

Course File (January 2021)**Student Profile****BCA-III**

S No	Roll No	Reg No.	Student Name	Category	Father's Name	Contact No.
1	1101	5111-18-1476	Dimple Sharma	General	Anil Sharma	6280182514
2	1105	5111-18-1478	Gurpreet Singh	BC	Jasmail Singh	8284033046
3	1107	5111-18-1479	Mandeep Kaur	Sc	Surjeet Singh	9872839051
4	1110	5111-18-1481	Gursewak Singh	General	Pritam Singh	9876860537
5	1111	5111-18-1482	Lovely Garg	General	Seeopal	7307809066
6	1112	5111-18-1483	Khushpreet Singh	General	Mishra Singh	9056508665
7	1113	5111-18-1484	Navpreet Singh	Sc	Jagtar Singh	9872001889
8	1114	5111-18-1485	Mandeep Kaur	General	Satpal	9988294653
9	1116	5111-18-1487	Gurdeep Singh	Sc	Sukhwinder Singh	9463629137
10	1118	5111-18-1489	Shalu Goyal	General	Rajesh Kumar	9416249453
11	1119	5111-18-1490	Samandeep Kaur	General	Saun Singh	9876356965
12	1120	5111-2018-1901	Gagandeep Kaur	General	Jagjeet Singh	8146408242
13	1121	5111-18-1492	Akashdeep Singh	General	Rajpal Singh	9688400007
14	1122	5111-18-1493	Arshdeep Singh	Bc	Gurwinder Singh	9041919544
15	1125	5111-18-1496	Gurpreet Kaur	General	Gurjant Singh	9878242627
16	1126	5111-18-1497	Shiviam Singla	General	Mangat Rai	9779524891
17	1129	5111-18-1499	Gurjevan Kaur	General	Karamjeet Singh	9876821217
18	1130	5111-18-1500	Khushpreet Singh	General	Jasvir Singh	9501660783
19	1131	5111-18-1841	Ramandeep Kaur	General	Darshan Singh	9465262830
20	1132	5111-18-1842	Satwinder Singh	General	Ajaib Singh	9914032199
21	1133	5111-18-1843	Varundeep Singh	General	Balbir Singh	9592346243
22	1136	5111-18-1846	Ashish Kumar	General	Sunil Kumar	9779458657
23	1137	5111-18-1847	Rampy Kaur	Sc	Gurdas Singh	9501261257
24	1139	5111-18-1849	Rashdeep Kaur	General	Gurchet Singh	9815532676
25	1141	5111-18-1850	Payal Goyal	General	Rashpal Goyal	7986235954

26	1144	5111-18-1852	Lovepreet Singh	General	Darshan Singh	8196098934
27	1146	5111-18-1853	Lovepreet Kaur	Obc	Ramratan Singh	9464396027
28	1147	5111-18-1854	Sarbjeet Singh	Sc	Gurcharan Singh	9779225478
29	1148	5111-18-1855	Gaurav Bansal	General	Bhola Ram	9876298960
30	1149	5111-18-1856	Manpreet Kaur	Obc	Kuldeep Singh	9855911950
31	1150	5111-18-1857	Arshpreet Kaur	Obc	Bharpur Singh	9872421957
32	1151	5111-18-1858	Mamta Kaur	Sc	Bhola Singh	8146230647
33	1152	5111-18-1859	Manjinder Singh	General	Manjit Singh	7087778226
34	1153	5111-18-1869	Jasvir Kaur	General	Mejar Singh	9815454274
35	1154	5111-18-1860	Ramandeep Kaur	General	Jagseer Singh	9023589963
36	1155	5111-17-1558	Hardeep Singh Maan	General	Darshan Singh	9815656635
37	1163	5111-18-1864	Simranjot Kaur	General	Jagmel Singh	9815583375
38	1164	5111-18-1865	Jasvir Kaur	General	Darshan Singh	9417330862
39	1165	5111-18-1866	Manpreet Kaur	General	Randheer Singh	8289071913
40	1166	5111-18-1867	Sandeep Kaur	General	Supinder Singh	9464830798
41	1168	5111-18-1697	Jaspreet Kaur	General	Manjeet Singh	7526938566
42	1171	5111-18-1320	Dharmpreet Sharma	General	Lakhwinder Singh	9041541224

2.Time Table:

Time Table 2020-21						
S. No	Name	I	II	III	IV	V
1	Buta singh	MCA-1 PL	BCA-3 Web using ASP.net	BCA-3 Web lab using ASP.net	B.Voc(SD)-1 window server	B.Voc(SD)-1 window server lab

3.Syllabus

OUTLINE OF PAPERS AND TESTS

B.C.A. Third Year (6th Semester)
For 2019-20, 2020-21 & 2021-22 Sessions

Code	Title of Paper	Hours per Week	University Examination	Internal Assessment	Max. Marks	Exam. Duration Hours
BCA-321	English Literary Skills – II	4	75	25*	100	3
BCA-322	E-Commerce	4	75	25	100	3
BCA-323	Operating Systems	4	75	25	100	3
BCA-324	Software Engineering	4	75	25	100	3
BCA-325	Web Designing using ASP.NET	4	75	25	100	3
BCA-326	Software Lab – XI (More on Java based on BCA-314: Java Programming)	4	35	15	50	3
BCA-327	Software Lab – XII (based on BCA-325: Web Designing using ASP.NET)	4	35	15	50	3
BCA-328	Punjabi (Compulsory) or Punjabi Compulsory (Mudla Gyan) **	4	75	25	100	3
		Total	520	180	700	3

Note:

The break-up of marks for the practical will be as under:

- | | | |
|------|--|----------|
| i. | Lab Record (Internal Assessment) | 15 Marks |
| ii. | Viva Voce (External Evaluation) | 15 Marks |
| iii. | Program Development and Execution(External Evaluation) | 20 Marks |

The break-up of marks for the internal assessment for theory papers except BCA-211 will be as under:

- | | | |
|------|---|----------|
| i. | One or two tests out of which minimum one best will be considered for assessment. | 15 Marks |
| ii. | Attendance | 5 Marks |
| iii. | Class participation/behaviour/assignment | 5 Marks |

*The break-up of marks for the internal assessment for BCA-211: English Communication Skills – I will be as under:

- | | | |
|------|--|----------|
| i. | Formal assessment through Interview/Self Introduction/Recitation etc. | 10 Marks |
| ii. | Conversation Skills (particularly listening and speaking to be evaluated through oral examination) | 5 Marks |
| iii. | Attendance | 5 Marks |
| iv. | Class participation/behavior/assignment | 5 Marks |

BCA-325: Web designing using ASP.NET

Max Marks: 75

Min Pass Marks: 35%

Maximum Time: 3 Hrs

Lectures to be delivered: 45-55 Hrs

(A) INSTRUCTION FOR THE PAPER SETTER

The question paper will consist of *three sections A, B and C*. Section A and B will have four questions from the respective section of the syllabus carrying 15 marks for each question. Section C will consist of 5-10 short answer type questions carrying a total of 15 marks, which will cover the entire syllabus uniformly. . Candidates are required to *attempt five questions in all by selecting at least two questions each from the section A and B. Section C is compulsory.*

SECTION-A

Introduction to .net framework: - Genesis of .NET, Features, Advantages and disadvantages of .net framework. Common Language Runtime:-Common Type System, Common Language Specification, .Net binaries, Microsoft Intermediate Language, Meta Data, .Net types and .net namespaces.

Basics of ASP. NET: - Introducing ASP .NET– Creating ASP .NET applications using command line compiler and visual studio .net IDE.

Introduction to c#:- variables, Constants, Data Types, Operators, Control Structures and loops, Arrays, events.

Introduction to Classes and objects

Web forms, Standard Controls: - Display information, Accepting user input, Submitting form data, displaying images, using the panel control, using the hyperlink control.

Validation Controls: required field validation control, range validator Control, compare validator control, regular expression validator control, custom validator control, validation summary controls.

SECTION-B

Rich Web Controls: -Accepting file uploads, displaying a calendar, Displaying advertisement, displaying different page views, displaying a wizard. List Controls: Dropdown list control, Radio button, list controls. Grid View Controls: Grid view control fundamentals, using field with the grid view control, working with grid view control events extending the grid view control. Debugging, caching and deploying ASP .NET pages.

Master pages: - Designing Website with Master Pages: Creating master pages, Modifying master page content, Loading master page dynamically. ASP.NET security, localizing ASP .NET applications.

ADO.NET:- Changes from ADO to ADO.NET, ADO .NET Managed Providers – OleDb and SQL Managed Providers – OleDb Data Adapter Type. SQL Data Source Control: Creating database connections, executing database commands, Using ASP.NET parameters with the SQL data source controls, programmatically executing SQL data source commands, Caching database data with the SQL data Source controls.

LIST OF RECOMMENDED BOOKS

1. ASP.NET 3.5: Stephen Walther, Pearson Education, 2005
2. Andrew Troelsen – “C# and the .Net Platform” – Apress – 2001.(Unit I and II)
3. David S. Platt – “Introducing .Net” – Microsoft Press – 2002
4. ASP.NET Bible” – MridulaParihar – Wiley-Dreamtech India Pvt. Ltd
5. Visual Basic .net Comprehensive Concepts and Techniques’ Shelly, cashman, QuasneyCengage learning, 2012
6. Murach's Beginning Visual Basic .NET Anne Prince Murach
- 7.

4. LECTURE DISTRIBUTION

CLASS- BCA-3

SUBJECT – ASP.NET

LECTURE DISTRIBUTION

1. **Introduction to .net framework:** - Genesis of.NET,
2. Features,
3. Advantages and disadvantages of .net framework.
4. Common Language Runtime:-Common Type System,
5. Common Language Specification,
6. .Net binaries,
7. Microsoft Intermediate Language,
8. Meta Data,
9. .Net types and .net namespaces.
10. **BASICS OF ASP. NET:** - Introducing ASP .NET
11. Creating ASP .NET applications using command line compiler
12. visual studio .net IDE.
13. Web forms,
14. Standard Controls: - Display information,
15. Accepting user input,
16. Submitting form data,
17. displaying images,
18. using the panel control,
19. using the hyperlink control.
20. Validation Controls: Using the required field validation control,
21. using the range validator
22. Control using the compare validator control,
23. using the regular expression validator control,
24. using the custom validator control,
25. using the validation summary controls.
26. **Rich Web Controls:** -Accepting file uploads,
27. displaying a calendar,
28. Displaying advertisement,
29. displaying different page views,
30. displaying a wizard.
31. List Controls: Dropdown list control,
32. Radio button list controls,
33. list box controls,
34. and bulleted list Controls,
35. custom list controls.
36. Grid View Controls: Grid view control fundamentals,
37. using field with the grid view control,
38. working with grid view control events
39. extending the grid view control.
40. Debugging,
41. caching and deploying ASP .NET pages.
42. **Master pages:** - Designing Website with Master Pages:
43. Creating master pages,

44. Modifying master page content,
45. Loading master page dynamically.
46. ASP.NET security,
47. localizing ASP
48. .NET applications.
49. **ADO.NET**:- Changes from ADO to ADO.NET,
50. ADO .NET Managed Providers – OleDb and
51. SQL Managed Providers – OleDb Data Adapter Type.
52. SQL Data Source Control: Creating database connections,
53. executing database commands,
54. Using ASP.NET parameters with the SQL data source controls,
55. programmatically executing SQL data source commands,
56. Caching database data with the SQL data Source controls.

Weekly Lesson Plan

Date	Class	Subject	Topics covered	Teaching aids used
08-Mar-21	BCA-3 SEM-6TH	ASP.NET	Introduction to .net framework: - Genesis of.NET,	WHITE BOARD
09-Mar-21			Features,	WHITE BOARD
10-Mar-21			Advantages and disadvantages of .net framework.	WHITE BOARD
15-Mar-21			Common Language Runtime:-Common Type System,	WHITE BOARD
16-Mar-21			Common Language Specification,	WHITE BOARD
17-Mar-21			.Net binaries,	WHITE BOARD
18-Mar-21			Microsoft Intermediate Language,	WHITE BOARD
23-Mar-21			Meta Data,	Online
24-Mar-21			.Net types and .net namespaces.	Online
26-Mar-21			BASICS OF ASP. NET: - Introducing ASP .NET	Online
27-Mar-21			Creating ASP .NET applications using command line compiler	Online
30-Mar-21			visual studio .net IDE.	Online
31-Mar-21			Web forms,	Online
01-Apr-21			Standard Controls: - Display information,	Online
03-Apr-21			Accepting user input,	Online
05-Apr-21			Submitting form data,	Online
06-Apr-21			displaying images,	Online
07-Apr-21			using the panel control,	Online
10-Apr-21			using the hyperlink control.	Online
15-Apr-21			Validation Controls: Using the required field validation control,	Online
16-Apr-21			using the range validator	Online
17-Apr-21			Control using the compare validator control,	Online

19-Apr-21			using the regular expression validator control,	Online
20-Apr-21			using the custom validator control,	Online
22-Apr-21			ADO.NET:- Changes from ADO to ADO.NET,	Online
23-Apr-21			ADO .NET Managed Providers – OleDb and	Online
24-Apr-21			SQL Managed Providers – OleDb Data Adapter Type.	Online
26-Apr-21			SQL Data Source Control: Creating database connections,	Online
27-Apr-21			executing database commands,	Online
28-Apr-21			Using ASP.NET parameters with the SQL data source controls,	Online
29-Apr-21			programmatically executing SQL data source commands,	Online
30-Apr-21			Caching database data with the SQL data Source controls.	Online

5.LIST OF RECOMMENDED BOOKS

1. ASP.NET 3.5: Stephen Walther, Pearson Education, 2005
2. Andrew Troelsen – “C# and the .Net Platform” – Apress – 2001.(Unit I and II)
3. David S. Platt – “Introducing .Net” – Microsoft Press – 2002
4. ASP.NET Bible” – MridulaParihar – Wiley-Dreamtech India Pvt. Ltd
5. Visual Basic .net Comprehensive Concepts and Techniques’ Shelly, cashman, QuasneyCengage learning, 2012
6. Murach's Beginning Visual Basic .NET Anne Prince Murach

6.LIST OF INTELLIGENT AND WEAK STUDENTS

LIST OF INTELLIGENT STUDENTS

1110,1111,1126

LIST OF WEAK STUDENTS

1101, 1155

7. Lecture division (Lecture Statement)

CLASS - BCA-3 SEM-6TH , Attendance record					
SUBJECT: ASP.NET					
Total Lectures Delivered= 32					
S N	Roll No	Student Name	Mar. 2021 (13)	APRIL. 2021 (19)	Total Lectures Attended
1	1101	DIMPLE SHARMA	10	16	26
2	1105	gurpreet Singh	10	17	27
3	1107	mandeep Kaur	12	18	30
4	1110	gursewak singh	12	18	30
5	1111	Lovely garg	13	18	31
6	1112	Khushpreet singh	12	17	29
7	1113	Navpreet singh	11	16	27
8	1114	mandeep kaur	12	17	29
9	1116	gurdeep Singh	11	16	27
10	1118	Shalu Goyal	12	17	29
11	1119	Samandeep kaur	12	18	30
12	1120	gagandeep Kaur	12	18	30
13	1121	Akashdeep Singh	11	17	28
14	1122	Arshdeep Singh	10	17	27
15	1125	gurpreet kaur	12	17	29
16	1126	shiviam singla	12	18	30
17	1129	gurjevan kaur	12	18	30
18	1130	KHUSHPREET SINGH	12	17	29
19	1131	ramandeep kaur	13	17	30
20	1132	satwinder singh	13	18	31
21	1133	varundeep singh	10	16	26
22	1136	ASHISH KUMAR	11	17	28
23	1137	Rampy Kaur	12	18	30
24	1139	Rashdeep kaur	13	18	31
25	1141	PAYAL GOYAL	12	17	29
26	1144	Lovepreet singh	12	17	29
27	1146	Lovepreet kaur	12	18	30
28	1147	sarbjeet singh	12	17	29
29	1148	gaurav bansal	12	17	29
30	1149	MANPREET KAUR	11	17	28
31	1150	arshpreet kaur	11	17	28
32	1151	Mamta Kaur	11	17	28
33	1152	manjinder singh	12	17	29

34	1153	jasvir kaur	11	18	29
35	1154	ramandeep kaur	11	18	29
36	1155	hardeep singh maan	11	17	28
37	1163	SIMRANJOT KAUR	0	0	LONGOWAL STUDENTS
38	1164	JASVIR KAUR	0	0	LONGOWAL STUDENTS
39	1165	MANPREET KAUR	12	17	29
40	1166	SANDEEP KAUR	0	0	LONGOWAL STUDENTS
41	1168	jaspreet kaur	0	0	LONGOWAL STUDENTS
42	1171	dharmpreet sharma	12	17	29

8.The break-up of marks for the internal assessment for theory papers except BCA-211 will be as under:

- | | | |
|------|---|----------|
| i. | One or two tests out of which minimum one best will be considered for assessment. | 15 Marks |
| ii. | Attendance | 5 Marks |
| iii. | Class participation/behaviour/assignment | 5 Marks |

Guru Nanak College Budhlada(Mansa)			
CLASS - BCA-3 SEM-6 Session 2020-21			
Assignment record			
SUBJECT- ASP.NET			
S N	Roll No	Student Name	Assignment (M.M.=10)
1	1101	DIMPLE SHARMA	7
2	1105	gurpreet Singh	7
3	1107	mandeep Kaur	8
4	1110	gursewak singh	8
5	1111	Lovely garg	9
6	1112	Khushpreet singh	7
7	1113	Navpreet singh	7
8	1114	mandeep kaur	8
9	1116	gurdeep Singh	7
10	1118	Shalu Goyal	8
11	1119	Samandeep kaur	7
12	1120	gagandeep Kaur	8
13	1121	Akashdeep Singh	7
14	1122	Arshdeep Singh	7
15	1125	gurpreet kaur	8
16	1126	shiviam singla	9
17	1129	gurjevan kaur	9
18	1130	KHUSHPREET SINGH	8
19	1131	ramandeep kaur	8
20	1132	satwinder singh	8
21	1133	varundeep singh	7
22	1136	ASHISH KUMAR	7
23	1137	Rampy Kaur	8
24	1139	Rashdeep kaur	9
25	1141	PAYAL GOYAL	7
26	1144	Lovepreet singh	8

27	1146	Lovepreet kaur	7
28	1147	sarbjeet singh	7
29	1148	gaurav bansal	8
30	1149	MANPREET KAUR	8
31	1150	arshpreet kaur	7
32	1151	Mamta Kaur	7
33	1152	manjinder singh	8
34	1153	jasvir kaur	7
35	1154	ramandeep kaur	7
36	1155	hardeep singh maan	8
37	1163	SIMRANJOT KAUR	6
38	1164	JASVIR KAUR	7
39	1165	MANPREET KAUR	7
40	1166	SANDEEP KAUR	8
41	1168	jaspreet kaur	6
42	1171	dharmpreet sharma	8

Test Record QUESTION PAPER

CLASS: BCA-3

SUBJECT: Web Designing using ASP.NET

Marks: 25

Section: A

Attempt any one Question

Ques: 1 What are the features of .NET framework?

Ques: 2 What are the functions of the Common Type System? What are the two general categories of types that CTS supports? 10*1=10

Section: B

Attempt any one Question

Ques:3 Describe the various List controls provided in ASP.NET along with their properties.

Ques:4 What is the use of Master pages in Web development using ASP.NET? 10*1=10

Section: C

Ques:5 What is the difference between global and local deployment? (5)5*1=5

Guru Nanak College Budhlada(Mansa)			
CLASS - BCA-3 SEM-6TH Session 2020-21			
Test Record			
SUBJECT: ASP.NET			
S N	Roll No	Student Name	MST (25)
1	1101	DIMPLE SHARMA	21
2	1105	gurpreet Singh	21
3	1107	mandeep Kaur	22
4	1110	gursewak singh	24
5	1111	Lovely garg	19
6	1112	Khushpreet singh	18
7	1113	Navpreet singh	22
8	1114	mandeep kaur	23
9	1116	gurdeep Singh	22
10	1118	Shalu Goyal	19
11	1119	Samandeep kaur	20
12	1120	gagandeep Kaur	22
13	1121	Akashdeep Singh	20
14	1122	Arshdeep Singh	21
15	1125	gurpreet kaur	19
16	1126	shiviam singla	22
17	1129	gurjevan kaur	17
18	1130	KHUSHPREET SINGH	18
19	1131	ramandeep kaur	17
20	1132	satwinder singh	22
21	1133	varundeep singh	23
22	1136	ASHISH KUMAR	23
23	1137	Rampy Kaur	20
24	1139	Rashdeep kaur	24
25	1141	PAYAL GOYAL	23
26	1144	Lovepreet singh	19
27	1146	Lovepreet kaur	24
28	1147	sarbjeet singh	24
29	1148	gaurav bansal	18
30	1149	MANPREET KAUR	24
31	1150	arshpreet kaur	23
32	1151	Mamta Kaur	17
33	1152	manjinder singh	22
34	1153	jasvir kaur	18
35	1154	ramandeep kaur	23
36	1155	hardeep singh maan	22

37	1163	SIMRANJOT KAUR	15
38	1164	JASVIR KAUR	18
39	1165	MANPREET KAUR	14
40	1166	SANDEEP KAUR	15
41	1168	jaspreet kaur	16
42	1171	dharmpreet sharma	14