



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

FOUNDER CHANCELLOR
Dr. Patangrao Kadam
M.A., LL. B., Ph. D.

Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)
DTE INSTITUTE CODE : EN-6288
Tel.No.: (0231) 2638893, 2638894, Fax : 2636050
Web : <http://coekolhapur.bharatividyaapeeth.edu> E- mail : coekolhapur@bharatividyaapeeth.edu

PRINCIPAL
Dr. Vijay Ghorpade
M.E., Ph. D. (Computer)

NAAC SSR CYCLE- 2

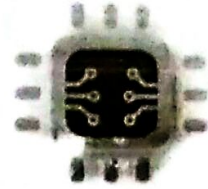


Criterion 3	Research, Innovations and Extension
Key Indicator 3.5	Collaboration
3.5.1. Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years	

Name of the MoU/linkage: Big Electronics and Automation, Kolhapur

Name of actual activity: Project Work- IOT Based Safety Helmet

BIG Electronics & Automation



1940, E-ward, Bus Route, Rajarampuri 12th Lane, Kolhapur, Maharashtra-416008.
Phone:-09420213538, 08956534547, Email: bigelectronicsautomation19@gmail.com.

Date :- 20/7/2019

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

Party 1: BIG Electronics and Automation, Kolhapur.

Party 2: Department of Computer Science & Engineering, Bharati vidyapeeth's college of Engineering, Kolhapur.

Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project.
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.
4. Any other academic activity with mutual consent.

BIG Electronics and Automation, Kolhapur and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.

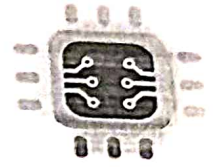
Prof.S.M.Mulla
HOD- CSE Dept

Dr. V.R.Ghorpade
Principal



Mr. A.A. Ghiatage
Managing Director

BIG Electronics & Automation



1940, E-ward, Bus Route, Rajarampuri 12th Lane, Kolhapur, Maharashtra-416008.
Phone:-09420213538, 08956534547, Email: bigelectronicsautomation19@gmail.com.

Date - 20/7/2019

To,
Principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject:- Sponsorship and Internship for final year project of engineering.

Respected Sir,

We are pleased to inform you that our organization "BIG Electronics and Automation, 12th lane rajarampuri, kolhapur" has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Ms. Rutuja Bharat Jagadale.
2. Ms. Shiipa Dhondiram Choukekar
3. Ms. Samruddhi Sunil Redekar.
4. Ms. Snehal Arun Pawar
5. Ms. Madhuri Tanaji Shewale.

"IOT Based Safety Helmet" We are developing the safety helmet for motorcycles. The ignition of the motorcycles will be avoided without helmet. It also consists GPS and GSM based tracking system in order to track location of accidents. The project is implemented with the use of sensors which will send the information to the module connected with the bike's engine. This helmet has two modules one is on bike and other is on helmet. Alcohol sensor, Accident detection sensor and force sensing register are fitted in the helmet. Second part consists of Relay and sensor which is fitted on bike. Therefore motorcycle will not start until it fulfills two conditions i.e. Bike rider should wear helmet and bike rider should not consume alcohol. If an accident occurs it sends the message (location/address) to the registered number.

After completing the project we shall consider a demonstration of the project and if it fits to our organization's requirements we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationary and instruments required for establishing setup of the project.

Thanking You.

Regards,

Mr. A. G. Ghatage
(Managing Director)

