**Govt. College,Jind**

**Dept. of Computer Science**

**Vision**

Department of Computer Science to be a leading world class technology department playing its role as a key node in national and global knowledge network thus empowering the computer science industry with the wings of knowledge and power of innovation

**Mission**

The mission of the department is as following:-

1. To nurture talent of students for innovation and excellence in the field of computer science

from level.

2. To develop highly analytical and qualified student by imparting training on cutting edge

technology.

3. To produce socially sensitive student with professional ethics.

4. To produce well- rounded, updated scientifically ,tempered ,design oriented student capable of life long learning.

**Programme Offered & duration**

* Compulsory Subject in B.A. ,B.A. (Geo) Hons,,B.A. (Eng) Hons. Ist year : 1 year
* Compulsory Subject in B.Sc. I (Non-Medical, Medical, Bio Tech, Computer Science): 1 year
* BCA pass course :-3 years
* PGDCA Deploma : 1 year
* BSc. Non Medical with Computer Science: 3 years

**Program Outcomes of BCA : Seat 60**

**PO 1 :** Develop programming skills, networking skills, learn applications, packages, programming languages and modern techniques of IT

.**PO 2** :Enabled students to develop problem solving competence while using computer

**PO 3**: Start from the basics and in every semester learns each and everything about computers.

**PO 4**: Inculcated various software development practices not only about computer and information technology but also in common, organization and managementHTML, SQL, etc..

**PO 5**: Developed the skills necessary in career of Computer Applications

# COURSE OUTCOME SPECIFICATION Of BCA

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| Sno. | Class | Subject | Course Outcome |
| **1** | **BCA Ist Sem.** | **Computer Fundamental** | COS1 :-Give the knowledge of fundamental concepts of computers . **COS 2**:- Familiarize operating systems, programming languages,    **COS 3:**-Impart knowledge of various peripheral devices, networking and Multimedia. |
| **2** | **BCA Ist Sem.** | **Office automation tool** | Co1. Understand the important Application softwares used in office automation.  Co 2. Provide the concepts word processing software for document writing.  Co3. Provide internet, multimedia and animation concepts. |
| **3** | **BCA Ist Sem.** | **Programming with C** | **COS 1**: Provide the students with a foundation in computer programming.  **COS 2**: Develop the basic programming skills in students.  **COS 3**: Applying the basic knowledge of programming to solve problems. |
| **4** | **BCA Ist Sem.** | **Digital Electronics** | COS 1:- Convert different type of codes and number systems which are used in digital communication  and computer systems.  COS 2:- Employ the codes and number systems converting circuits and Compare different types of logic families which are the basic unit of different types of logic gates in the domain of economy, performance and efficiency.  COS 3:- Analyze different types of digital electronic circuit using various mapping and logical tools  . |
| **5** | **BCA Ist Sem.** | **Technical communication skill** | COS 1: Research Skills (using primary and library research to discover and employ  information)  COS 2: Correspondence Skills (learning the generic conventions of each)  COS 3: Promotional Writing Skills (may or may not use primary research; to  disseminate information; to inform and persuade public audiences that organizations  communicate with) |
| **6** | **BCA Ist Sem.** | **MIS** | COS 1: Understand the leadership role of Management Information Systems in achieving  business competitive advantage through informed decision making.  COS 2: Analyze and synthesize business information and systems to facilitate evaluation of  strategic alternatives.  COS: 3. Effectively communicate strategic alternatives to facilitate decision making. |
| **7** | **Software Lab-1 , Lab -2** | **C language, office automation tool** | Practical implementation |
| **Sr.no** | Class | Subject | Course Outcome |
| **1** | **BCA IInd sem** | **Data structure using C** | **COS 1:**Introduce the fundamentals of Data structures.  **COS 2**: Get familiar with Arrays, String and various searching techniques.  **COS 3**: Know about stack, queue and linked lists.  **COS 4**: Understand the advanced data structures Tree and Graph. |
| **2** | **BCA IInd sem** | **Computer Organization** | COS1: (i) given an introduction to digital computer and their fundamental  architectures.  (ii) Able to define the function units of computer architecture  COS2: (i) Input and Output peripheral devices and their communication  with the rest of the computer components.  (ii)Able to find the various instruction type and addressing modes used for  programming  COS3: (i) Functionalities and organization of processor units and their  types.  (ii) Able to understand the basic programming unit and execution of  instruction |
| **3** | **BCA IInd sem** | **Software Engineering** | **COS 1:** Know develop the software project  **COS 2:** Learn developing methodology of software project  **COS 3:** Understand tools and techniques of software engineering **COS 4:** Verify and validate the problem of software programming **COS 5**: Maintain the quality of software project |
| **4** | **BCA IInd sem** | **DBMS** | **COS 1**:Give introduction about DBMS, data models, E-R diagram,Normalization, relational database and benefits of database.  **COS 2**: Able to design a good database using normalization, decomposition and functional dependency  **COS 3**: Understand the concepts of database architecture, client server architecture, parallelism concepts and distributed database concepts |
| **5** | **BCA IInd sem** | **Discrete Mathematics** | **COS1:-**Mathematical reasoning: Students are expected to use use mathematicalreasoning in order to read, comprehend, and construct mathematical arguments. Students will learn basic concepts of mathematical logic and proof.  **COS 2:-**Combinatorial analysis: Students will count or enumerate objects and perform combinatorial analysis.  **COS 3:-**Discrete structures: Students will learn the basic concepts of sets, permutations, relations, graphs, trees and finite state machines. Students will represent discrete objects and relationships using abstract mathematical structures. |
| **6** | **BCA IInd sem** | **Modelling and Simulation** | * COS 1- Define basic concepts in **modeling and simulation** (M&S) * CO2.Classify various **simulation models** and give practical examples for each category. * CO3.Construct a **model** for a given set of data and motivate its validity. |
| **7** | **BCA IInd sem** | **Software Lab-1, Lab-2** | **Related to DBMS & C Language** |
| **8** | **BCA IInd sem** | **Student Seminar** | **Powerpoint Presentation and Explanation** |

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| **Sr.no** | Class | Subject | Course Outcome |
| **1** | **BCA III rd sem** | **OOP using C++** | **COS 1:** Understand the cocept of object oriented programming language approach.  **COS 2:**  Able to explain the difference between object oriented programming and procedural programming  COS 3:Analyze the concept of classes and object, array, functions, constructor and destructor  **COS 3:** Understand the concept of inheritance and classification, pointers virtual function and polymorphism |
|  | **BCA III rd sem** | **Computer Oriented Numerical Methods** | * Apply Mathematical Modeling and for Engineering Problem Solving. * Solve Mathematical Equations by various methods. * Solve system of linear equations. * Find Best Curve fitting for given data. |
|  | **BCA III rd sem** | **Web Designing** | Co1. Understand the concept of designing a Web site.  Co2 Know about basics of Internet and HTML, DHTML.  Co3. Acquire the knowledge of Java Script and XML. |
|  | **BCA III rd sem** | **Operating System** | COS 1: understand the design and functionality of Operating System.  COS 2: To know about Process management and concurrent processes..  COS 3: To acquire the knowledge of Memory management.  . |
|  | **BCA III rd sem** | **Computer oriented optimization techinques** | COS 1: Understand various Optimization Techniques in Operations Research.  COS 2: Know about the concept of Liners Programming and Assignment problems.  COS 3: To acquire the knowledge of Transportation and PERT, CPM and Goal Programming. |
|  | **BCA III rd sem** | INFORMATION SECURITY | COS 1: Understand Basic Encryption and Decryption Techniques in Information Security.  COS 2: Know about the concept of Arithmetic Operations and Theorems.  COS 3: To acquire the knowledge of DES, RSA and Merkle Hellman Knapsacks Encryption Systems. |
|  | **BCA III rd sem** | **Software Lab- 5,Lab-6** | Practicals related to WD & C++ |
|  | **BCA III rd sem** | **Student seminar** | Power point presentation & Explanation |

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| **Sr.no** | Class | Subject | Course Outcome |
| **1** | **BCA IVth sem** | **Programming with java** | **COS 1**: Understand the basic oops concept .Java evaluation and implementation overview of java  **COS 2**: Know operators and expressions, decision making and branching, Decision making and looping  **COS 3**: Able to understand classes and methods, array strings and vectors, interface concept instead of multiple inheritances |
| **2** | **BCA IVth sem** | **Computer oriented statistical method** | CO1. Recognize the error in the number generated by the solution. CO2. Compute solution of algebraic and transcendental equation by numerical methods like Bisection method and Newton Rapshon method.  CO3. Apply method of interpolation and extrapolation for prediction. |
| **3** | **BCA IVth sem** | **Computer Network** | COS1. Develop an understanding of computer networking basics.  COS2. Develop an understanding of different components of computer  networks, various protocols, modern technologies and their applications.  COS3. Recognize the technological trends of Computer Networking.  . |
| **4** | **BCA IVth sem** | **Client side Scripting** | **COS 1**: Understand the concept of Client Side Scripting.  **COS 2**: Get familiar with basic Java Script techniques.  **COS 3**: Understand the functions and programming constructs of Java Script. |
| **5** | **BCA IVth sem** | **Internet Techonoliges** | 1 Apply the Set theory and Relation concepts.  2 Apply the Functions and define the recursive functions.  3 Apply Laplace transform to different applications |
| **6** | **BCA IVth sem** | **AI** | COS 1: Search Idealization Find appropriate idealizations for converting real world problems into  AI search  COS 2 Search Formalization  COS 3: Understand tools and searching techniques |
| **7** | **BCA IVth sem** | **LAB-1, LAB-2** | Practical |
| **8** | **BCA IVth sem** | **Seminar** | Presentation & Explanation |

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| **Sr.no** | **Class** | **Subject** | **Course Outcome** |
| **1** | **BCA Vth sem** | **Web Designing Fundamentals** | CO: 1. To understand the concept of designing a Web site.  CO: 2. To know about basics of Internet and HTML, DHTML.  CO: 3 To acquire the knowledge of Java Script and XML. |
| **2** | **BCA Vth sem** | **Operating System** | COS 1: understand the design and functionality of Operating System.  COS 2: To know about Process management and concurrent processes..  COS 3: To acquire the knowledge of Memory management. |
| **3** | **BCA Vth sem** | **Computer network** | Co: 1. To develop an understanding of computer networking basics.  CO: 2. To develop an understanding of different components  of computer networks,  CO: 3 To understand various protocols, modern technologies and  their applications. |
| **4** | **BCA Vth sem** | **Programming using VB** | **COS 1:** know the working environment of visual basics using a control structure  **COS 2**: Understand the module, components and menu editor and its concept in a simple manner  **COS 3**: Analyze a controls such text box, rich text box and etc…write coding easily |

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| **Sr.no** | **Class** | **Subject** | **Course Outcome** |
| **1** | **BCA VIth sem** | **WD using advance tool** | CO: 1. To understand the concept of designing a Web site.  CO: 2. To know about basics of Internet and HTML, DHTML.  CO: 3 To acquire the knowledge of Java Script and XML.  CO: 4 To Start our own business. |
| **2** | **BCA VIth sem** | **Operating System** | COS 1: understand the design and functionality of Operating System.  COS 2: To know about Process management and concurrent processes..  COS 3: To acquire the knowledge of Memory management. |
| **3** | **BCA VIth sem** | **Computer Graphics** | COS 1:- Understand basic concepts in pattern recognition  COS 2:- Formulate and describe various applications in pattern recognition  COS 3:- Gain knowledge about state-of-the-art algorithms used in pattern recognition research |
| **4** | **BCA VIth sem** | **Internet Techonologes** | **COS 1:** Know the basic of network, network type’s reference model and layers in network  **COS 2:** Understand the routing algorithm and protocols that are used in network communication  **COS 3:** Learn the different types of protocols such as RPP, DHCP, ARP, |
| **5** | **BCA VIth sem** | **Advance programming using VB** | **COS 1:** know the working environment of visual basics using a control structure  **COS 2**: Understand the module, components and menu editor and its concept in a simple manner  **COS 3**: Analyze a controls such text box, rich text box and etc…write coding easily  **COS 4**: develop the project with database using ODBC, DAO, ADO and visual data manager |
| **6** | **BCA VIth sem** | **Programing using JAVA** | **COS 1**: Understand the basic oops concept .Java evaluation and implementation overview of java  **COS 2**: Know operators and expressions, decision making and branching, Decision making and looping  **COS 3**: Able to understand classes and methods, array strings and vectors, interface concept instead of multiple inheritances |
| **7** | **BCA VIth sem** | **Lab-1, Lab-2** | **Practical** |

**Program Outcome-“PGDCA” :- 60**

PO 1: Develop programming skills, networking skills, learn applications,

packages, programming languages and modern techniques of IT

PO 2: Enabled students to develop problem solving competence while

using computer

PO 3: Start from the basics and in every semester learns each and

everything about computers.

PO 4: Inculcated various software development practices not only about

computer and information technology but also in common, organization and

management HTML, SQL, etc..

PO 5: Developed the skills necessary in career of Computer Applications

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| **Sr.no** | **Class** | **Subject** | **Course Outcome** |
| **1** | **PGDCA** | Computer Fundamentals | COS1 :-Give the knowledge of fundamental concepts of computers . **COS 2**:- Familiarize operating systems, programming languages,    **COS 3:**-Impart knowledge of various peripheral devices, networking and Multimedia.    **COS 4:** Understand the different types of Memory and computer Languages |
| **2** | **PGDCA** | PC Softwares | Co1. Understand the important Application softwares used in office automation.  Co 2. Provide the concepts word processing software for document writing.  Co3. Provide internet, multimedia and animation concepts. |
| **3** | **PGDCA** | Data Base Management  System | **COS 1**:Give introduction about DBMS, data models, E-R diagram,Normalization, relational database and benefits of database.  **COS 2**: Able to design a good database using normalization, decomposition and functional dependency  **COS 3**: Understand the concepts of database architecture, client server architecture, parallelism concepts and distributed database concepts  **COS 4**: Learn about indexes, sequences, data integrity, creating and maintaining tables and user privileges |
| **4** | **PGDCA** | Programming through C | **COS 1**: Provide the students with a foundation in computer programming.  **COS 2**: Develop the basic programming skills in students.  **COS 3**: Applying the basic knowledge of programming to solve problems.  function and recursion, structures and unions |
| **5** | **PGDCA** | Software Engineering | **COS 1:** Know develop the software project  **COS 2:** Learn developing methodology of software project  **COS 3:** Understand tools and techniques of software engineering **COS 4:** Verify and validate the problem of software programming **COS 5**: Maintain the quality of software project |
| **6** | **PGDCA** | Software Lab – I | **Practical** |
| **7** | **PGDCA** | Software Lab - II | **Practical** |

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| **Sr.no** | **Class** | **Subject** | **Course Outcome** |
| 1 | PGDCA | Advanced C | COS 1: Learn the basic and introduction of computer, structure of c and  control structure  COS 2: Know arrays, arrays types, string handling functions  COS 3: Understand user defined functions, categories of function and  recursion, structures and unions |
| 2 | PGDCA | Operating System | COS 1: understand the design and functionality of Operating System.  COS 2: To know about Process management and concurrent processes..  COS 3: To acquire the knowledge of Memory management.  COS 4: To provide the idea of various Disk scheduling techniques and Security. |
| 3 | PGDCA | Web Designing | CO: 1. To understand the concept of designing a Web site.  CO: 2. To know about basics of Internet and HTML, DHTML.  CO: 3 To acquire the knowledge of Java Script and XML.  CO: 4 To Start our own business. |
| **4** | **PGDCA** | Digital Electronics | * explains positive and negative logic states,TTL,MOS and CMOS integrated circuıts properties * explains number systems and convert number systems. * explains logical AND,OR,NOT,NAND,NOR,EX-OR,EX-NOR functions can show the simplification of logical statements |
| **5** | **PGDCA** | Data Communication and  Computer Networks | 1. Describe the basis and structure of an abstract layered protocol model  2. Independently understand basic computer network technology. 3. Identify the different types of network topologies and protocols. 4. Enumerate the layers of the OSI model and TCP/IP. Explain the function(s) of each layer. |
| **6** | **PGDCA** | Software Lab,Lab 2 – III | **Practical** |

**Course Outcome of B.sc Non-Med with Computer Science : 60**

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| **Sr.no** | **Class** | **Subject** | **Course Outcome** |
| 1 | B.sc Ist Sem. | Computer fundamental | COS 1: -Give the knowledge of fundamental concepts of computers .  COS 2:- Familiarize operating systems, programming languages,  COS 3:-Impart knowledge of various peripheral devices, networking and  Multimedia.  COS 4: Understand the different types of Memory and computer Languages |
| 2 | B.sc Ist Sem. | PC software | Co1. Understand the important Application softwares used in office  automation.  Co 2. Provide the concepts word processing software for document writing.  Co3. Provide internet, multimedia and animation concepts.  Co4. Get familiar with Windows Operating System. |
| 3 | B.sc Ist Sem. | Lab-1,Lab-2 | Windows and Office Practical |

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| **Sr.no** | **Class** | **Subject** | **Course Outcome** |
| **1** | B.sc IInd Sem. | Logical organisation | COS 1:- Convert different type of codes and number systems which are used in digital communication  and computer systems.  COS 2:- Employ the codes and number systems converting circuits and Compare different types of  logic families which are the basic unit of different types of logic gates in the domain of economy,  performance and efficiency.  COS 3:- Analyze different types of digital electronic circuit using various mapping and logical tools  and know the techniques to prepare the most simplified circuit using various mapping and  mathematical methods. |
| **2** | **B.sc IInd Sem.** | **Programming in C** | COS 1:- Able to implement the algorithms and draw flowcharts for solving Mathematical and Engineering  problems.  COS 2:- Demonstrate an understanding of computer programming language concepts.  COS 3:- To be able to develop C programs on linux platform.  COS 4:- Ability to design and develop Computer programs, analyzes, and interprets the concept of  pointers, declarations, initialization, operations on pointers and their usage. |
| **3** | **B.sc IInd Sem.** | **Lab-1,Lab-2** | Practical related to programming |

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| **Sr.no** | **Class** | **Subject** | **Course Outcome** |
| 1 | B.sc IIIrd Sem. | Software Engineering | C1. Understand the concept of Software Engineering and Requirement  Specification.  Co2. Know how to plan and design a software project.  Co3. Get familiar with coding, testing and maintenance of the software. |
| 2 | B.sc IIIrd Sem. | Data Structure | COS1 :Ability to analyze algorithms and algorithm correctness.  COS2 :Ability to summarize searching and sorting techniques  COS3 :Ability to describe stack,queue and linked list operation. |
| 3 | B.sc IIIrd Sem. | Lab 1, Lab2 | Practical |

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| Sr.no | Class | Subject | Course Outcome |
| 1 | B.sc IV Sem. | Opreating System | COS 1: understand the design and functionality of Operating System.  COS 2: To know about Process management and concurrent processes..  COS 3: To acquire the knowledge of Memory management. |
| 2 | B.sc IV Sem. | C++ | COS 1: Understand the cocept of object oriented programming language approach.  COS 2: Able to explain the difference between object oriented programming and procedural programming  COS 3:Analyze the concept of classes and object, array, functions, constructor and destructor |
| 3 | B.sc IV Sem. | Lab-1,Lab-2 | Practical |

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| Sr.no | Class | Subject | Course Outcome |
| 1 | B.sc V Sem. | DBMS | COS 1:- Describe the fundamental elements of relational database management systems  COS 2:- Explain the basic concepts of relational data model, entity-relationship model, relational database  design, relational algebra and SQL.  COS 3:- Design ER-models to represent simple database application scenarios |
| 2 | B.sc V Sem. | WEB Designing | COS 1:- Differentiate how various web markups and languages work together to create graphic and  interactive web page elements. COS 2:- Devise multiple solutions to web development problems and  analyze the advantages and disadvantages of each.  COS 3:- Analyze the differences and similarities between print design and web design. |
| 3 | B.sc V Sem. | Lab-1,Lab-2 | Practical |

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| Sr.no | Class | Subject | Course Outcome |
| 1 | B.sc VI Sem. | RDBMS | COS 1:- Describe the fundamental elements of relational database management systems  COS 2:- Explain the basic concepts of relational data model, entity-relationship model, relational database  design, relational algebra and SQL.  COS 3:- Design ER-models to represent simple database application scenarios  COS 4:- Convert the ER-model to relational tables, populate relational database and formulate SQL  queries on data. |
| 2 | B.sc VI Sem. | Computer Network | COS 1:- Understand and explain the concept of Data Communication and networks, layered  Architecture and their applications.  COS 2:- Analyse and Set up protocol designing issues for Communication networks.  COS 3:- Evaluate data communication link considering elementary concepts of data link layer protocols  for error detection and correction. |
| 3 | B.sc VI Sem. | Lab-1,Lab-2 | Practical |

**Teacher’s Profile**

**Ms. Seema Rani**

* **Designation:** **: Assistant Professor**
* **Qualifications-** **MCA, M.Phil , pursuing Ph.D**
* **Experience:** **12 years.**
* **Head of the Department**
* ***Nodal Officer Online Admission.***
* ***Convener Video Conferencing Room.***
* ***Nodal Officer Biometric Attendance System.***
* ***Incharge of HRMS***
* ***Member of Board of Studies of CRS University***
* ***Published 3 Research Papers.***
* ***Presented 8 Research Papers in Seminars/ Conferences.***

***Attended 10 Trainings/STC/RC/OC Programmes***

**Ms. Suman**

**Designation: Assistant Professor**

**Qualification: MCA, M.Phil , pursuing Ph.D**

**Specialization: C++ lang, Database.**

**Experience: 12 years.**

* ***Presented 4 Research Papers in Seminars/ Conferences.***
* ***Attended 6 Trainings/STC/RC/OC Programmes.***
* ***Members of different Committees:*** 
  + ***Convener Learning Management System.***
  + ***Member of Women Cell of College.***
  + ***Member of Youth & Cultural Committee.***
  + ***Member of Photography Committee.***
  + ***Convener of Write Off of IT items Committee.***

**Ms. Pushpa Rani**

**Designation: Assistant Professor**

**Qualification: MCA, M.Phil , pursuing Ph.D**

**Specialization: Operating System.**

**Experience: 12 years.**

* ***Presented 3 Research Papers in Seminars/ Conferences.***
* ***Attended 4 Trainings/FDP/RC/OC Programmes.***

***Members of different Committees:***

* + ***Nodal Officer of AISHE.***
  + ***Member of AQAR (NAAC).***
  + ***Convener of Absentee Committee.***
  + ***Member of ITI Apprenticeship Committee.***
  + ***Member of Smart Class Committee.***
  + ***Nodal Officer of Online ACR.***

**Ms. Anjana Dhawan**

**Designation: Assistant Professor**

**Qualification: MCA, M.Phil , pursuing Ph.D**

**Specialization: C lang, Database.**

**Experience: 12 years.**

* ***Presented 3 Research Papers in Seminars/ Conferences.***
* ***Attended 4 Trainings/FDP/RC/OC Programmes.***
* ***Members of different Committees:*** 
  + ***Consignee of Library.***
  + ***Member of GeM (Government e-Marketplace).***
  + ***Member of Purchase Committee.***
  + ***Member of Write Off of IT Items Committee.***
  + ***Member of Red Ribbon Club.***

**Ms. Sonia**

**Designation: Assistant Professor**

**Qualification: B.Tech., M.Tech. , NET, pursuing Ph. D**

**Specialization: Operating System.**

**Experience: 6 years.**

***Published a book titled ‘Logical Organisation of Computer’.***

* ***Published 5 Research Paper in International Journals.***
* ***Presented 3 Research Papers in National Seminars.***

***Attended 14 OC/FDP/International/National Seminars/Conferences/Webinars***

* ***Members of different Committees:*** 
  + ***Incharge of MIS.***
  + ***Member of Invitation Committee.***
  + ***Member of ‘Earn While You Learn’ Committee.***
  + ***Member of Refreshment Committee.***
  + ***Member of Purchase Committee.***

**Ms. Monika Singla**

**Designation: Assistant Professor**

**Qualification: B.Tech., M.Tech., NET**

**Specialization: Information Security.**

**Experience: 5 Months.**

* ***Presented 1 Research Papers in National Conference.***
* ***Attended 3 Training/Webinar Programmes.***
* ***Members of different Committees:*** 
  + ***Convener of Website and Social-Media Maintenance Committee.***
  + ***Member of Women Cell of College.***
  + ***Member of Purchase Committee.***
  + ***Member of Write Off of IT Items Committee.***

**Ms. Annu**

**Designation: Assistant Professor**

**Qualification: B.Tech., M.Tech., NET**

**(On Maternity Leave)**

**Experience: 3 year.**

* ***Published 3 Research Papers in International Journals.***
* ***Published 3 Research Papers in Seminars.***

**Mr. Manoj Chahal**

**Designation: Extension Lecturer**

**Qualification: B.E., M.Tech., NET**

**Specialization: Algorithm, Data Structure, Computer Network.**

**Experience: 5 years.**

* ***Members of different Committees:*** 
  + ***Member of LMS (Learning Management System).***

**Dr. Kamlesh**

**Designation: Extension Lecturer**

**Qualification: MCA, M.Phil , Ph.D**

**Specialization: Software Engg.**

**Experience: 9 years.**

* ***Presented 7 Research Papers in Seminars/Conferences.***
* ***Published 6 Research Papers.***
* ***Attended 2 Training Programs.***
* ***Members of different Committees:*** 
  + ***Member of Website and Social Media Maintenance Committee.***

***Ms. Poonam***

***Designation: Extension Lecturer***

***Qualification: MCA, M.Tech., NET***

***Specialization: Compiler Design, TOC***

***Experience: 8 years.***

* ***Members of different Committees:*** 
  + ***Member of UG/PG admission Committee.***
  + ***University/ Home Exam(Technical Support).***
  + ***Mentor of MA English 1st yr.***

***Ms. Sharmila Devi***

***Designation: Extension Lecturer***

***Qualification: B.Tech., M.Tech., NET, pursuing Ph. D.***

***(On Maternity Leave)***

***Experience: 4 years.***

***Published 2 Research Papers in International/National Journals.***

* ***Presented 1 Poster in National seminar.***

***Mr. Vijay***

***Designation: Computer Instructor***

***Qualification: M.Sc.***

***Experience: 10 years.***

* ***Member of different Committees:*** 
  + ***Incharge of Display Screen.***
  + ***Incharge of CCTV Footage.***
  + ***Incharge of Online Pension (Revision).***
  + ***Member of CM Window Grievances.***
  + ***Member of Online Admission.***
  + ***Member of NAAC.***
  + ***Member of AQAC.***
  + ***Member of Online Legacy System.***

***Ms. Monika***

***Designation: Computer Attendant***

***Qualification: BIM, MCA.***

***Experience: 7 years.***

* ***Member of different Committees:*** 
  + ***LMS (Learning Management System).***
  + ***MIS.***
  + ***Video Conferencing.***
  + ***Bus Pass.***
  + ***Biometric Attendance System.***