




## PRE FACE

**THE AI MIND Club**, CMR College of Engineering & Technology was established in 2019 with the objective of creating and spreading awareness about Artificial Intelligence (AI), its applications to real world problems among students and mobilizing their participation in AI related activities.

In the current world technological scenario, the need and worth of Artificial Intelligence (AI), Machine Learning (ML), and Deep Learning (DL) has been increasing exponentially as a growing number of companies are using these technologies to improve their products and services, estimate their business models, and augment their decision-making process.

Industry is facing a revolution about new possibilities in AI, ML and DL. These technologies are being used to solve many critical real life problems such as health care related issues, robotics, automation etc. that impact society. Industry as well as R & D all over the world is facing huge scarcity of trained manpower in such technologies.

Based on the interest of the student body in AI and particularly in ML and DL, this is an initiative to form AI club, i.e. "THE AI MIND". The main aim of "THE AI MIND" is to provide a fun opportunity for students inclined towards AI, ML, and DL to broaden their knowledge of AI applications and to interact with other students who have a shared interest in AI and related fields.

  
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CMRCET/PRIN/THE AI MIND/AY2019-20/CIR-01

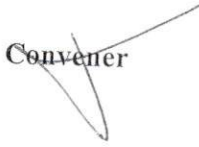
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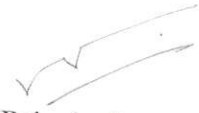
## CIRCULAR

All the members of "THE AI MIND" club of the college are requested to attend the meeting scheduled on 13.08.2019 at 3.00PM in the Compiler Design Lab., 307, B-II. The following points are on the agenda:

### AGENDA

1. To Discuss about the SOP, Objectives, Role and responsibilities
2. To Discuss about the events to be conducted under the club
3. Awareness among students on AI applications.

  
Convener

  
Principal

Copy Submitted to: (1) The Secretary Garu - For your kind information Pl.

Copy to:

1. IQAC coordinator
2. Deans
3. Examination Branch
4. AII HODS
5. Administrative Officer
6. Accounts Officer
7. Librarian
8. Training & Placement
9. Faculty Concerned
10. Student Notice Board

  
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# CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(UGC AUTONOMOUS)

Approved by AICTE New Delhi, Permanently affiliated to JNTUH  
Accredited by NAAC with 'A' Grade, All B.Tech Programmes Accredited by NBA  
Kandlakoya (V), Medchal Road, Hyderabad -501401.

Academic Year: 2019-20

## THE AI MIND CLUB

### MINUTES OF MEETING

Date: 13-08-2019  
Venue: Compiler Design Lab., 307, B-II  
Time: 3:00-4:00 PM

Chaired By: **Dr. V. A. Narayana, Principal**  
CMR College of Engineering & Technology

The chairman welcomed all the committee members.

**Item 1:** SOP are finalized during the meeting and communicated for the same will be issued to the concern.

#### STANDARD OPERATING PROCEDURE OF THE AI MIND CLUB

The objective of the club is to create and spread awareness about Artificial Intelligence (AI) and its applications to real world problems among students and mobilizing their participation in AI related activities.

The purpose of this procedure is to help students, parents and faculty/staff to understand and to adhere to the roles and responsibilities upon joining the "THE AI MIND" Club.

Faculty members have to constantly motivate the student members of the club and should actively participate in activities conducted by the club.

Convener is supposed to release the correspondence related to the activities to be conducted for a particular academic year duly approved by the IQAC coordinator before end of previous academic year. At least 2 activities per semester or 5 activities for an academic year have to be compiled.

Chairman of THE AI MIND club must release an office order in the month of May regarding the members of the committee for the next academic year.

  
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## Objectives:

- To develop a platform where the technical innovativeness of students in AI could be nurtured and given a practical shape
- Provide a platform where the students can put their innovative efforts and clear their doubts to transform them into reality
- To organize workshops and competitions on AI in order to attract the interest of student community towards technical aspects of their education
- Represent CMRCET by participating at national level tech-fest and other technical events

## Student members of THE AI MIND club for AY 2019-20:

S. No.	Hall Ticket Number	Name	Branch/Section	Role
1	17H51A05G7	Sravan Kumar	CSE-D	Member
2	17H51A05E7	Lokesh Agarwal	CSE-D	Member
3	19H55A0510	Vijay Kumar Kare	CSE-B	Member
4	19H55A0503	Neeraj Kumar B.	CSE-A	Member
5	19H55A0504	B. Raja	CSE-A	Member
6	18H51A05G9	Naga Sai	CSE-A	Member
7	18H51A05N2	Nikhil	CSE-C	Member
8	18H51A0570	J. Aravind	CSE-C	Member
9	18H51A05M8	G. Sandeep	CSE-B	Member
10	18H51A0579	R. Abhilash	CSE-B	Member
11	18H51A0580	R. Sai Teja	ECE-C	Member
12	18H51A0473	M. Akhil Reddy	CSE-A	Member
13	18H51A0588	T. Vikram	ECE-A	Member
14	18H51A0483	R. Uday Kiran	ECE-B	Member
15	18H51A0415	Abhiram Reddy	CSE-D	Member
16	18H51A0528	Dinesh Reddy	ECE-D	Member
17	18H51A04J7	G. Dhanush	ECE-A	Member
18	18H51A04J9	K. Manikanta	CSE-A	Member
19	18H51A05L8	V. Venkata K. Rao	CSE-B	Member
20	18H51A05K8	M. Sai Prasad	ECE-C	Member
21	18H51A04H8	Bhabani P. Sharma	ECE-A	Member
22	18H51A04H2	Sri Charan	CSE-C	Member
23	18H51A05F2	A. Supraja	CSE-A	Member
24	18H51A05H7	T. Akansha	CSE-C	Member
25	18H51A05G8	K. Prathima	CSE-A	Member
26	18H51A05L2	P. Harshitha	CSE-A	Member
27	18H51A05K4	M. Srehitha	CSE-A	Member
28	18H51A05L7	V. Ujwala	CSE-A	Member
29	18H51A05M3	A Alekhya	CSE-A	Member
30	18H51A05L0	Nazia	CSE-A	Member
31	18H51A05K9	N. Akhil	CSE-A	Member
32	18H51A05D2	M.V.S. Rohith	CSE-A	Member

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## Roles and Responsibilities:


1. To enable the students to acquire basic knowledge about concepts like AI, Machine learning, Deep learning etc.
2. To encourage student to apply AI techniques for solving various real life problems.
3. To share their AI knowledge among student community
4. Students groups are formed to identify the various societal problems that can be tackled by AI techniques.
5. Periodically conduct seminars/guest lecture/quiz/tech talk etc related to AI topic.
6. THE AI MIND Club will empower students to participate and take part in various technical activities like SIH/tech-fest conducted across the nation

## Frequency of Meetings:

1. Starting of every semester first meeting will be conducted to discuss the activities to be conducted in that semester.
2. At the end of the semester meeting will be conducted to review all the activities and action plan for next semester of the academic year.
3. We may conduct the meetings as and when required.

**Item 2:** Proposal of activities to be conducted for the students in the A.Y 2019-20 under THE AI MIND club.

- Dr Sarat Chandra Nayak suggested conducting a Guest Lecture on “Artificial Neural Network” as machine learning technique.
- Mr. Shiva Skandha suggested to conduct some hands on experiment on Python and Deep learning
- Shravan Kumar suggested conducting basic classes on Python.
- Shravan Kumar suggested conducting a seminar on Transfer learning in ML.

  
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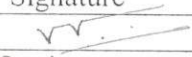

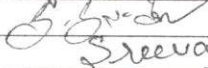
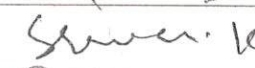
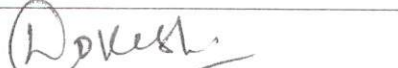

Following is the schedule of events to be conducted under **THE AI MIND** club for the Academic Year 2019-20.


S. No.	Name of the Event/Activity	Tentative Date/Month	Instructor
1	AI applications and Python Data Structure	17.08.2019	Shravan Kumar
2	Data preprocessing and Gaussian normalization	24.08.2019	Shravan Kumar
3	Statistics in ML (Data normalization methods)	31.08.2019	Shravan Kumar & Lokesh Agrarwal
4	Linear Regression	07.09.2019	Shravan Kumar
5	Seminar on "Artificial Neural Network for machine learning"	Jan-2020	Dr. S. C. Nayak
6	Python & Deep learning	Jan-2020	Mr. S. Skandha
7	Neural Network Learning	Mar-2020	Dr. S.C. Nayak
8	AI & Deep Learning	Mar-2020	Mr. S. Skandha

**The Committee made the following Resolution**

1. All the committee members agreed to the SOP, Objectives, Roles and Responsibilities of THE AI MIND Club.
2. All the committee members agreed to the suggestions and accepted the proposal with interest for the events to be conducted and took the decision to conduct all the above events in the Academic Year 2019-20.
3. All the members agreed to plan for one hackathon AI related topic during 2019-20.
4. The meeting was concluded with thanks to Chair

**The Club members present for the meeting:**

S.No.	Name	Designation	Position	Signature
1	Dr. V. A. Narayana	Principal	Chairman	
2	Dr. Sarat Chandra Nayak	Associate Professor, CSE	Convener	
3	Mr. Shiva Skandha	Asst. Prof., CSE	Member	
4	Mrs. Sreevani	Asst. Prof., CSE	Member	
5	Sravan Kumar	Student	Student coordinator	
6	Lokesh Agarwal	Student	Student coordinator	

  
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