



## THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI- 625 015

( A Govt. aided Autonomous Institution affiliated to Anna University)

### Department of Information Technology

#### ACM AI STUDY CIRCLE

AI Study circle was inaugurated by Foremost Reinforcement Learning Expert Prof. B.Ravindran Professor, IIT Madras to cultivate the importance of Artificial Intelligence among all disciplines of Engineering Students on Oct 2, 2018 under TCE IT ACM Student Chapter. This forum was later renamed as AI Working group by Prof B.Ravindran. Various experts from Academic and Industries have delivered lectures in the area of Machine Learning and Deep Learning. It brings working culture among students from all departments.

#### Academic Year 2018-2019

| S.No | Date of Event | Event Name   | Resource person                            | Outcome   |
|------|---------------|--|--|---|
| 1.   | 19.09.2018    | Getting started in Data Science                            | Mr.M.Gokul Karthick,<br>Final year student | Create a forum to deliver Data Science Projects.  |
| 2.   | 01.10.2018    | Data Science and its Applications                          | Mr.Rakesh Diravium,<br>Zoho                | Bring exposure in Data Science and its real time applications among Inter department students |
| 3.   | 02.10.2018    | Experience talk on AI                                      | Prof.B.Ravindran, IIT Madras               | Create impact in Artificial Intelligence and Reinforcement Learning                           |
| 4.   | 08.10.2018    | Applications of Probability and Statistics in Data Science | Mr.M.Mahesh Aravind,<br>(Alumini )<br>Zoho | Gain the importance of Probability and statistics in Data Science Project                     |

|    |            |   |  |   |
|----|------------|---|--|---|
| 5. | 11.10.2018 | Introduction to AI through Machine Learning     | Mr.SudharsanSanthiappan,<br>Co-founder BuddiHealth | Create more interest in AI through ML among all disciplinary students |
| 6. | 15.10.2018 | Data Exploration in R for Cross domain problems | Mr.JeganSethupathyRajan,<br>Data Scientist.        | Platform to gain more knowledge in Data Exploration using R tool      |
| 7. | 26.10.2018 | Algorithms for Data Science applications        | Prof.Venkatesh Raman,<br>IMSC, Chennai             | Bring exposure and importance of algorithms for Data Science Projects |

#### Academic Year 2019-2020

| S.No | Date of Event | Event Name  | Resource person                                    | Outcome   |
|------|---------------|---|--|---|
| 1.   | 29.08.2019    | Importance of Supervised Learning Algorithm       | Mr. Bhoobash                                       | Create a forum to deliver SVM and other supervised algorithms for Inter department Projects.    |
| 2.   | 04.10.2019    | Deep Learning algorithm for real time application | Mr.<br>Amuthalingesaran<br>Research Scholar<br>TCE | Bring exposure in CNN algorithms and its real time applications among Inter department students |

#### Academic Year 2019-2020

| Sl.No | Date      | Activities                      | Resource person                   | Outcome                       |
|-------|-----------|---------------------------------|-----------------------------------|-------------------------------|
| 1     | 16.1.2021 | Webinar on Data science         | III Year students<br>R.Aruna Devi | Gain exposure in Data Science |
| 2     | 22.1.2021 | Discussion on Python Packages - | III Year students                 | Gain Hands-on                 |

|  |  |              |              |          |
|--|--|--------------|--------------|----------|
|  |  | Panda, Numpy | R.Aruna Devi | practice |
|--|--|--------------|--------------|----------|