

**C.S.T.U.P. Engineering Student’s Project Grant Scheme**

**APPLICATION FORM**

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|  | Title of the Project proposed | **Krishak (Bhartiya Kisan Portal)** |
|  | Objectives of Project | The main objective of Bhartiya Kisan Portal is to provide an online integrated platform -   * to provide job to daily wage workers from their home without visiting to any labour market * to provide daily wage workers job near to their home place without any inconvenience. * to directly connect employers to daily wage workers through online media. * to help employers to find trusted and suitable daily wages worker anytime and anywhere. |
|  | Name of the Guide | Rohit Kumar Tiwari  Assistant Professor, Computer Science and Engineering  MMMUT- Gorakhpur |
|  | Name of Student(s)  (Co-Applicant/s if more than one students) | 1. Shivam Sahu Roll No. 2016021078 2. Anurag Yadav Roll No. 2015021054 3. Panne Lal Roll No. 2015021028 |
|  | Name of University | Madan Mohan Malaviya University of Technology- Gorakhpur |
|  | Address of University with  Pin code | Deoria Road, Gorakhpur, Uttar Pradesh, 273010 |
|  | College Contact Number | +91-551-2273958, +91-8765783730 |
|  | College Email ID | patovc@mmmut.ac.in |
|  | Brief Description of the  Project | Food is the necessity to survive, yet most of farmers are below poverty lines and it even forces them to commit suicide.  Our final year project Bhartiya aims at improving the financial condition of farmers by providing them–  • The relevant price for their crops, by connecting them with the end user directly on our platform.  • Weather forecasting data to minimize the risk of crop failure, using machine learning algorithms.  • Discussion platform where they can interact with other farmers to share the methodology, they have used to grow crops in a better way.  • Payment gateway will help them to make caseless transactions and connect them to digital India.  End consumers will also get better crops at a reasonable price. |
|  | Is the project related to any?  local problem, if yes, brief  detail of the problem  (Maximum 100 Words) | The project solves the major problem of poverty prevailing among farmers. The project aims at providing the fair price to the farmers. The farmers are unaware of the solution to problems like crops diseases, fog, seeds etc, so connecting them with fellow farmers will help them know about the ways to get rid of it by following advance method of agriculture.  The weather forecasting will help to know about patterns in climate change and irrigation problem faced due to irregularity in monsoon and knowing in advance can help them to grow crops that are favourable in that condition. |
|  | Commercial application/  utility if any  (Maximum 50 Words) | Although the access to the platform will be free to users but a small amount of money can be charged from the farmers on the transaction made. Other source of revenue will be from the advertisement shown on the application. |
|  | Any other remark |  |

Signature & Name of Student: -

1. Shivam Sahu 2. Anurag Yadav 3. Panne Lal

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Name and approval of mentor: -

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