

## ALLOTMENT OF TOPICS FOR TERM PAPER WRITING

Course: BCA

Year: 3<sup>rd</sup>

Semester: 5<sup>th</sup>

Group: BCA-52

S. No.	University Roll No.	Name of Students	Topics Allotted	
1	16065106030	Nikita Singh	Topic-1	List tuning advisor for Microsoft SQL server
			Topic-2	Implementation of Distance Vector Routing in the context of routing
2	16065106031	Payal Srivastava	Topic-1	Significance of flow control in data communication along with its protocol
			Topic-2	Concept and difference between Euler's method and fourth order Runge kutta method.
3	16065106032	Pooja Sen	Topic-1	Working with exception handling in Java
			Topic-2	Error control in data communication along with its protocol
4	16065106033	Pooja Yadav	Topic-1	Expenditure-Base request alteration in SQL
			Topic-2	Exploration of Various String methods in Java
5	16065106034	Pragya Shukla	Topic-1	Utility of single and multidimensional array in Java
			Topic-2	Concept of TCP timer in context of data communication
6	16065106035	Prajwal Srivastava	Topic-1	PGP architecture in context of E-mail security
			Topic-2	Role of False position method in finding the roots of any given equation.
7	16065106037	Prateek Shukla	Topic-1	Database language SQL with referential integrity enhancement
			Topic-2	Analyze the importance of finite difference operators.
8	16065106038	Pratibha Singh	Topic-1	Detailed description of OSI Protocol suite in Computer Networking
			Topic-2	Analyze the importance of numerical integration.
9	16065106040	Priyanka Srivastava	Topic-1	Independence structures of database associations
			Topic-2	Comparison of TCP/IP protocol over OSI protocol suite
10	16065106041	Rahul Kushwaha	Topic-1	Responsibility of Application Layer Protocol in OSI protocol suite
			Topic-2	Comparative study of the order of convergences of Bisection, Regula falsi methods in finding the root of any given transcendental equation.
11	16065106042	Raj Nigam	Topic-1	A survey of relational approach to database management
			Topic-2	Role of numerical differentiation in computer application.

12	16065106043	Rashi Shukla	Topic-1	Working with multi-threading in Java programs
			Topic-2	Comparison of Application Layer in TCP/IP over Application Layer in OSI protocol suite
13	16065106044	Ruchi Singh	Topic-1	A query language for the object oriented database
			Topic-2	Comparative study of Gauss Interpolation formula and sterling formula.
14	16065106046	Saurabh Kumar Tripathi	Topic-1	Centralized optimistic protocols for concurrency control
			Topic-2	Implementation of constructor overloading and method overloading in Java
15	16065106047	Shivam Sharma	Topic-1	Importance of numerical method in computer application.
			Topic-2	Examination of Queries and transaction across servers
16	16065106048	Shivam Singh	Topic-1	Comparative study of method overriding and method overloading
			Topic-2	Comparative study of Trapezoidal rule, Simpson's 1/3rd rule and Simpson's 3/8th rule in numerical integration.
17	16065106049	Shivangi Chaubey	Topic-1	Feasibility of Various Protocol of Application Layer in OSI protocol suite
			Topic-2	Contribution of Bessel's and Laplace in numerical method.
18	16065106050	Shobhit Singh	Topic-1	A integrated affiliation approach
			Topic-2	Comparative study of Lagrange's Interpolation formula and Newton's divided difference formula.
19	16065106051	Shruti Bisht	Topic-1	Implementation of abstract class and abstract methods in Java
			Topic-2	Scope of solution of differential equations by numerical method.
20	16065106053	Sudhanshu Patel	Topic-1	Red Black tree: Data structure algorithms
			Topic-2	Comparative study of Bessel's formula and Laplace Everett formula.
21	16065106055	Upendra Chaturvedi	Topic-1	A survey of Distributed transactions atomicity
			Topic-2	Responsibility of session layer in OSI protocol suite
22	16065106056	Vaishali	Topic-1	Study of input/output processing in JSP
			Topic-2	Working of presentation Layer Protocol in OSI protocol suite
23	16065106057	Vineet Sharma	Topic-1	Static issues; Synchronous Vs Asynchronous
			Topic-2	Working with session programming in JSP
24	16065106058	Vipul Goyal	Topic-1	sprinkled X-path query evaluation
			Topic-2	Study of HTML form elements

25	16065106059	Vivek Kumar Verma	Topic-1	Review of basic of HTTP Servlet & Servlet life cycle
			Topic-2	Differentiate the features of guided versus unguided media
26	15065106020	Hemant Kumar Yadav (Exempted)	Topic-1	Well-prepared request handling for multi-dimensionally tables
			Topic-2	Working with frame-set in HTML

Signature of Faculty:

Signature of HOD:

**Introduction to DBMS (BCA-S301T)**

(Dr. Santosh Kumar Dwivedi)

**Java Programming & Dynamic Webpage Design (BCA-S302T)**

(Mr. C.K. Pandey)

**Data Communication and Computer Network (BCA-S303T)**

(Mr. Shadab Ali)

**Numerical Methods (BCA-S304T)**

(Dr. Mayank Trivedi)