Technical Internship Program|2020

**Annexure I**

**Mukesh Patel School of Technology Management & Engineering**

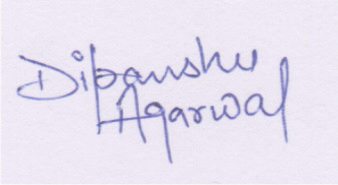
**Technical Internship Program**

**Initial Information Report (IIR)**

|  |  |
| --- | --- |
| Name of the Student | Dipanshu Agarwal |
| Roll No. & SAP No. | N201 and 70471117001 |
| Contact Details | Gonda, Uttar Pradesh - 271002 |
| Residence | 7355950679 |
| Mobile | 7838413854 |
| Email ID (NMIMS) | [dipanshuagarwal83@gmail.com](mailto:dipanshuagarwal83@gmail.com) |
| **TIP Organization details (Put N/A in case of College Project)** | |
| Name | N/A |
| Address | N/A |
| City | N/A |
| Pin | N/A |
| Name of HR | N/A |
| Address of HR | N/A |
| City | N/A |
| Pin | N/A |
| Contact number of HR (office) | N/A |
| Contact number of HR (mobile) | N/A |
| Email | N/A |
| **Details of the Faculty Mentor** | |
| Name | **Ms Varsha Nemade** |
| Designation | Assistant Professor |
| Contact number (office) | - |
| Contact number (mobile) | 9423615554 |
| Email | [varsha.nemade@nmims.edu](mailto:varsha.nemade@nmims.edu) |
| TIP reporting date | 4th May, 2020 |
| TIP Period | 8 weeks |
| Office timings at the Organization | 10:00 am – 05:00 pm |
| Stipend expected (if any) | N/A |
| Project Title | Stock Market Forecasting using Time-Series Analysis |

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|  |  |
| --- | --- |
| Project Description (in 20 words) | We will be developing a Data Science (time series) Model, to predict the stock market for coming days.  Our model will be trained on past few months stock market values/data using time series analysis. The model will be trained taking into consideration various factors of stock market such as USD-INR exchange rate, import/export value, crude oil prices etc.  The model will be developed/programmed in Python programming language and will use various data analysis frameworks (matplotlib, scikit learn, pandas) to develop our model and through the model we will predict the Sensex value for the upcoming days.  Training and testing of the model will be based on real world data with the vision of real time prediction of stock market with maximum accuracy and authenticity.  The success of the model will be based on the real-time observations while taking into account the factor of errors as well. |



Signature of Student Signature of Industry Mentor

Date: May 11, 2020