


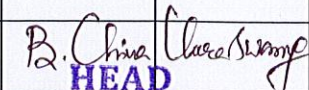
*B. Chitra Choudhary*  
**HEAD**  
**DEPARTMENT COMPUTER SCIENCE**  
**SRI Y.N.COLLEGE (Autonomous)**  
**NARSAPUR - 502 324, T.D.D.**

**DEPT. OF COMPUTER SCIENCE**  
**SRI Y.N.COLLEGE (A): NARSAPUR**  
**ANNUAL CURRICULAR PLAN 2018-2019**

Class: II B.Sc.,	Year: II	Semester: III	Paper: III- OOP's through Java	Name of the Lecturers: Ch.S.V.Ravi Kumar
------------------	----------	---------------	--------------------------------	--

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
June	09	Fundamentals of Object – Oriented Programming	Difference between C, C++ and Java	Teaching	08	Yes		Assignment	01	Yes	
July	18	Overview of Java Language, Constants, Variables & Data Types, Operators and Expressions, Decision Making & Branching, Decision Making & Looping		Teaching	17	Yes		Assignment	01	Yes	
August	18	Classes, Objects & Methods, Inheritance, Arrays, Strings And Vectors. Interfaces	Inheritance and types of inheritances	Teaching	17	Yes		Assignment	01	Yes	
September	19	Multi Threaded Programming, Managing Errors And Exceptions		Teaching	18	Yes		Assignment	01	Yes	
October	09	Applet Programming, Packages	1. Difference between Applets and Applications 2. Display state designing web page, adding applet to HTML file, running the Applet. 3. Adding class to a package, Hiding classes, static Import.	Teaching	08	Yes		Assignment	01	Yes	
November	05	Revision		Revision	05	Yes					

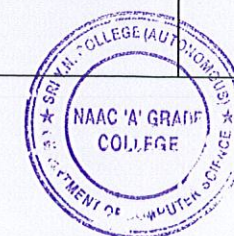


  
**HEAD**  
 DEPARTMENT COMPUTER SCIENCE  
 SRI Y.N.COLLEGE (Autonomous)  
 NARSAPUR - 534 275, W.G.Dt.,

DEPT. OF COMPUTER SCIENCE  
SRI Y.N.COLLEGE (A): NARSAPUR  
ANNUAL CURRICULAR PLAN 2018-2019

Class: II B.Sc.,	Year: II	Semester: IV	Paper: V- Data Structures	Name of the Lecturers: Ch.S.V.Ravi Kumar
------------------	----------	--------------	---------------------------	--

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	18	Sorting and Searching, Concept of Abstract Data Types (ADTs), Linear Lists, Arrays		Teaching	17	Yes		Assignment	01	Yes	
January	16	<b>Stacks:</b> Definition, ADT, Array and Linked representations, Implementations and Applications <b>Queues:</b> Definition, ADT, Array and Linked representations, Circular Queues, Dequeues, Priority Queues.		Teaching	15	Yes		Assignment	01	Yes	
February	18	<b>Trees:</b> Binary Tree, Definition, Tree Terminology, Traversing the Tree, finding Maximum and Minimum values Properties, ADT, Array and Linked representations, Implementations and Applications. Binary Search Trees (BST) – Definition, ADT, Operations and Implementations, BST Applications. Threaded Binary Trees, Heap trees;		Teaching	17	Yes		Assignment	01	Yes	
March	12	<b>Graphs</b> – Graph and its Representation, Graph Traversals, Connected Components, Basic Searching Techniques, Minimal Spanning Trees		Teaching	11	Yes		Assignment	01	Yes	



*B. Chinn Chorasasamp*  
**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 2018-2019**

Class: III B.Sc.,	Year: III	Semester: V	Paper: V- DBMS	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
June	12	Overview of Database Management System, Entity-Relationship Model		Teaching	11	Yes		Assignment	01	Yes	
July	12	Attribute inheritance, aggregation and composition, entity clusters, connection traps, Relational Model: CODD Rules, relational data model, Relational algebra, Relational calculus, QBE		Teaching	11	Yes		Assignment	01	Yes	
August	12	Normalization, Structured Query Language:	Normalization	Teaching	11	Yes		Assignment	01	Yes	
September	10	PL/SQL		Teaching	09	Yes		Assignment	01	Yes	
October	3	Revision		Revision	03	Yes					



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

**DEPT. OF COMPUTER SCIENCE**  
**SRI Y.N.COLLEGE (A): NARSAPUR**  
**ANNUAL CURRICULAR PLAN 2018-2019**

Class: III B.Sc.,	Year: III	Semester: V	Paper: VI- Software Engineering	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
June	08	Introduction, Project Management, Process And Project Metrics, Software Project Estimation, Risk Analysis, Software Project Scheduling		Teaching	07	Yes		Assignment	01	Yes	
July	12	Software Design, Requirement Analysis		Teaching	11	Yes		Assignment	01	Yes	
August	12	User Interface Design And Real Time Systems		Teaching	11	Yes		Assignment	01	Yes	
September	12	Software Testing, Software Quality Assurance		Teaching	11	Yes		Assignment	01	Yes	
October	04	Software Maintenance, Case Tools		Revision	04	Yes					

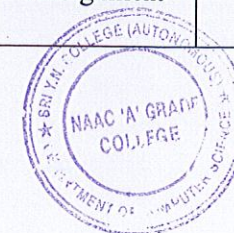


*P. Chitra Chandra*  
**HEAD**  
 DEPARTMENT COMPUTER SCIENCE  
 SRI Y.N.COLLEGE (Autonomous)  
 NARSAPUR - 534 275, W.G.D.,

**DEPT. OF COMPUTER SCIENCE**  
**SRI Y.N.COLLEGE (A): NARSAPUR**  
**ANNUAL CURRICULAR PLAN 2018-2019**

Class: III B.Sc.,	Year: III	Semester: VI	Paper: VII- Web technologies	Name of the Lecturers: Ch.S.V.Ravi Kumar
-------------------	-----------	--------------	------------------------------	--

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
November	4	<b>HTML:</b> 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	03	Yes		Assignment	01	Yes	
December	12	<b>Cascading Style Sheets:</b> Introduction, using Styles, simple examples, your own styles, properties and values in styles, style sheet, formatting blocks of information, layers.		Teaching	11	Yes		Assignment	01	Yes	
January	11	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	01	Yes	
February	11	DHTML with JavaScript		Teaching	10	Yes		Assignment	01	Yes	
March	9	XML		Teaching	08	Yes		Assignment	01	Yes	

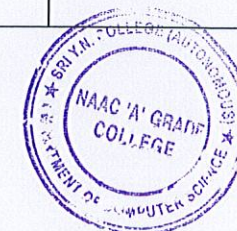


*B. Chinnappa*  
**HEAD**  
 DEPARTMENT COMPUTER SCIENCE  
 SRI Y.N.COLLEGE (Autonomous)  
 NARSAPUR - 534 275, W.G.D.,

**DEPT. OF COMPUTER SCIENCE**  
**SRI Y.N.COLLEGE (A): NARSAPUR**  
**ANNUAL CURRICULAR PLAN 2018-2019**

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
November	03	Distributed Computing Systems, System Models		Teaching	02	Yes		Assignment	01	Yes	
December	13	Issues in Designing a Distributed Operating System, Examples of distributed systems. Features of Message Passing System, RPC and its models, Server Management, Call Semantics, Communication Protocols		Teaching	12	Yes		Assignment	01	Yes	
January	07	DSM system, Granularity and Consistency Model, Advantages of DSM, Clock Synchronization, Event Ordering, Mutual exclusion, Deadlock, Election Algorithms.		Teaching	06	Yes		Assignment	01	Yes	
February	14	Task Assignment Approach, Load Balancing Approach, Load Sharing Approach, Process Migration and Threads.		Teaching	13	Yes		Assignment	01	Yes	
March	10	File Models, File Accessing Models, File Sharing Semantics, File Replication, Atomic Transactions, Cryptography, Authentication, Access control and Digital Signatures.		Revision	09	Yes		Assignment	01	Yes	



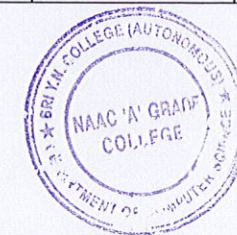
*B. China Veeraswamy*  
**HEAD**  
**DEPARTMENT COMPUTER SCIENCE**  
**SRI Y.N.COLLEGE (Autonomous)**  
**NARSAPUR - 534 275 W.G.D.L.**



**DEPT. OF COMPUTER SCIENCE  
SRI Y.N.COLLEGE (A): NARSAPUR  
ANNUAL CURRICULAR PLAN 2018-2019**

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
November	03	Cloud Computing Overview- Origins of Cloud Computing-Cloud components- Essential Characteristics		Teaching	02	Yes		Assignment	01	Yes	
December	12	Cloud Scenarios, Benefits, Limitations, Security concerns, Regularity issues		Teaching	11	Yes		Assignment	01	Yes	
January	09	Platform as a Service(PaaS), Software as a Service (SaaS), Cloud architecture		Teaching	08	Yes		Assignment	01	Yes	
February	12	Infrastructure as a Service (IaaS), Cloud deployment model, Virtualization		Teaching	11	Yes		Assignment	01	Yes	
March	09	Types of hardware virtualization, Desktop Virtualization, Microsoft Implementation		Revision	08	Yes		Assignment	01	Yes	



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