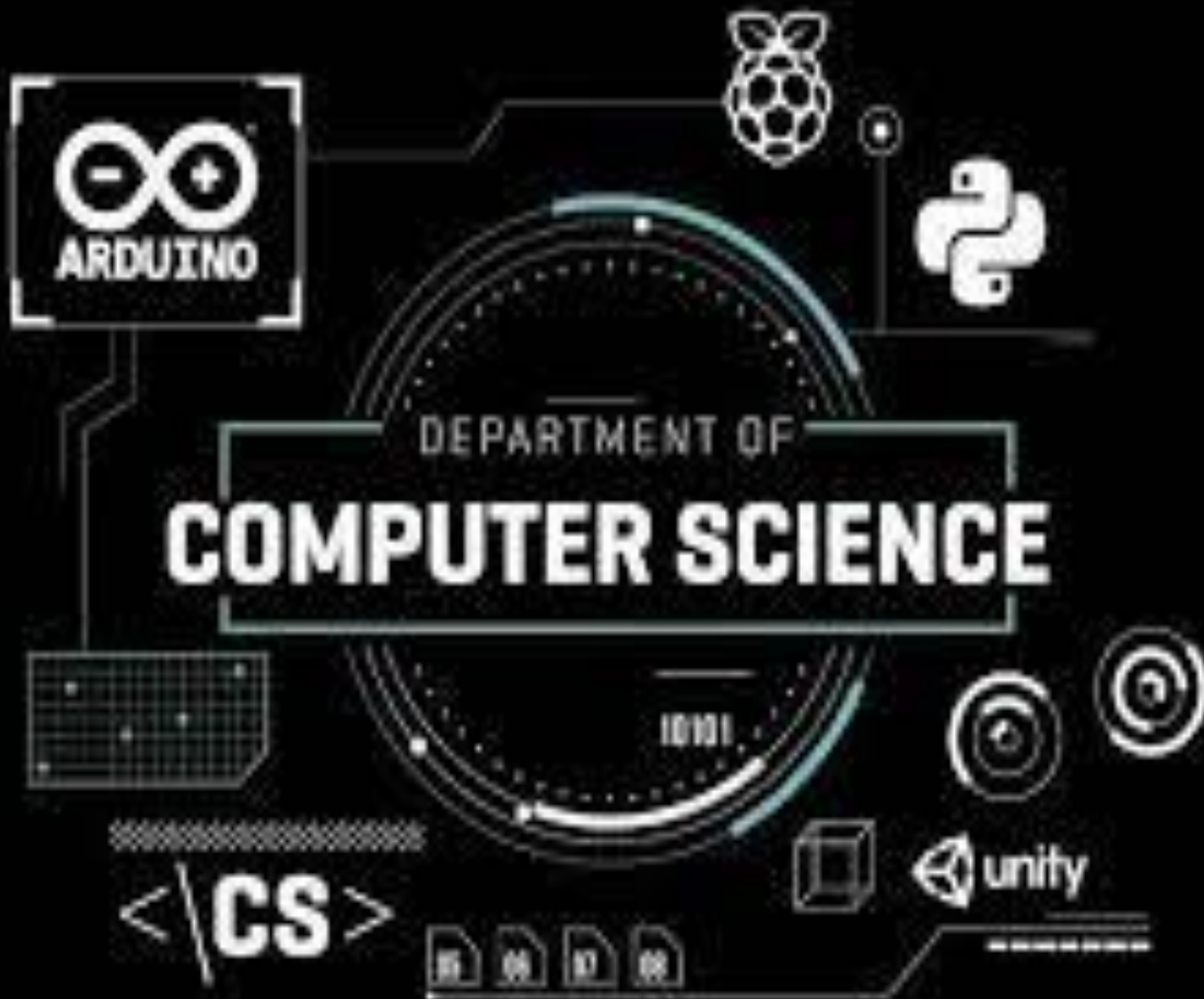




**HINDI MAHAVIDYALAYA**  
**VIDYANAGAR, HYDERABAD**



**The Department of Computer Science in Hindi Mahavidyalaya, Vidyanagar, Hyderabad established in the year 2016 with different combination at UG level keeping in view the need for strengthening its Computer science Wing and growing competition in the IT.**



# Main Points:

1. Computer Science is a good career choice

1. The Hindi Mahavidyalaya , Department of Computer Science provides excellent preparation for a career in Computer Science



- **Establishment of the Department** : **2016**
- **Courses offered** : **B.Sc. ( MPCS, MSCS)**
- **No. of Teaching Faculty** : **03**



# Objective of the Department

Upon successful completion of a major in computer and information sciences, students will be able to:

1. Demonstrate proficiency in problem-solving techniques using the computer
2. Demonstrate proficiency in at least two high-level programming languages and two operating systems
3. Demonstrate proficiency in the analysis of complex problems and the synthesis of solutions to those problems
4. Demonstrate a breadth and depth of knowledge in the discipline of computer science
5. Able to create web sites .

# Goals

The goals of the computer sciences department are to prepare students for graduate training in some specialized area of computer science, to prepare students for jobs in industry, business or government, and to provide support courses for students in mathematics and other fields requiring computing skills.



# Program Specific outcomes (PSOs)

The curriculum and syllabus for Bachelor degrees conform to outcome based teaching learning process. the curriculum and syllabus have been structured in such a way that each of course meets one or more of these outcomes.

Student outcomes describe what students are expected to know and be able to do by the time of graduation.

These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program. Further, each course in the program spells out clear instructional objectives which are mapped to the student outcomes.

- a. Ability to apply knowledge of computing, mathematics, and basic sciences that may be relevant and appropriate to the domain
- b. Ability to analyze a problem, identify and define the computing requirements, which may be appropriate to its solution
- c. Ability to design, implement, and evaluate computer-based system, process, component, or program to meet desired needs
- d. An ability to function effectively on teams to accomplish a common goal
- e. Understanding of professional, ethical, legal, security, social issues and responsibilities



Cont.....

- f. Ability to communicate effectively among a range of audiences
- g. Ability to analyze the local and global impact of computing on individuals, organizations, and society
- h. Recognition of the need for and an ability to engage in continuing professional development
  - i. Ability to use current techniques, skills, and tools necessary for computing practices.
  - j. Ability to use and apply current technical concepts and practices in the core development of solutions in the form of Information technology
  - k. Ability to identify and analyze user needs and take them into account in the selection, creation, evaluation, and administration of computer-based systems
  - l. Ability to incorporate effectively integrate IT-based solutions to applications
  - m. Understanding of best practices and standards to develop user interactive and abstract application
  - n. An ability to assist and manage the execution of an effective project plan.



# Course Outcomes

- Learning Outcomes

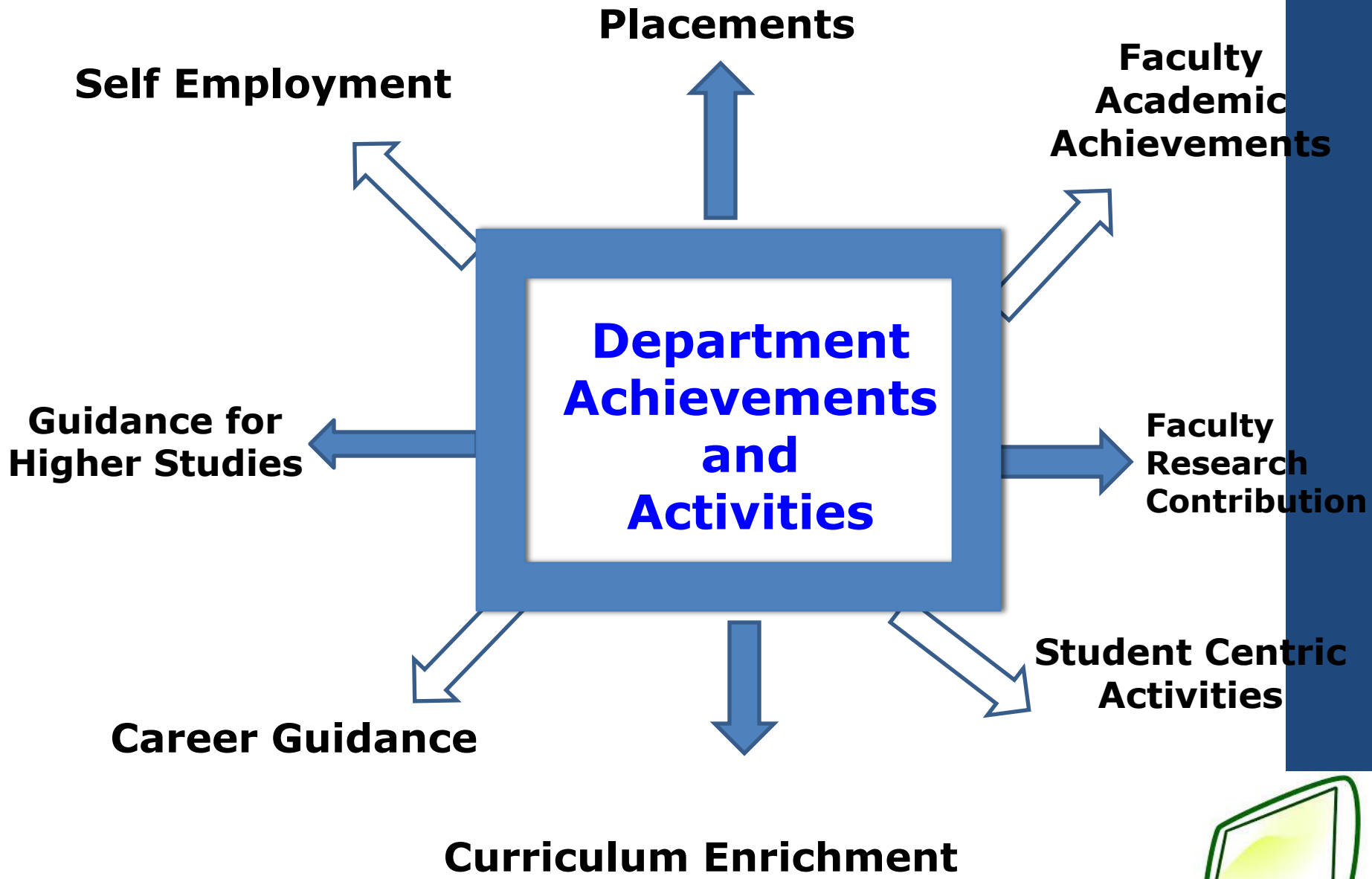
Our learning outcomes are statements that describe skills that we expect to enable our student to attain by the time of graduation.

- An ability to apply mathematics to solving computing problems.
- An ability to critically analyze a problem and to design, implement, and evaluate a computing solution that meets requirements.
- An ability to work effectively in small groups on medium scale computing projects.
- An ability to effectively communicate technical concepts in oral and written form.
- An ability to understand the social and ethical implications of working as a professional in the field of computer science.
- An ability to use current tools and methodologies in computing practice.

# Faculty Profile

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>
<b>Smt. Haseena Begum</b>	<b>M.TECH</b>	<b>Assistant Professor</b>	<b>Computers</b>	
<b>Smt. Srivally</b>	<b>M.C.A</b>	<b>Assistant Professor</b>	<b>Computers</b>	
<b>Smt.M.Pratibha</b>	<b>M.C.A.</b>	<b>Assistant Professor</b>	<b>Computers</b>	<b>10</b>





# Gender wise Student Strength

## B.Sc. Computer science Student Strength

(2017-18 to 2021-22)

Admit in 1<sup>st</sup> year

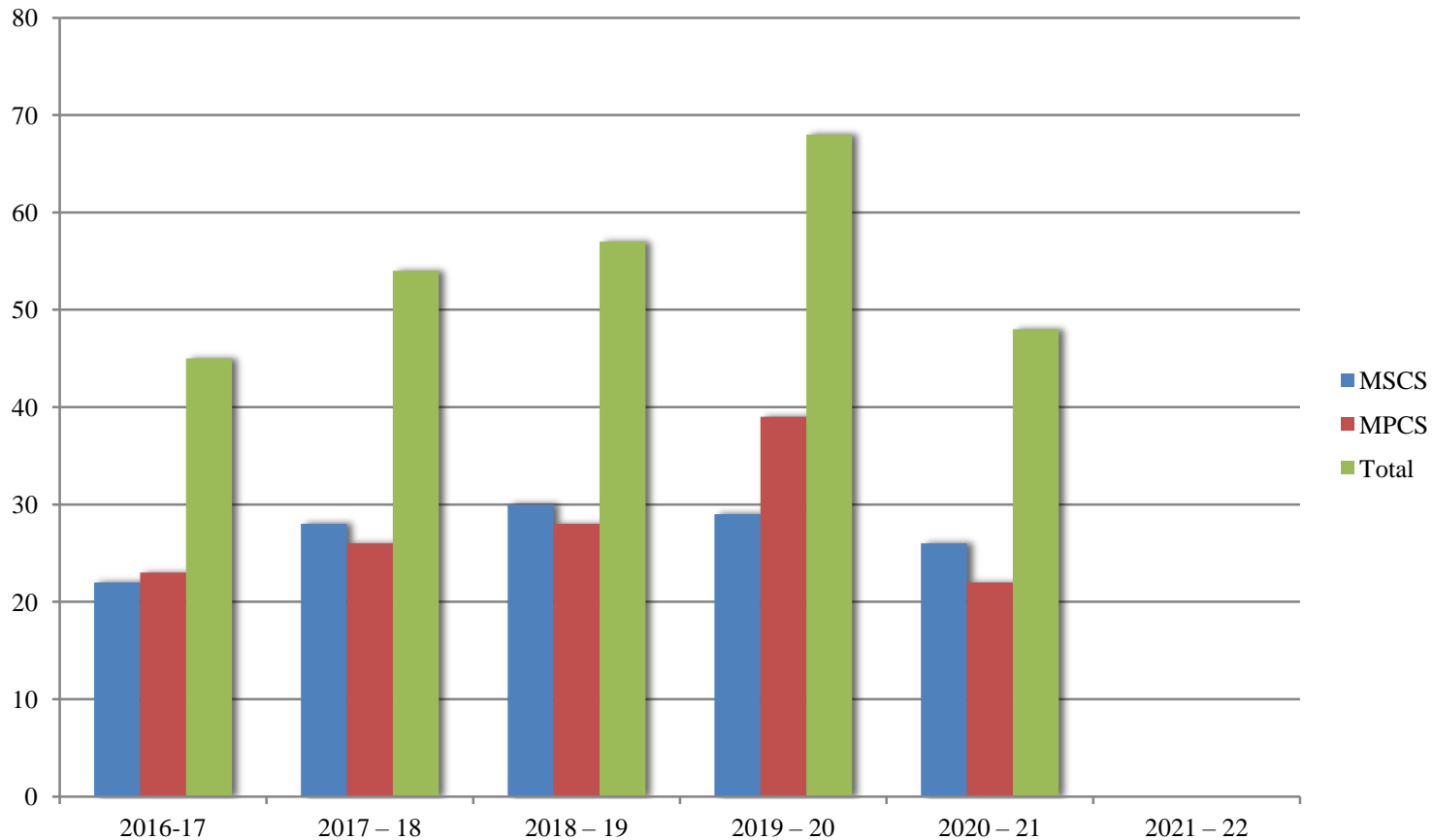
<b>Academic Year</b>	<b>Boys</b>	<b>Girls</b>	<b>Total</b>
<b>2017 – 18</b>			<b>54</b>
<b>2018 – 19</b>	<b>42</b>	<b>15</b>	<b>57</b>
<b>2019 – 20</b>	<b>49</b>	<b>19</b>	<b>68</b>
<b>2020 – 21</b>	<b>36</b>	<b>12</b>	<b>48</b>
<b>2021 – 22</b>			

**B.Sc. Computer science Student Strength**  
**(2017-18 to 2021-22)**  
**Admit in 1<sup>st</sup> year**

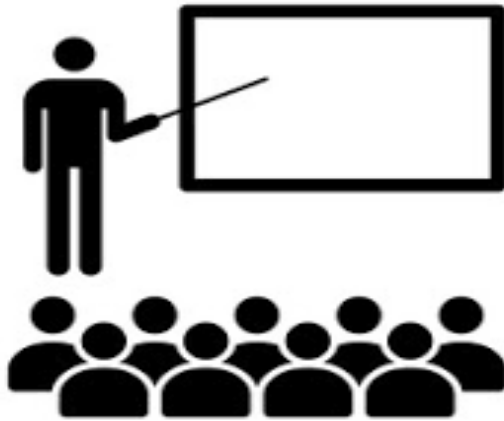
<b>Academic Year</b>	<b>MSCS</b>	<b>MPCS</b>	<b>Total</b>
<b>2016-17</b>	<b>22</b>	<b>23</b>	<b>45</b>
<b>2017 – 18</b>	<b>28</b>	<b>26</b>	<b>54</b>
<b>2018 – 19</b>	<b>30</b>	<b>28</b>	<b>57</b>
<b>2019 – 20</b>	<b>29</b>	<b>39</b>	<b>68</b>
<b>2020 – 21</b>	<b>26</b>	<b>22</b>	<b>48</b>
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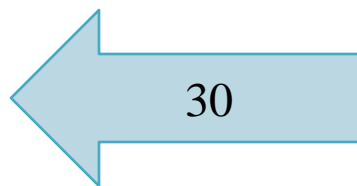
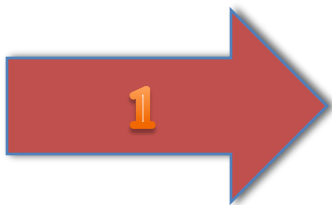
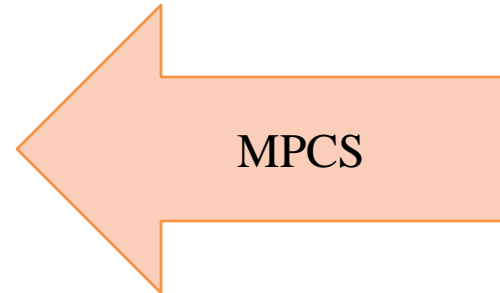
## B.Sc. Computer science Student Strength (2017-18 to 2021-22) Admit in 1<sup>st</sup> year



# STUDENT TEACHER RATIO



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# KNOWLEDGE ENHANCEMENT PROGRAMS

- Personality Development workshops
- Career counseling
- Interactive Session on “New technology”

# Faculty : Attended FDP on AI and ML

## Importance of ML in Engineering

Machine learning covers significant ground in various verticals – including image recognition, susceptibility of the smart grid, smart grid stability, predict the electrical load, intelligent manufacturing systems, genomics, design vertical farming solutions, building modular structures, automated recommendation tools for bio processing and bio production, cyber security, facial recognition, and more. As an increasing amount of businesses are realising that business intelligence is profoundly impacted by machine learning, and thus are choosing to invest in it. ML tools enable organizations to identify profitable opportunities and potential risks at better ROI. With far less CAPEX and OPEX now, Machine Learning is the differentiator in success of major projects today.

## Resource Persons

Resource persons drawn from ACM, Industries and Institutions of repute.

## Registration is open to

Faculty members in any discipline of Engineering, Sciences, Mathematics, Life sciences and Management, Research Scholars, who have an aptitude to work in the areas of data sciences and machine learning.

## For any queries regarding workshop, contact:

Research Scholars, Dept. of CSE :  
P. Prasanthi, T. Spandana, P. Sai Reethi

Mail ID: mlenggerUSA@gmail.com  
Phone: +91 9959956738

Venue: Department of Computer Science & Engineering, Osmania University, Hyderabad.



A 3-DAY HANDS-ON FACULTY DEVELOPMENT PROGRAMME ON

## Machine Learning in Engineering

(6th-8th January, 2022)

Coordinator

Dr.P.V.Sudha, Director, CoE, AIML, OU.

Co-Coordinator

Dr. Tilottama Goswami, Chair, ACM Hyd Deccan chapter

Organized By



Centre of Excellence

Artificial Intelligence and Machine Learning,

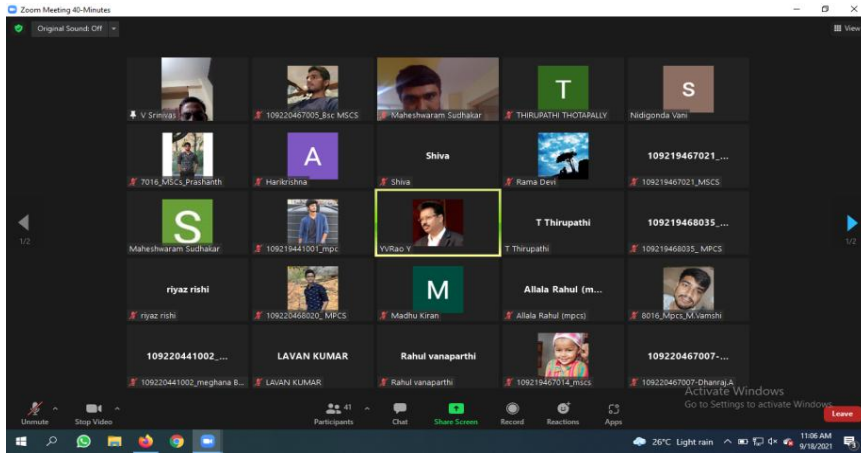
Osmania University  
(Under RUSA 2.0)

In Technical collaboration with  
ACM Hyderabad Deccan Chapter

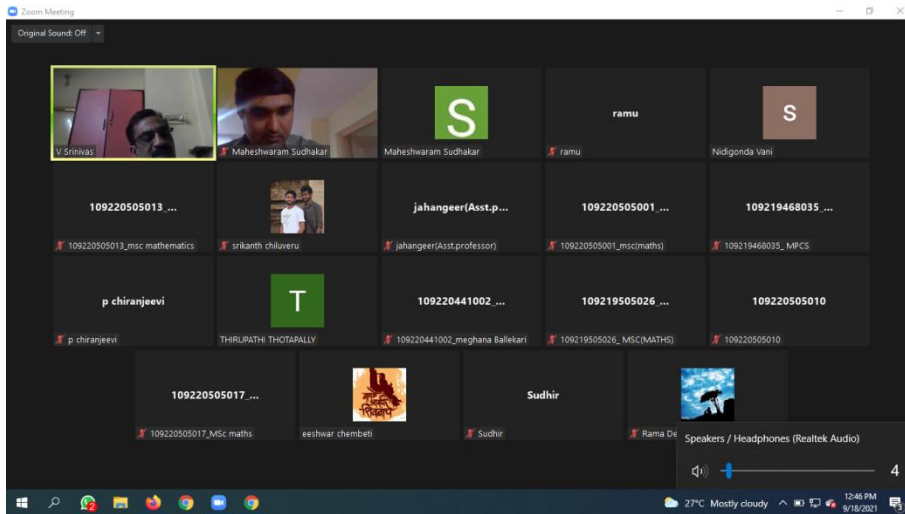




In occasion of Science Day Celebrations 2021  
Our Students presented a topic on technology  
development impacts in Science Exhibition on  
On 03-03-2021



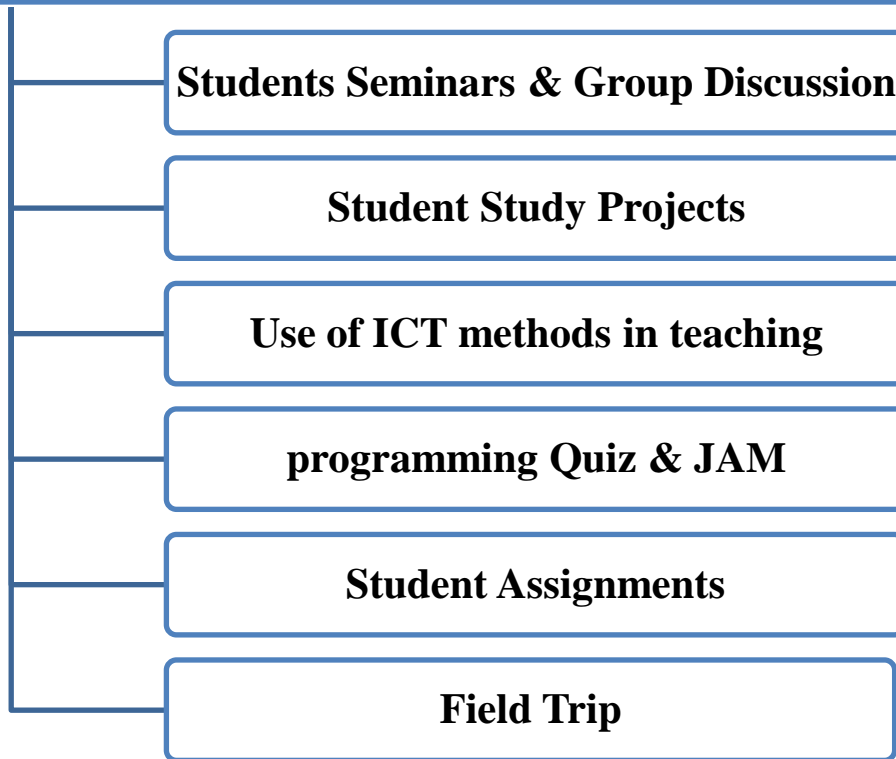
# Online seminar for students





# Student Centric Activities

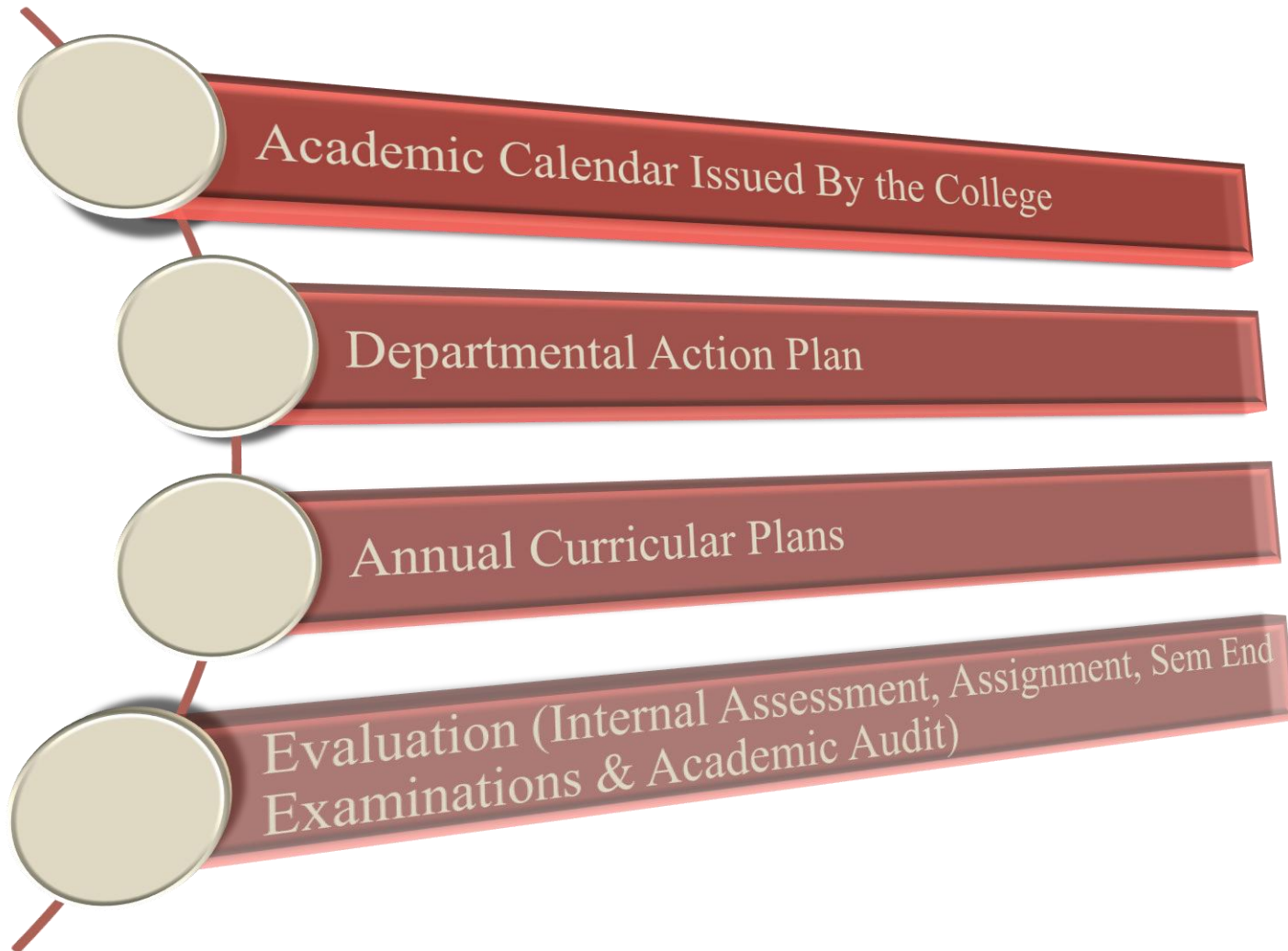
As part of teaching learning process the department focuses on implementation of students centric activities such as



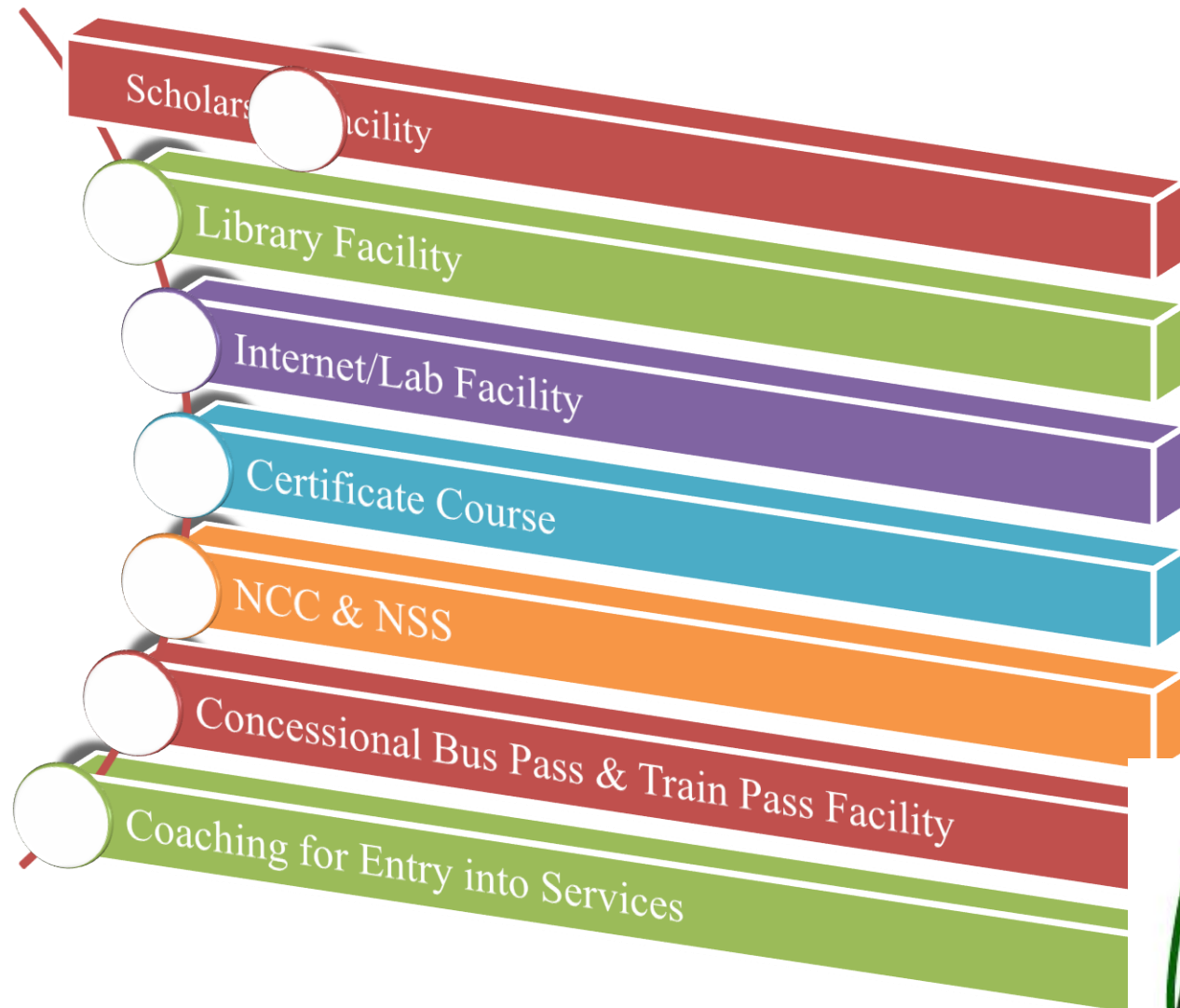
# Curriculum Enrichment

- To enrich the curriculum, the institution has taken initiatives like
- Guest Lectures, Extension Lectures.
- Seminars, Student projects
- NSS and NCC

# Teaching learning Evaluation



# Students Support Activities



**THANK YOU**

**DEPARTMENT OF COMPUTER SCIENCE**

