# ALLOTMENT OF TOPICS FOR TERM PAPER WRITING

**Course:** BCA

**Year: 2ⁿᵈ**                                                            **Semester: 3ʳᵈ**

**Group:** BCA-32

| S. No. | University Roll No. | Name of Students | | Topics Allotted |
|---|---|---|---|---|
| 1 | 16065106016 | Anuroop Noel Lyall | Topic-1 | Effect of poverty on economic growth and development. |
| | | | Topic-2 | Study of various concept of Object-Oriented Programming |
| 2 | 16065106039 | Prince Kumar | Topic-1 | Concept and difference between Permutation and Combination. |
| | | | Topic-2 | A technical note on several sorting techniques available in C++. |
| 3 | 16065106045 | Sandeep Kr Bhandary | Topic-1 | An unstructured programming approach to Data organization |
| | | | Topic-2 | Scope of SQC in daily life. |
| 4 | 1720401061 | Prashant Tiwari | Topic-1 | Overview of Input-Output programming in Microprocessor |
| | | | Topic-2 | International trade as a catalyst for economic growth in India. |
| 5 | 1720401062 | Priyansh Chaurasia | Topic-1 | Scope of various types of Buses in Intel 8085 microprocessors. |
| | | | Topic-2 | The role of small scale Industries in the economic development of India. |
| 6 | 1720401063 | Puneet Prakash Srivastava | Topic-1 | Role of financial development in the economic growth and development. |
| | | | Topic-2 | Comprehensive study between Mean chart and Range chart. |
| 7 | 1720401064 | Ragini Srivastava | Topic-1 | Best sorting Algorithm for nearly sorted lists |
| | | | Topic-2 | The effect of external debt on the growth of the economy. |
| 8 | 1720401065 | Ravi Singh Pal | Topic-1 | Height Balancing a binary search tree |
| | | | Topic-2 | Role of central bank of India in prevention of bank failure/distress. |
| 9 | 1720401066 | Richa Agarwal | Topic-1 | Advantage of Classification and Tabulation over Distribution. |
| | | | Topic-2 | Working with dynamic typing & static typing in C++ |
| 10 | 1720401067 | Rishabh Mishra | Topic-1 | Exchange rate regimes and inflation persistence in India. |
| | | | Topic-2 | Concept of conditional Probability. |

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| 11 | 1720401068 | Rishimaan Shukla | Topic-1 | Comprehensive study between Variance and Standard Deviation. |
| | | | Topic-2 | Application of Generic classes in Object Oriented Approach. |
| 12 | 1720401069 | Sakshi Shukla | Topic-1 | Reducing the Branch Penalty in Pipeline processors |
| | | | Topic-2 | An impact of B-Tree in data structure |
| 13 | 1720401070 | Sameer Kumar Pandey | Topic-1 | The Role of Non-Oil Export in the Economic Growth of India. |
| | | | Topic-2 | A review on Static Class members and this pointer |
| 14 | 1720401071 | Satya Prakash Tiwari | Topic-1 | Concepts and evolution of Computer Architecture |
| | | | Topic-2 | An efficient dissimilarity of Radix sort |
| 15 | 1720401072 | Satyam Soni | Topic-1 | Classical & Empirical approaches of Probability. |
| | | | Topic-2 | A technical note on Operator Overloading and Function Overloading through Object Oriented approach. |
| 16 | 1720401073 | Shikher Srivastava | Topic-1 | The Impact of Exchange Rate, Policy and Management on the Economic Growth of India. |
| | | | Topic-2 | Study of Special Member Functions in Object Oriented techniques. |
| 17 | 1720401074 | Shivam Mihir | Topic-1 | Empirical evaluation of some features instruction set processor architecture |
| | | | Topic-2 | Typical binary search lengths for thick unordered lists |
| 18 | 1720401075 | Shivani Yadav | Topic-1 | Economical Solution of Cache Coherence Problem |
| | | | Topic-2 | Optimum binary search trees with controlled minimal path |
| 19 | 1720401076 | Shobhan Devesh | Topic-1 | Feasibility study of Input-Output Processor (IOP) |
| | | | Topic-2 | The optimistic search Algorithm : Linear search |
| 20 | 1720401077 | Shreyansh Srivastava | Topic-1 | Impact of various page replacement policy in microprocessor |
| | | | Topic-2 | A relative study of structured Programming and Object Oriented Programming |
| 21 | 1720401078 | Shubham Bhagat | Topic-1 | Advantages of tabulation in Statistics. |
| | | | Topic-2 | Analysis of various Object-Oriented Testing Techniques |
| 22 | 1720401079 | Shubham Joshi | Topic-1 | Super pipeline approach to the MIPS Architecture |
| | | | Topic-2 | A relative study on Data and Functional decomposition |
| 23 | 1720401080 | Shubhankar Dwivedi | Topic-1 | Architecture and Systems of High performance cluster computing |
| | | | Topic-2 | A well-organized utilization of Quick sort |
| 24 | 1720401081 | Sonika Sharan | Topic-1 | Analysis of architecture and design of mainframes |
| | | | Topic-2 | Overview of Expectation handling in C++ |

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| 25 | 1720401082 | Soumya Singh | Topic-1 | An introduction and view point of microprogramming |
| | | | Topic-2 | A technical note on several Object Oriented Designing Techniques |
| 26 | 1720401083 | Sparsh Shukla | Topic-1 | RISC microprocessors and Scientific computing proceedings super computing |
| | | | Topic-2 | Working with Sequential & Random files using C++ |
| 27 | 1720401084 | Sunny Kumar Saini | Topic-1 | Complexities of different searching techniques |
| | | | Topic-2 | Fundamental Principle of Addition & Multiplication. |
| 28 | 1720401085 | Triguna Sarkar | Topic-1 | Study of various DMA Controller functions |
| | | | Topic-2 | Classification and structured systems |
| 29 | 1720401086 | Uddeshya Gupta | Topic-1 | Bush structures for set manipulation problems |
| | | | Topic-2 | Role of tabulation in statistics. |
| 30 | 1720401087 | Ujjwal Sharma | Topic-1 | Analysis of architecture of pipelined computers |
| | | | Topic-2 | A technical note on benefits and limitations Red-Black Tree |
| 31 | 1720401088 | Vikash Pal | Topic-1 | Analysis of cache performance for operating systems and multiprogramming |
| | | | Topic-2 | Importance of graphical representation in statistics. |

Signature of Faculty:                                                    Signature of HOD


Object Oriented Programming Using C++ (BCA-S201T)

(Dr. Vinay Mishra)

Data Structure Using C & C++   (BCA-S202T)

(Dr. Santosh Kumar Dwivedi)

Computer Architecture & Assembly Language   (BCA-S203T)

(Mr. Rajeev Tripathi)

Business Economics (BCA-S204T)

(Ms. Kaushani Shukla)

Elements of Statistics (BCA-S205T)

(Dr. Mayank Trivedi)