

## **OOP – ISE/CSNE Evaluation Marking Rubric**

**IE2021 – Object Oriented Programming Semester I,2020**

### **OOP ISE/CSNE Evaluation Marking Rubric**

<b>Description</b>	<b>Marks</b>	<b>Sub Total</b>				
<b>1. Frontend Implementation (MVC Architecture)</b>		<b>15</b>				
a)MVC architecture / HCI features or at least the aesthetic beauty of the UI	15					
<b>2. Frontend validations</b>	10	<b>10</b>				
<b>3. Apply OOP Concepts</b>		<b>20</b>				
a)Usage of Interfaces, Abstraction, Inheritance and Polymorphism concepts	20					
<b>4. Data Access logic (CRUD Operation) and Business logic Implementation (One Function is sufficient)</b>		<b>25</b>				
a)Data access logic (Insert) + Service implementation	05					
b) Data access logic (update) + Service implementation	05					
c)Data access logic (delete) + Service implementation	05					
d)Data access logic (retrieve) + Service implementation	05					
e)Utility classes (Helper classes or functionalities separation and use in business logic)	05					
<b>5. Coding Conventions and following standard practices</b>		<b>20</b>				

## BSc (Hons) in Information Technology

<b>6. Application compile, deploy and run without having any error</b>	10	10				
<b>Total Marks</b>	<b>100</b>	<b>100</b>				

a) Proper packaging and layer wise separation	05					
b) Apply java coding conventions (Check comments, class / methods and variable names in proper conventions)	10					
c) Exception Handling	05					

Comments about the project: -

Student Group ID: -

Student ID	Student Name	Signature	Marks


**Examiner Name:** -.....

**Signature:** - .....

