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Learning Report – MBSE

Course Code: <CODE>



Version Number:

Team Members :

Team No:

Module: Model Based System Engineering

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| **Ver. Rel. No.** | **Release Date** | **Prepared. By** | **Reviewed By** | **Approved By** | **Remarks/Revision Details** |
| 1. | 15-03-21 | Ujjawal Kumar  99003745 |  |  |  |
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**Document History**

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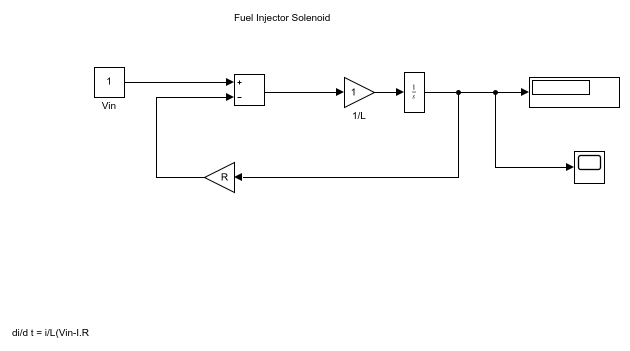
[**Activity 3** – Explore the below resources and share learning and critical comments on the same 4](#_Toc44060968)

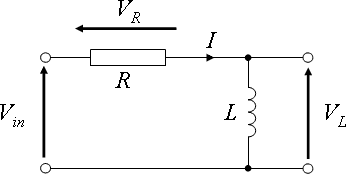
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# Team Work

## **ACTIVITY 1 – Differential Model of Fuel Injector**

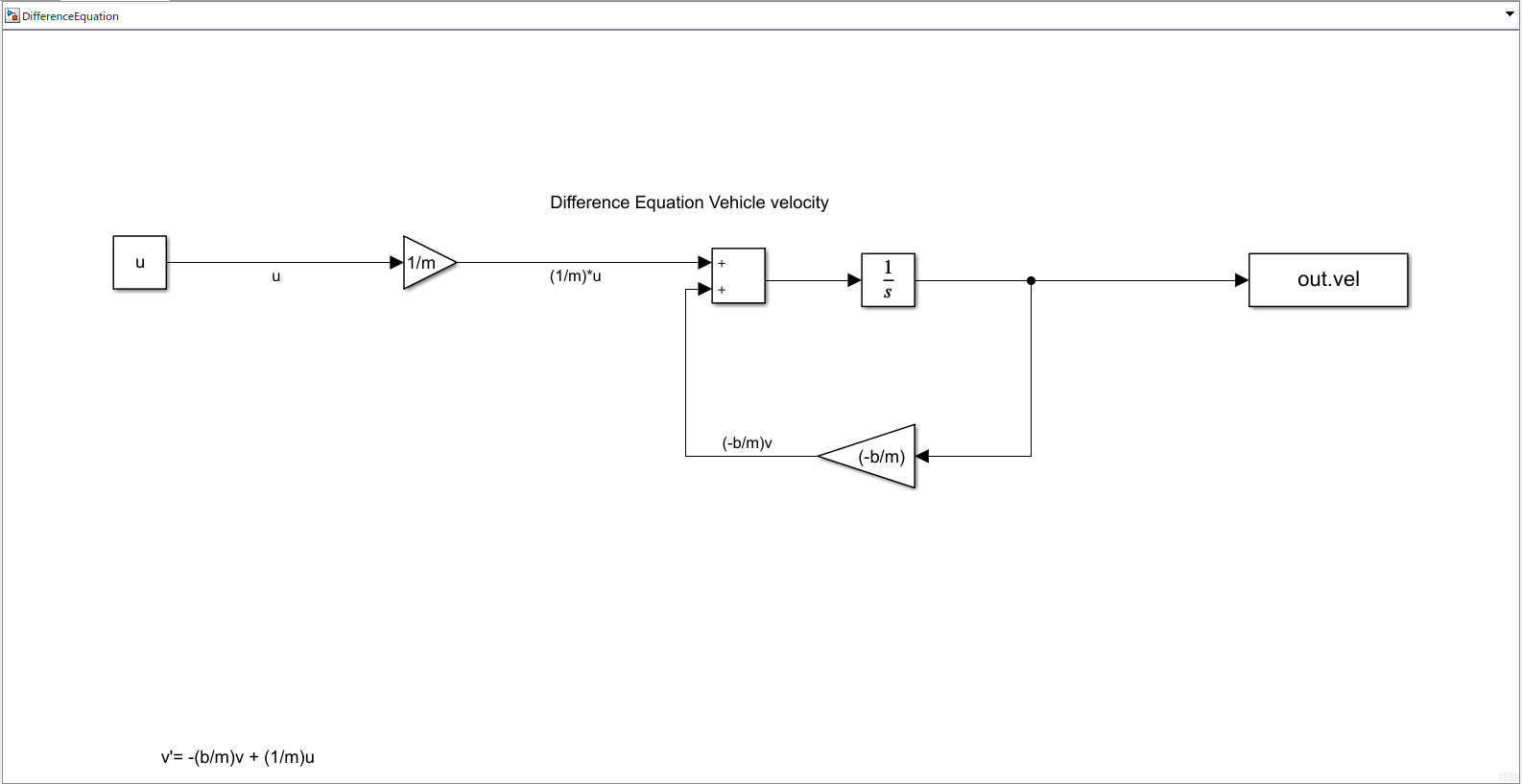


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Circuit Diagram

Equation: di/dt=1/L⋅(Vin–I⋅R)

**ACTIVITY 2 – Difference Equation vehicle velocity**

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**Equation: v'= -(b/m)v + (1/m)u**

**ACTIVITY 3 – MATLAB Onramp Certification**

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**ACTIVITY 4 – Simulink Onramp Certification**

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**ACTIVITY 5 – Stateflow Onramp Certification**

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