ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

FOR GOD AND COUNTRY

Syllabus Planner for the year 2018   TERM: .I   TEACHER`S NAME:.PRITHWISH DE

No. of working days: 22   No. of periods available: .7   Subject: COMPUTER SCIENCE   CLASS: 11   SECTION: .A1 , A2

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY					
FEBRUARY					
MARCH					
APRIL	7	Ch. 1 – Evolution of Computers Ch. 3 – Classification of Computer Ch. 7–Data Representation Ch. 10 – Software & Languages	Abacus, Napier's Bones, Pascalines, The Babbage Machine Analogue, Digital computers, mini,micro, super Computers Various binary coding schemes Software, Programming languages	Relevant Questions from Evolution of Computers, Classification of Computers, Software and Languages Numerical from Data Representation	Question Pattern would be discussed in class. Selective Questions from Evolution of Computers, Classification of Computers, Software and Languages Numericals from Data Representation

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Submitted Date: 27/11/18

Signature of Teacher: ....

Academic Co-ordinator: ....../........27/11/18

PRINCIPAL.

VICE PRINCIPAL

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2018   TERM: .I   TEACHER`S NAME: .PRITHWISH DE

No. of working days: 59 No. of periods available: 72   Subject:COMPUTER SCIENCE   CLASS: 11   SECTION: .A1 , A2

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	10	Ch. 7 –Data Representation(Cont..) Ch. 9 – Boolean Algebra Ch. 10 – Software & Languages(Cont..) Ch. 2 – Concept of Circuit Integration Ch. 11 – Programming in C	Number Systems,Conversions Gates, Logics, Proofs High,Low, Assembly Languages SSI,MSI,LSI,VLSI etc. Algorithm & Flowchart	Questions from Software and Languages, Circuit Integration, Numericals	Questions from Software and Languages, Circuit Integration, Numericals
JUNE	15	Ch. 4 – Computers in Modern Society Ch. 7 – Data Representation (Cont...) Ch. 9 – Boolean Algebra (Cont...) Ch. 10 – Software and Languages (Cont...) Ch. 11 – Programming in C (Cont...)	Applications of Computer,ICT Arithmetic,Negative Number Representation De Morgan's Theorem & Application, Simplifications, Universal Gates software types Introduction, Variables, Basic Programs	Problems on Computers in Modern Society, Software and Languages, Programming in C	Discussion on making of Lab Copy and Project File. Problems on Computers in Modern Society, Software and Languages, Programming in C in practical classes
JULY	18	Ch. 6 – Parts of a Computer System Ch. 9 – Boolean Algebra(Contd. & Revision) Ch. 10 – Software & Languages(Cont..) Ch. 11 – Programming in C(Cont. &Revision)	Block Diagram,I/O Device, Memory Basic Gates using Universal gates Translators, OS Types Basic Loops	Selective Questions from Parts of a Computer System, Software & Languages. Programs On C NOTE: 1st Term – JULY 25th	Discussion on making of Lab Copy and Project File. Selective Problems on Boolean algebra, Conversion, simplification, Practical C programming
AUGUST	15	Ch. 5 – Data Information & Data Processing Ch. 8 – Bitmap Representation of Images Ch. 9 – Boolean Algebra(Cont...) Ch. 10 – Software & Languages(Cont...) Ch. 11 – Programming in C(Cont....)	Data,Information Resolution,bitmap Two-level,combinational circuit Booting, DOS, Windows, UNIX Loops, Conditions, Switch	Questions from Data Information & Data Processing, Bitmap Representation of Images, Software & Languages.	Discussion on making of Lab Copy and Project File. Project and Lab copy Reviewing and submission. Question Pattern would be discussed in Class.

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Submitted Date: ...27/1/18............

Signature of Teacher: ....

PRINCIPAL.

Academic Co-ordinator: ....

VICE PRINCIPAL

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2018   TERM: .II   TEACHER`S NAME: .PRITHWISH DE

No. of working days:- 68   No. of periods available: .62   Subject: COMPUTER SCIENCE   CLASS: 11   SECTION: A1 , A2

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	18	Ch. 11 – Programming in C(Cont...) Ch. 12 - Practicals	Control Structures, Functions	Problems in C programming, windows, DOS	Project and Lab copy Reviewing and submission. Question solving on C, DOS in practical Classes
OCTOBER	10	Ch. 11 – Programming in C(Cont...) Ch. 12 - Practicals	Array, Structure, Pointers and Strings	Questions from Array, pointer and string	Selective Questions from array, pointer and string 10th October – Last Day of Project Submission
NOVEMBER	19	Ch. 11 – Programming in C(Cont...) Ch. 12 - Practicals	Programming in C, Solving Test Papers	Solving Test Paper	Solving Test Paper
DECEMBER	09	Revision	Revision	Revision	Revision

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Submitted Date: ....27/1/18...............

Signature of Teacher: ....

Academic Co-ordinator: ....

PRINCIPAL.

VICE PRINCIPAL

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Syllabus Planner for the year 2019   TERM: .II   TEACHER`S NAME: .PRITHWISH DE

No. of working days:- 68   No. of periods available: .62   Subject: COMPUTER SCIENCE   CLASS: 11   SECTION: A1 , A2

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	21	Revision	Revision	Revision	Revision
FEBRUARY			PRE-ANNUAL EXAM BEGINS		

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Submitted Date: ..27/1/18:...............

Signature of Teacher: ....

Academic Co-ordinator: ....

PRINCIPAL.

VICE PRINCIPAL