

### **Research Center Recognition**

- Department of Computer Science and Engineering is recognized as a Research Centre by Anna University, Chennai (Code: 4260806) to offer Full Time / Part Time Ph.D/ M.S.(By Research) Programmes.
- Lr.No:2608/IR/CSE/AR2 , Date of Research Center Recognition: 01.08.2017

### **Ithenticate Plagiarism Software**

Ithenticate is a commercial, Internet-based plagiarism detection service. It is purchased by the institute and is commonly for researches in the campus. It checks submitted documents against its database and the content of other websites with the aim of identifying plagiarism. Results can identify similarities with existing sources, and it helps both students and faculty members to avoid plagiarism and it helps improving in their writing skill.

### **Workshop Organized Through Research Centre**

| <b>S.No.</b> | <b>Date of the Event</b> | <b>Name of the Workshop</b>                              | <b>Resource Person</b>   |
|--------------|--------------------------|--|--|
| 1.           | 06.10.2017               | Hands-on Training on “R Programming for Data Science”    | Dr.T.Abirami,<br>SAP/ IT<br>Kongu Engineering<br>College, Erode.           |
| 2.           | 19.02.2018               | National Level Workshop on Hadoop Tools Crushing Bigdata | Dr.P.Suresh Kumar<br>Professor<br>Bannari Amman<br>Institute Of Technology |
| 3            | 16.02.2018               | Writing Research Papers                                  | Dr.Wahida Banu,<br>Principal, GCE, Salem.                                  |

### Research Centre Outcomes

| S.No. | Name of the Students  | Title of the Project   | Name of the Guide   |
|-------|---|--|---------------------|
| 1     | K.Prakashkrishna<br>R.Ramanan<br>R.Sathyanarayanan<br>R.Sathyamoorthy<br>S.Suryakumar   | iBanking   | Mr.P.Gokulraj       |
| 2     | S.G.Logesh<br>G.K.Harikishore<br>K.Aravind  | Wheelchair Robot based on Android Application  | Mr.K.Sindhanaivelan |
| 3     | K.Prakashkrishna<br>R.Ramanan<br>R.Sathyanarayanan<br>R.Sathyamoorthy<br>S.Suryakumar   | Ready to Race  | Mr.P.Gokulraj       |
| 4     | S.Dhanalakshmi<br>A.Arokia Roseline<br>K.R.Lakshmi Kanth<br>T.M.Mani Kandan<br>P.M.Ajit | Surveillance and Monitoring System of Forest Transportation and Natural disaster                           | Mrs.V.Kavitha       |
| 5     | R.Vengatesh M.Yogesh<br>M.Praveen S.Surya<br>T.Santhosh                                 | Managing database using Android App  | Mr.S.Saravanan      |
| 6     | S.G.Logesh<br>G.K.Harikishore<br>K.Aravind P.Mohanraj                                   | Android Control at Mega Robo   | Mr.K.PremKumar      |
| 7     | M.Mahita<br>M.Nivedhitha K.Bharani<br>K.Gayathri  | Strange identification and intimation to owner and neighbors using SMS based Wireless home Security System | Ms.S.Keerthi        |
| 8     | R.Naveenraj<br>R.Nivetha<br>K.Sanjay K.Sathyamani<br>A.V.R.Shobana                      | Obstacle avoidance robot and home automation using internet of things                                      | S.P.Yazhini         |

|    |  |   |                |
|----|--|---|----------------|
| 9  | V.Balaji<br>G.Karthickbharathwaj<br>M.Monojsharma              | Voice controlled Home Automation System | M.K.Vijaymeena |
| 10 | K.Abinesh S.Arunkumar<br>D.Gokiladharani<br>M.F.Fareza Nachiar | Smart Charger                           | M.K.Vijaymeena |

### TRIAL IMPLEMENTATION WITH VISUALLY CHALLENGED PERSON (iBanking)

Dr. K. Sarayanan,  
Assistant Professor,  
Government Arts and Science College,  
Karur.

#### FEEDBACK:

The application is good. The dim screen idea is innovative.  
It is useful for people like me to do secured banking.



### WHEEL CHAIR ROBOT BASED ON ANDROID APPLICATION- MODEL



| Control Keys | Wheel chair Direction |
|--------------|-----------------------|
| 2            | Forward               |
| 8            | Backward              |
| 4            | Left turn             |
| 6            | Right turn            |
| 5            | Stop                  |
| *            | Anti-clockwise        |