

# SARASWATI MAHILA MAHAVIDHYALAYA,PALWAL

## LESSON-PLAN

Class: BCA IIIrd YEAR

Semester:6th

Subject: Introduction to .Net ( paper:BCA-309)

Session: 2021-22

Lecture Number	Topic
1	Introduction to dot net platform
2	Building block of .net platform
3	CLR,CTS,CLS
4	Features of .net
5	Architecture of .net
6	Type and objects in .net
7	Namespace and type distinction
8	Evolution of web development
9	Class libraries in .net
10	Assemblies in .net framework
11	Types of assembly,static and dynamic
12	Manifest in .net
13	Functions of assembly manifest
14	Metadata and its advantages
15	Attributes of metadata
16	Deploying the .net runtime
17	Revision
18	Test

<b>19</b>	Introduction to c#
<b>20</b>	C# keywords an identifier
<b>21</b>	Data types and its categories
<b>22</b>	Value types
<b>23</b>	Reference types
<b>24</b>	Pointer types
<b>25</b>	Constants(integer ,real, Boolean)
<b>26</b>	Single character literals
<b>27</b>	String literals
<b>28</b>	Backslash literals
<b>29</b>	Variable
<b>30</b>	Default values ,comment, constant symbol
<b>31</b>	C# basic program
<b>32</b>	Compiling& running of c# program using cmd and keys
<b>33</b>	Console i/o commands structure
<b>34</b>	Scope of variable
<b>35</b>	Boxing and unboxing
<b>36</b>	Revision
<b>37</b>	Operators and its type
<b>38</b>	Arithmetic and logical operators
<b>39</b>	Relational and bitwise operators
<b>40</b>	Special operators

<b>41</b>	Evolution of expressions
<b>42</b>	Operator precedence and associativity
<b>43</b>	Control structures in c#
<b>44</b>	Continue.
<b>45</b>	Decision making statements
<b>46</b>	Loops
<b>47</b>	Continue
<b>48</b>	Class and details
<b>49</b>	Methods and its member
<b>50</b>	Constructor
<b>51</b>	Types of constructor
<b>52</b>	Destructor
<b>53</b>	Types of destructor
<b>54</b>	Overloading
<b>55</b>	Operator overloading
<b>56</b>	Function overloading
<b>57</b>	Revision and test
<b>58</b>	Visibility control
<b>59</b>	Overriding
<b>60</b>	Abstract class and methods
<b>61</b>	Continue
<b>62</b>	Sealed classes and methods

<b>63</b>	interface
<b>64</b>	Interface implementation
<b>65</b>	Exception handling
<b>66</b>	Error handling
<b>67</b>	Automatic memory management
<b>68</b>	Input and output
<b>69</b>	directories,files,streams
<b>70</b>	continue
<b>71</b>	REVISION TILL EXAMS

**Hemlata**  
**(Asst Prof. in CS)**