# BABU BANARASI DAS
## NORTHERN INDIA INSTITUTE OF TECHNOLOGY, LUCKNOW
### COMPUTER SCIENCE & ENGINEERING
### STUDENTS BEST PROJECTS OF LAST 3 YEARS
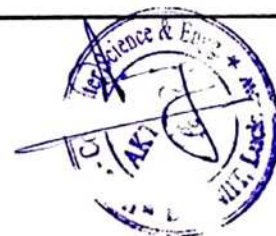
| SESSION 2022-23 | | | |
|---|---|---|---|
| **STUDENTS** | **MENTOR** | **PROJECT TITLE** | **ABSTRACT** |
| 1900560100052 Keshav Sharma 1900560100049 Jaya Vishwakarma (Best 1) | Dr. Anurag Srivastava | Sentiment Prediction Using Voice | The project 'Sentiment Analysis using Voice' will help in identifying the fraud calls like scammers asking for bank details, personal details of less educated people, who believe these frauds easily and believe they are actually the officials from the agency, and got scammed by them. |
| 1900560100110 Umang Kumar Sisodia 1900560100086 Saurabh Singh 1900560100074 Prasoon Kumar Singh (Best 2) | Ms. Suchi Sharma | Take My Trip (Travel Log) Website | The project is based on real time travel log management with real time location integration. |
| 1900560100046 Harshita Srivastava 1900560100055 Khushi Bhardwaj 1900560100044 Garvita Jaiswal (Best 3) | Dr. Umesh Dwivedi | Online Software Service Provider (OSSP) | Online Software Service Provider Project Using PHP and MySQL is a web-based application. The project Online Software Service Provider includes registration of users, storing their details into the system. The software has the facility to give a unique id for every customer who wants to take an internet plan and stores the details of every user. |

# BABU BANARASI DAS
## NORTHERN INDIA INSTITUTE OF TECHNOLOGY, LUCKNOW
### COMPUTER SCIENCE & ENGINEERING
### STUDENTS BEST PROJECTS OF LAST 3 YEARS

BBDNIIT

| SESSION 2021-22 | | | |
|---|---|---|---|
| **STUDENTS** | **MENTOR** | **PROJECT TITLE** | **DESCRIPTION** |
| TUSHAR (1805610119)<br><br>Satyam Gupta (1805610098)<br><br>Shivam Kumar Upadhyay (1805610103)<br><br>Yogendra Shukla (1805610126)<br><br>Best 1 | Dr.Umesh Dwivedi | Human Emotion Detection System Using Automatic Speech Recognition System | Speech recognition is an emerging field in recent research and developments. A number of efforts have been made for proper and error-free recognition of speech generated from various natural sources. Natural Language Processing is the field of Artificial Intelligence effectively used in this area, and a number of researchers worked on it. Among them, we found Automatic Speech Recognition system using Natural Language Processing is working efficiently good for this purpose. So here, we have created a GUI based model which will take the voice as input. Then, it will convert that speech data into text data. After that, this text data will be sent for the emotion detection function of our model. This function will detect the emotion of the output text. These are some emotions that our model can detect such as joy, sadness, anger, surprise, fear and disgust. We have tried to make our model more efficient and accurate. |
| Priyanshu Pandey (1805610078)<br><br>Abhishek Mishra (1805610003)<br><br>Shivendra Pandey 1805610105<br><br>Ratnesh Chandra 1805610087<br>Best 2 | Ms. Sweta Singh | Prediction of diabetes mellitus using machine learning techniques | Diabetes Mellitus is among critical diseases and lots of people are suffering from this disease. Age, obesity, lack of exercise, hereditary diabetes, living style, bad diet, high blood pressure, etc. can cause Diabetes Mellitus. People having diabetes have high risk of diseases like heart disease, kidney disease, stroke, eye problem, nerve damage, etc. Current practice in hospital is to collect required information for diabetes diagnosis through various tests and appropriate treatment is provided based on diagnosis. Machine Learning plays a significant role in healthcare industries. Healthcare industries have large volume databases. Using machine learning one can study huge datasets and find hidden information, hidden patterns to discover knowledge from the data and predict outcomes accordingly. In existing method, the classification and prediction accuracy is accurate and high. In this project, we have proposed a diabetes prediction model for better classification of diabetes which includes few external factors responsible for diabetes along with regular factors like Glucose, BMI, Age, Insulin, etc. Classification accuracy is boosted with new dataset compared to existing dataset. Further with imposed a pipeline model for diabetes prediction intended towards improving the accuracy of classification. |

# BABU BANARASI DAS
## NORTHERN INDIA INSTITUTE OF TECHNOLOGY, LUCKNOW
### COMPUTER SCIENCE & ENGINEERING
### STUDENTS BEST PROJECTS OF LAST 3 YEARS

| SESSION 2021-22 | | | |
|---|---|---|---|
| **STUDENTS** | **MENTOR** | **PROJECT TITLE** | **DESCRIPTION** |
| Shweta chayhary (1900560109009)

Lata sharma (1900560109006)

Lakshmi Singh (1900560109005)

Abhijay Yadav 1900560109001

Sachin Dubey 1805610090 Best 3 | Mr. Satendra Vishwakarma | Kitab Home | The purpose Kitab Home is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. Kitab Home, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information. The aim is to automate its existing manual system by the help of computerized equipment. |

3

| SESSION 2020-21 | | | |
|---|---|---|---|
| **STUDENTS** | **MENTOR** | **PROJECT TITLE** | **DESCRIPTION** |
| 1705610088 SHUBHAM AGRAHARI 1705610098 UMESH PAL 1705610057 MANISH CHAUDHARY Best 1 | A. P. Singh | IOT based Air Pollution Monitoring systems using Ardunio | It allow the measurement, operation and predictive analysis of the evolution of air pollution in different areas |
| 1705610093 SUDHANSHU PANDEY 1705610 076 SAHIL SACHDEVA Best 2 | Mr. Satendra Vishwakarma | Vision The Eye Android App | Vision The Eye Android App is an android application that focuses on the calculation of the vision acuity of a patient in a similar way an ophthalmologist checks the eyesight using Snellen chart. The calculation of vision acuity uses the text to speech conversion of android in a restricted way and also it uses the front camera to calculate the distance of the screen from the eyes. This is followed by the questionnaire for the patient, which uses OWL (Web Ontology Language) to suggest the best possible result based on the answers given by the user. The use of Google Maps API allows the user to locate the nearest hospitals based on his location. |
| 17056 10007 ABHISHEK CHANDRA YADAV 170 5610013 AKASH KASHYAP 1705610029 ASHUTOSH KUSHWAHA 1705610027 ASHUTOSH MISHRA 1705610055 RUCHI SAHU 170561 0046 Best 3 | Mr. Pradumn adav | Analysis and prediction of profitable web shopping | This model gives Predictive analytic encompasses a combination of techniques and technologies like AI, ML, and statistical analysis. From forecasting stock market fluctuations to preventing equipment failure, predictive analysis has made it possible for companies to make informed decisions in a wide range of business areas. |