

## Project Work Progress Report

**Week No.:** 1

**Date:** 17-01-2022 to 21-01-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
17-01-2022	Deciding on various domains –Machine Learning
18-01-2022	Searching for various problems on that domain
19-01-2022	Searching for various problems on that domain
20-01-2022	Selection of problem – Speed Detection of Vehicle Using Machine Learning Algorithm
21-01-2022	Meeting with Guide to discuss about the domain and topic of the project

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 2

**Date:** 24-01-2022 to 28-01-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
24-01-2022	Collecting Journals and Conference Papers
25-01-2022	Collecting Journals and Conference Papers
27-01-2022	Meeting with Guide to discuss about literature survey from various reference papers, Synopsis verification and submission of Synopsis to project Coordinator
28-01-2022	Going through various methodologies followed in journal papers and finalizing the title of the project – “Speed Detection of Vehicle Using Machine Learning Algorithm”

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 3

**Date:** 31-01-2022 to 04-02-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
31-01-2022	Going through approaches followed in different journal papers
01-02-2022	Finding various datasets of vehicles and collecting more standard journal papers on it with accuracy of different methods
02-02-2022	Meeting with Guide and discussing about accuracy of different methods and datasets
03-02-2022	Finding various datasets of Vehicles
04-02-2022	Preparing PPT for 1 <sup>st</sup> review of project

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 4

**Date:** 07-02-2022 to 11-02-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
07-02-2022	Preparing PPT for 1 <sup>st</sup> review of project
08-02-2022	Finding Journal papers and preparing PPT
09-02-2022	Meeting with Guide and discussing about PPT for 1 <sup>st</sup> review and collecting journal papers
10-02-2022	Finding more datasets of Vehicles
11-02-2022	Finding more datasets of Vehicles

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 5

**Date:** 14-02-2022 to 19-02-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
14-02-2022	Going through the journal papers to decide on base paper of project
15-02-2022	Studying approaches and methods followed in base paper
16-02-2022	Meeting with Guide and discussion about base paper and PPT verification for 1 <sup>st</sup> phase review
17-02-2022	Preparing for 1 <sup>st</sup> phase review
18-02-2022	Preparing for 1 <sup>st</sup> phase review
19-02-2022	1 <sup>st</sup> Phase review

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 6

**Date:** 21-02-2022 to 25-02-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
21-02-2022	Working on changes suggested in 1 <sup>st</sup> phase review
22-02-2022	Working on changes suggested in 1 <sup>st</sup> phase review
23-02-2022	Meeting with Guide and discussed about work progress and changes done after 1 <sup>st</sup> phase review as suggested by the panel members
24-02-2022	Working on changes suggested in 1 <sup>st</sup> phase review and by the Guide
25-02-2022	Going through the existing methods and datasets available

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 7

**Date:** 28-02-2022 to 04-03-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
28-02-2022	Reviewing existing models of Speed Detection
02-03-2022	Going through the existing approaches and datasets
03-03-2022	Meeting with Guide to discuss about work progress and methods which are used in some existing models
04-03-2022	Searching for more datasets

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 8

**Date:** 07-03-2022 to 11-03-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
07-03-2022	Finding datasets and starting the implementation work
08-03-2022	Working on the implementation part (coding)
09-03-2022	Working on the implementation part (coding)
10-03-2022	Working on the implementation part (coding)
11-03-2022	Reviewing code for error removal

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....



## Project Work Progress Report

**Week No.:** 9

**Date:** 14-03-2022 to 18-03-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
14-03-2022	Reviewing code for error removal
15-03-2022	Reviewing code for error removal
16-03-2022	Reviewing code for error removal
17-03-2022	Testing code with the dataset
18-03-2022	Testing code with the dataset

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 10

**Date:** 21-03-2022 to 25-03-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
21-03-2022	Working on improving accuracy of the model
22-03-2022	Working on improving accuracy of the model
23-03-2022	Working on improving accuracy of the model and working on the coding part
24-03-2022	Working on improving accuracy of the model and working on the coding part
25-03-2022	Meeting with Guide to discuss about the implementation and preparing for 2 <sup>nd</sup> phase review

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 11

**Date:** 28-03-2022 to 01-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
28-03-2022	Working on improving accuracy of the model and working on the coding part
29-03-2022	Meeting with Guide to discuss about implementation and phase 2 review
30-03-2022	Preparing for phase 2 review
31-03-2022	Preparing for phase 2 review
01-04-2022	2 <sup>nd</sup> phase review

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 12

**Date:** 04-04-2022 to 08-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
04-04-2022	Working on changes suggested in 2 <sup>nd</sup> phase review
05-04-2022	Working on changes suggested in 2 <sup>nd</sup> phase review
06-04-2022	Working on changes suggested in 2 <sup>nd</sup> phase review
07-04-2022	Working on changes suggested in 2 <sup>nd</sup> phase review
08-04-2022	Working on changes suggested in 2 <sup>nd</sup> phase review

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 13

**Date:** 11-04-2022 to 15-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
11-04-2022	Working on the implementation part (object detection & tracking)
12-04-2022	Working on the implementation part (object detection & tracking)
13-04-2022	Working on the implementation part (object detection & tracking)
14-04-2022	Working on the implementation part (object detection & tracking)

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 14

**Date:** 18-04-2022 to 22-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
18-04-2022	Working on the implementation part (speed detection)
19-04-2022	Working on the implementation part (speed detection)
20-04-2022	Working on the implementation part (speed detection)
21-04-2022	Working on the implementation part (speed detection)
22-04-2022	Meeting with guide to discuss about the progress of the project

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 15

**Date:** 25-04-2022 to 29-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
25-04-2022	Working on the implementation part
26-04-2022	Working on the implementation part
27-04-2022	Working on the implementation part
28-04-2022	Working on the implementation part
29-04-2022	Working on the implementation part

**Signature of the Guide**

Internal .....

External .....

**Signature of the HOD**

## Project Work Progress Report

**Week No.:** 16

**Date:** 02-05-2022 to 06-05-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
02-05-2022	Working on the implementation part
04-05-2022	Meeting with Guide to discuss about further implementation and final demo
05-05-2022	Working on the implementation part and making some changes as needed
06-05-2022	Working on the implementation part and making some changes as needed

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....



## Project Work Progress Report

**Week No.:** 17

**Date:** 09-05-2022 to 13-05-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
09-05-2022	Working on the implementation part and making some changes as needed
10-05-2022	Working on the implementation part and making some changes as needed
11-05-2022	Working on the implementation part and making some changes as needed
12-05-2022	Meeting with Guide to discuss about the final review and final report preparation
13-05-2022	Preparing for final review and working on final report

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 18

**Date:** 16-05-2022 to 20-05-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R                      External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
17-05-2022	Preparing for final review and working on final report
18-05-2022	Preparing for final review and working on final report
19-05-2022	Preparing for final review and working on final report
20-05-2022	Preparing for final review and working on final report

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....

## Project Work Progress Report

**Week No.:** 19

**Date:** 23-05-2022 to 28-05-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

Date	Report
23-05-2022	Meeting with Guide to discuss more about Final review and final report
24-05-2022	Preparing for final review and working on final report
25-05-2022	Preparing for final review and working on final report
26-05-2022	Preparing for final review and working on final report
27-05-2022	Preparing for final review and working on final report
28-05-2022	Final review

**Signature of the Guide**

Internal .....

**Signature of the HOD**

External .....