



BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

BEST PROJECTS- 2018-2019

SL No	Title of the Project	Project Description (not more than 250 Words)	Academic Year	Student Names	Guide Name
1	Education ERP With Analytics	Abstract: Enterprise Resource Planning (ERP) systems provide sophisticated information for cross functional business process. There are many ERP systems which are available in current scenario for different businesses. Educational ERP is the day of the order for all educational institutions across the country for smooth operations of different academic and administrative activities. Educational ERP is being adopted by all institute in Indian education system as AICTE, UGC and others statutory bodies have made ERP system a mandatory requirement for all technical and non-technical institutions. Educational ERP system includes all modules required for an institution. Having said this, this project aims to develop an Educational ERP which is a boon to all educational organization who wish to reduce their work load by going modern and not relying on the manual work of every individual which can sometimes become chaotic due to any simple mistake which is over looked	2018-19	Akshat Gupta	Dr. Manjunath T N
2	Smart Supporter for Differently Abled People	Abstract: Sign language is a format of communication used by the individuals with hearing impairment. The normal individuals who have no better idea about the	2018-19	Suprita Hungund	Mr. Gireesh Babu C N

		<p>formats of gestures finds it difficult to understand the gesture formats and communicate back to that individual with impairment. Many countries across the world have their own languages of sign such as American Sign Language which is a main base in US. Hence, the proposed idea here helps non-sign-language speakers to recognize and understand the sign language. Initially, the gestures or the signs are captured and then processed further and the particular features of differentiation are obtained and formats of comparison algorithms are applied on it and the end result is displayed to the person who has no knowledge of gestures. Hence, making it easy for the normal person to understand the gesture. The voice of the normal person is again communicated back to the person in case of the abnormal person being deaf with the help of microphones. This project is to perceive different hand motion and order different hand developments used to ease correspondence of hard of hearing and dumb. The hand development for signal recognition can be static or dynamic. The hand motion are caught utilizing a camera, the perceived hand motion are handled utilizing different available algorithms. This makes them interactive with the outside world and it will make easy to use and helps the impaired people to communicate as the normal one without any assistance of the neighbours</p>			
3	<p>Designing A Recommendation Engine for Retail Analytics In Collaboration With Revealer Global Solutions</p>	<p>A Recommendation System is an important tool to enable businesses to increase profit. Recommendation System is highly beneficial to any business in the retail industry. Not only does it directly increase the revenue but it also enables the retailer to provide his customers with the products that they require. In this project we are building a recommendation engine in collaboration with Revealer Global Solutions Private Limited. Revealer Global Solutions is a data analytic company. It has a</p>	2018-19	Jeffline Jenisha W	Chandrashekhara K T

		<p>cliental consisting of various retail stores and supermarkets. They strive to provide the best data analytics service to these clients. The current effort to accomplish this is to build a recommendation engine that will ensure a boost in sales and profit for their various clients. Recommendation System is highly beneficial to any business in the retail industry. Not only it increases the revenue but it also enables the retailer to provide his customers with the products that they require.</p>			
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