MRS. KMPM VOCATIONAL COLLEGE JAMSHEDPUR

PROGRAM OUTCOMES (PO) AND COURSE OUTCOMES (CO)

BACHOLAR OF COMPUTER APPLICATION (BCA) PROGRAM

Program Outcomes:

1. Software developer

2. Database Programmer

3. Computer operator

4. Web developer

5. Network Engineer

6. Database Administrator

7. Data Scientist

Program Specific Outcomes:

1. C, C++ & JAVA languages (Students are able to write programs in these languages)

2. Operating system (Students can know about the operating system & can use various applications of it).

3. Software Engineering (students can develop the skills necessary to handle software projects).

4. Relational Database Management (To create and manage the database)

5. Fundamental of computer science & Digital Electronics (Students awareness about hardware and software)

6. Web Technology (Students will be able to write the programs for web site)

Skill to be developed:

➢ Understand the Fundamentals of Programming, Algorithm Design, Coding, Debugging & Testing.

➢ Understand the Architecture, Digital Logic, Operating Systems, Computer Networks, Software and Hardware of Computer System.

Employability:

Software Developers, System Programmers, Data Scientist, Cyber Security Personal, IT Consultant, Network Engineers, New Startups etc.

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BISTUPUR, JAMSHEDPUR

COURSE OUTCOME

SEMESTER- 1

SL NO.	PAPER	PAPER CODE	COURSE OUTCOMES
01	Problem Solving and Programming with C	MJ-1	The students will be able to write programs for different applications using C language.
02	Fundamentals of Computer Science	MN-1A	The students will be able to know about the various devices, their workings of computers.

SEMESTER- 2

SL NO.	PAPER	PAPER CODE	COURSE OUTCOMES
01	Object Oriented Programming with C++	MJ–2	The students will be able to learn basic concepts of OOPS & creation of basic & oops related C++ programs.
02	Data Structures using C++	MJ–3	The students will be able to know details about the Data Structure, their applications, advantages and limitations of various data structures, real life use and implementation of various data structures.
03	Entrepreneurship Development	MN-2A	Students will be able to learn the entrepreneurial cultural and industrial growth so as to prepare themselves to set up and manage their own small units

SEMESTER- 3

SL NO.	PAPER	PAPER CODE	COURSE OUTCOMES
01	Relational Data Base Management System	MJ–4	The students will be able to know models of RDBMS and also will be able to learn to create, update, administer and interact with a relational database.
02	Java Programming Language-I	MJ–5	The students will be able to learn basic concepts of OOPS & creation of basic oops related Java programs.

SEMESTER- 4

SL NO.	PAPER	PAPER CODE	COURSE OUTCOMES
01	Java Programming Language-II	MJ–6	The students will be able to improve their OOPS programming skills in core Java, use of packages, applets for software development.
02	Operating System Concepts	MJ–7	The students are able to know about the functionality of operating system and principle behind the operation of system & their uses.
03	Software Engineering	MJ–8	Students will be able to design software by applying the software engineering principles.
04	Web Technology	MN-2B	Students will be able to learn about basics of web programming using HTML, Java Script, XML for scripting & Making static and dynamic websites.

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