**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI**

**WORK INTEGRATED LEARNING PROGRAMMES**

**Blockchain Technologies & Systems**

**SE ZG569/SS ZG569**

**Assignment -1**

**Weightage-20% [20 Marks]**

**Deadline: 24th April 2022 23:59 Hours**

Find out a problem in the society in any area. You have already gone through various ways in which Blockchain can be a significant impact. Kindly refer to the recoded videos [RL 5.1-5.6, 6.1-6.6]. Three famous case studies for agriculture, digital voting and supply chain have also been discussed. You are expected to find an existing problem and

1. Define a problem
2. Who has the problem (the people who are facing the problem)
3. What are they doing currently for the problem?
4. What is the solution proposed and how it will solve the problem? What are the challenges with this solution or implementation?
5. Solidity code for this with explanation.
6. Demo video. Desktop recording with audio explaining the code and its working. Upload the video in cloud source [google drive, YouTube, Vimeo, etc.] Provide the url and allow me to access the link provided.

The assignment can be done individually or in a group of maximum 2 students. Write down the name of project participants on the first page of the submission.

Submission Deadline: 24th April, 2022 23:59 Hours

Submission mode: E-learn portal

Submission file(s): Single Word/ FDF file answering the six above mentioned points.

There is no makeup possible and any submission on or after 25th April shall not be considered.

-Amit Dua