./

Learning Report – MBSE

Course Code: <CODE>



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| **Ver. Rel. No.** | **Release Date** | **Prepared. By** | **Reviewed By** | **Approved By** | **Remarks/Revision Details** |
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**Document History**

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# Team Work

**ACTIVITY-1: DIFFERENTIAL EQUATIONS**

* Differential equation: **dP/dt =Kp**
* Application: Breaking operation

**Fig6: Output of differential equation**

**ACTIVITY-2: DIFFERENCE EQUATIONS**

* The example of difference equation: **Y(n)=2y(n+1) + 4y(n-1) + 3y(n+1)**
* Step increase level for a robotic arm

## **ACTIVITY 3 – MATLAB ONRAMP**

## **ACTIVITY 4 – COMPLETE SIMULINK ONRAMP**

## **ACTIVITY 5 – STATEFLOW ONRAMP**