HINDI MAHAVIDYALAYA

(Autonomous & NAAC Re-accredited)

(Art, Commerce, Management, Science and PG)
Affiliated to Osmania University, Nallakunta, Hyderabad -500044
Phone: 040-27616330

LEARN THE 21ST CENTURY WAY

A Workshop on

SCRATCH PROGRAMMING

Application Development

Date & Time: 23rd SEPT 2023 at 10:00 am to 01:00 pm

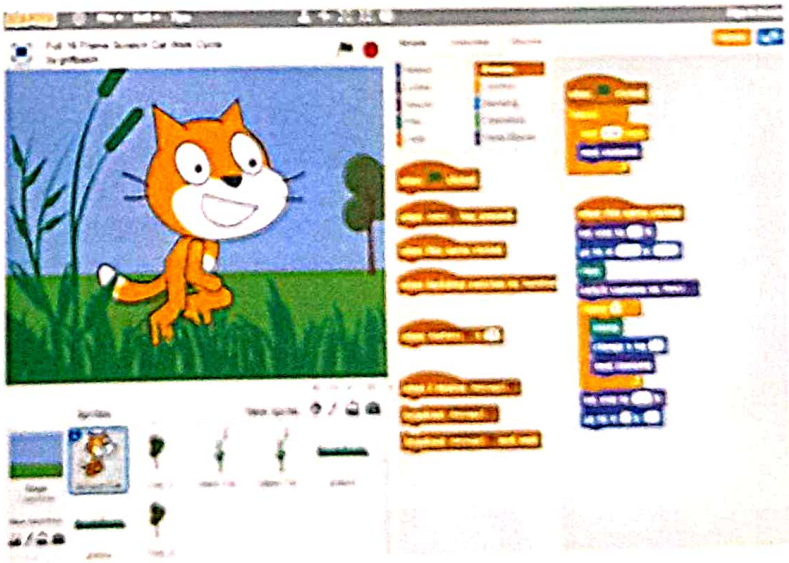
forever
meet
share
learn

KEEP LEARNING

INSTRUCTOR:
L. AVINASH PAL

SMALL GROUPS
EXCITING TOPICS
ENGAGING ACTIVITI

WHY LEARN SCRATCH



VENUE: HINDI MAHAVIDYALAYA CAMPUS

REPORT FOR WORKSHOP

HINDI MAHAVIDYALAYA

AUTONOMOUS & NAAC- REACCREDITED
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DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

PRESENT A WORKSHOP
ON
SCRATCH PROGRAMMING APPLICATION DEVELOPMENT

BY: AVINASH PAL LIDLAAN
HOD COMPUTER SCIENCE & APPLICATIONS
HINDI MAHAVIDYALAYA DEGREE & PG COLLEGE

Date: SEPT 23rd , 2023

Time: 10:00 am - 1:00 pm

Attending students: B.Sc , B.com (CA) & BBA 1st, 2nd & 3rd year.

ABOUT THE WORKSHOP

one day Workshop on "Scratch Programming Application Development" for B.com & B.Sc students was organized by the Department of Computer Science & Applications on Sept 23rd, 2023. There were 110 participants who attended the session.

REPORT FOR WORKSHOP

ABOUT TRAINER

AVINASH PAL LIDLAAN graduated with a M.Tech degree in Computer Science Engineering from JNTU Hyderabad in the year 2014. He has 9 years of teaching experience & earlier he has worked as Asst. Professor from July 2014 to August 2020 in **PRRM ENGINEERING COLLEGE & INDIRA PRIYADARSHINI GOVT WOMEN'S DEGREE COLLEGE** as Asst. Professor from August 2020 to July 2022. Later he joined **HINDI MAHAVIDYALAYA DEGREE & PG COLLEGE as Asst. Professor Cum IT Head** from August 2022.

Overview:

Android App Development Workshop mainly focuses on how to use Android OS for building your own Android Application. Only the basic knowledge of programming is required for Android App Development, you do not have to be a geek for it. The workshop will start from the basics like designing layouts and building complex layouts. Once the basics of Android are done, we will begin with building Apps.

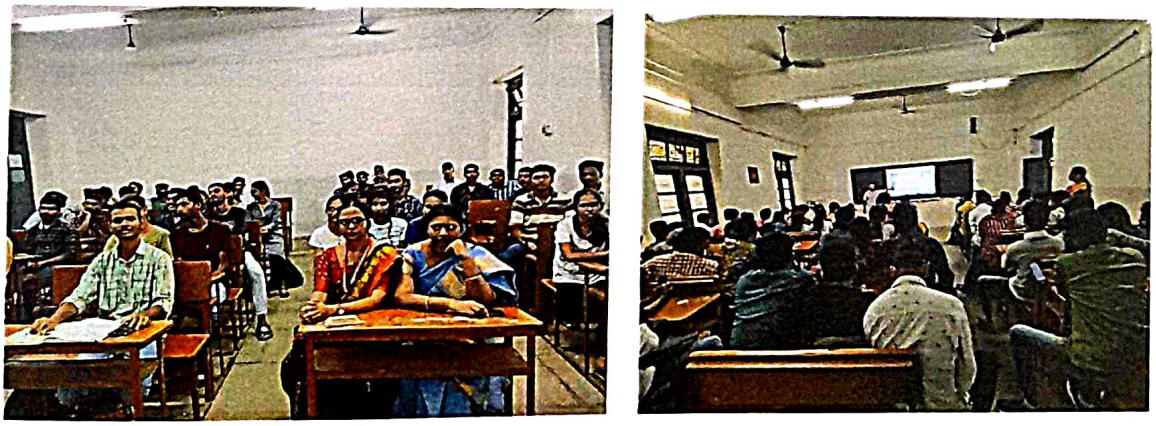
The duration of this workshop will be two consecutive days, with eight hours session each day in a total of sixteen hours, properly divided into theory and hand on practical sessions.

SESSION:

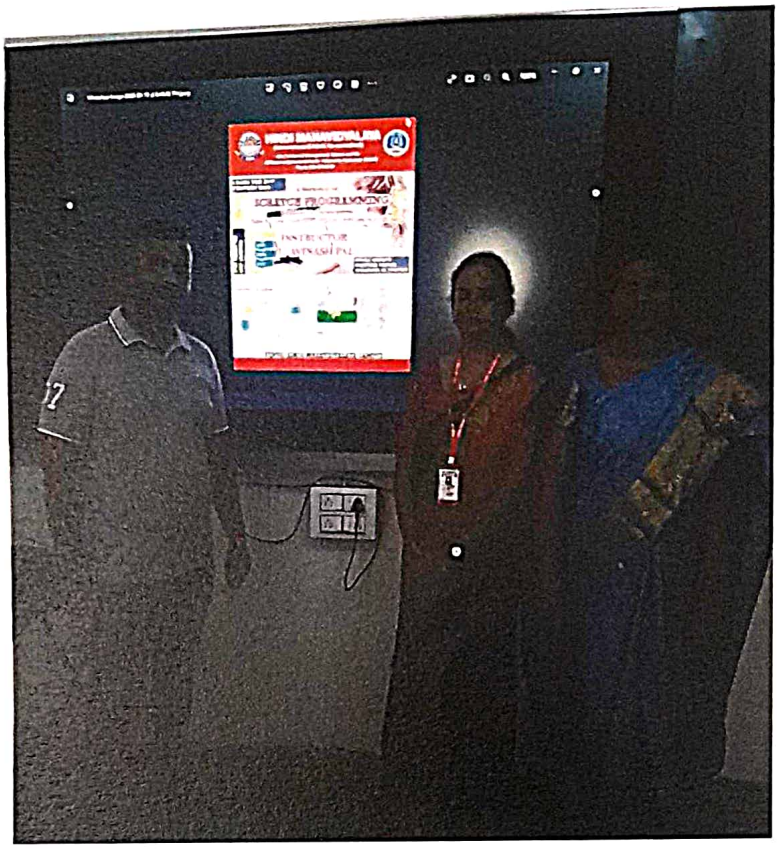
1. Introduction
   Introduction to scratch app and block programming.
2. Introduction to gaming concepts & logic
   Essential tool in a basic game app project.
3. UI Designing in game applications
   Introduction to activity and its life cycle.
4. Functionality
   Designing user interface with various layouts and built-in controls.
5. Addition of Features
   Launching application activities and passing data between activities. Invoking built-in apps.

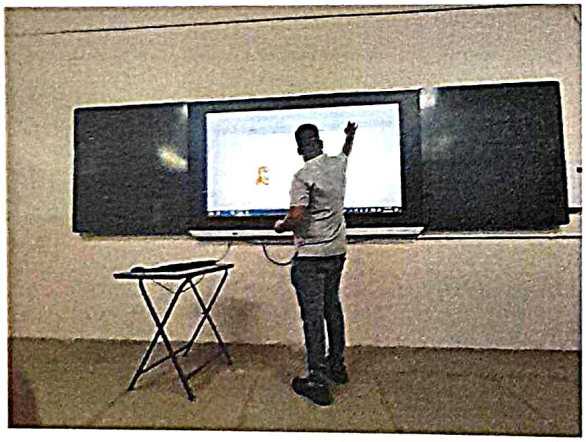
PHOTO GALLERY

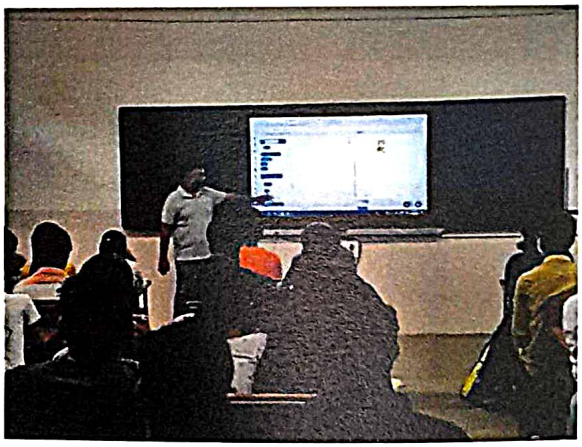
BROCHURE OF WORKSHOP



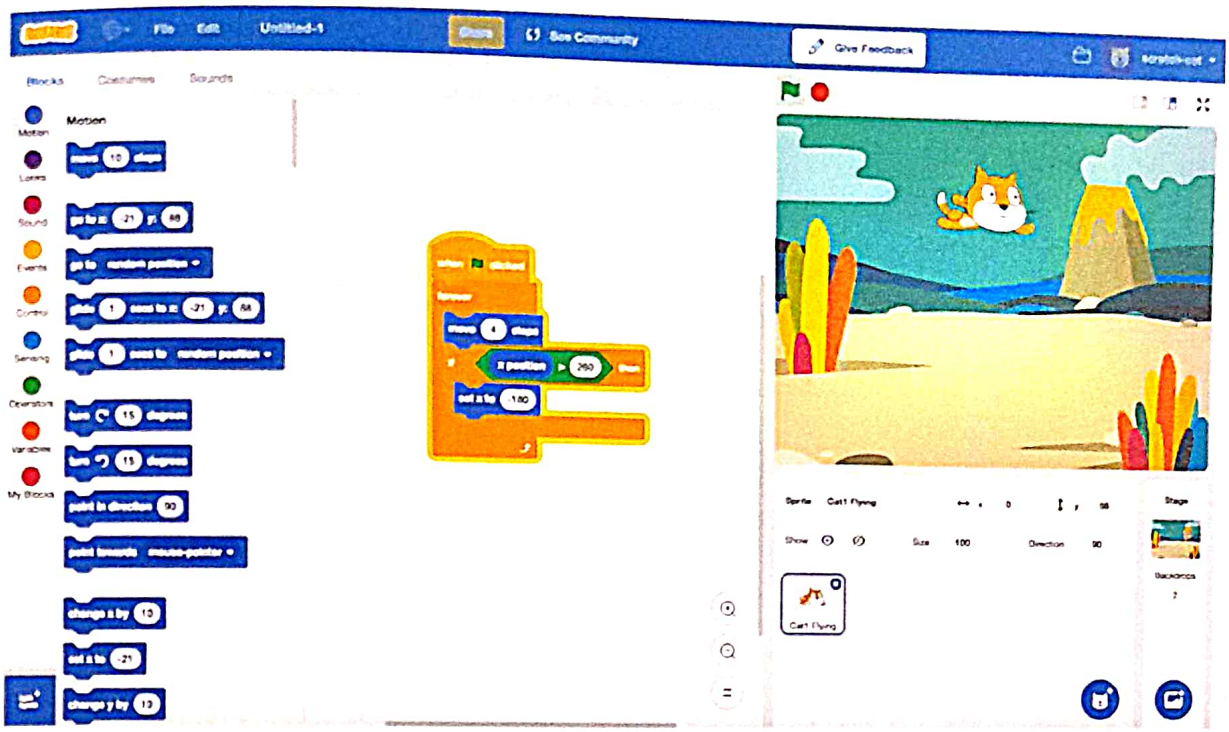
STUDENT PRESENT IN WORKSHOP







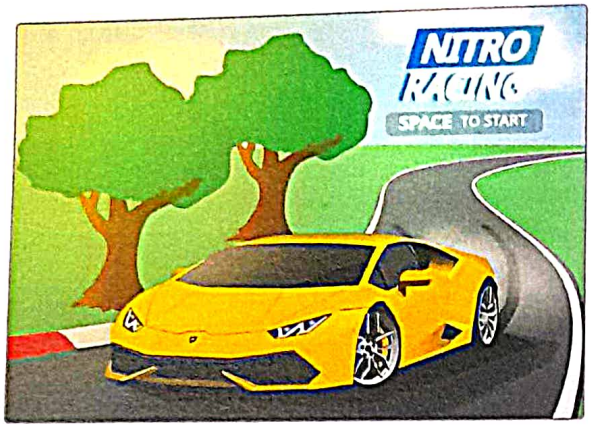
WORKSHOP TRAINER



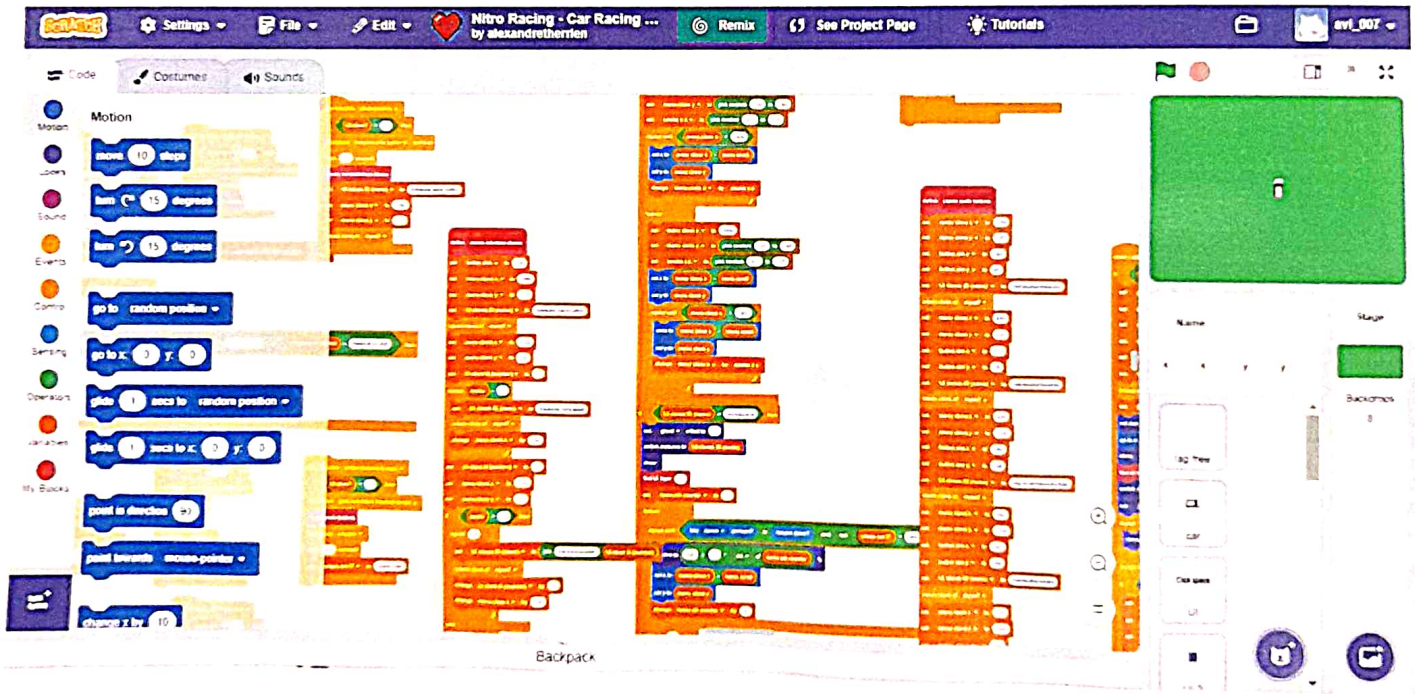
FLYING OBJECT GAME APPLICATION CREATION

LANGUAGE TRANSLATION APPLICATION CREATION

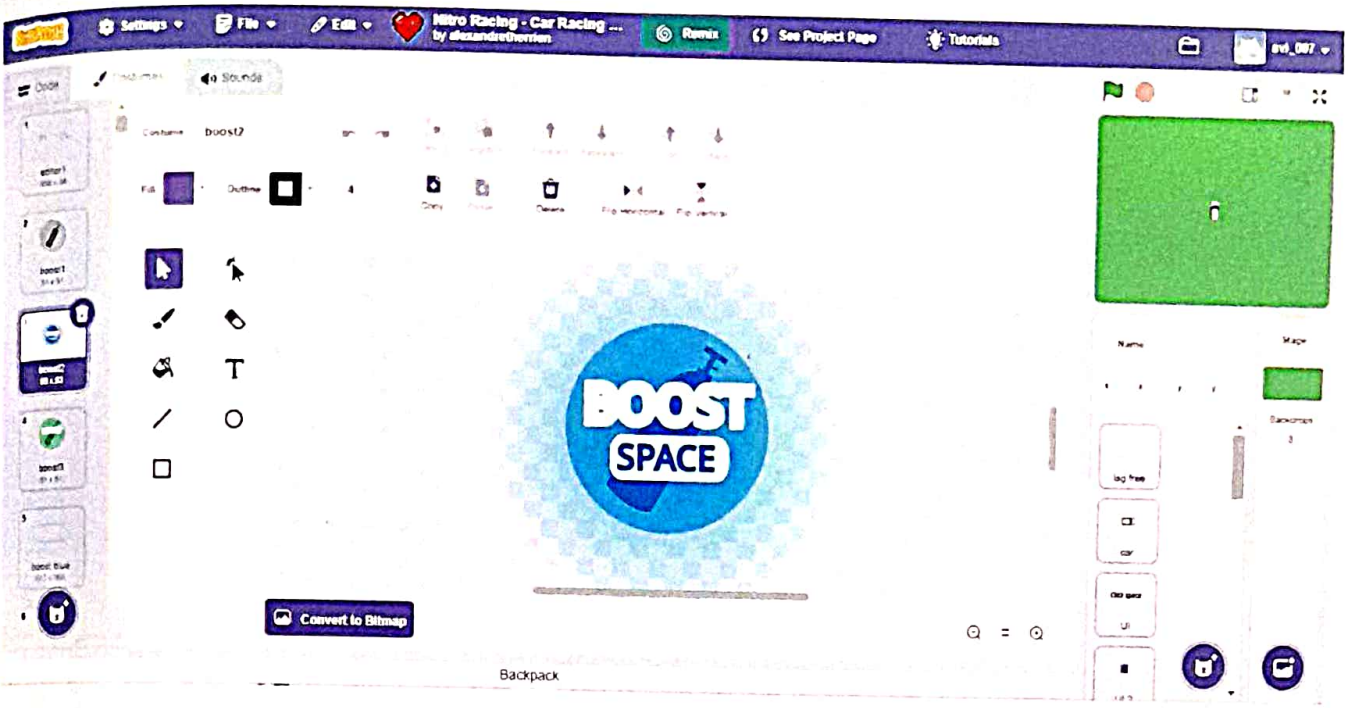
PROJECT ON GAME



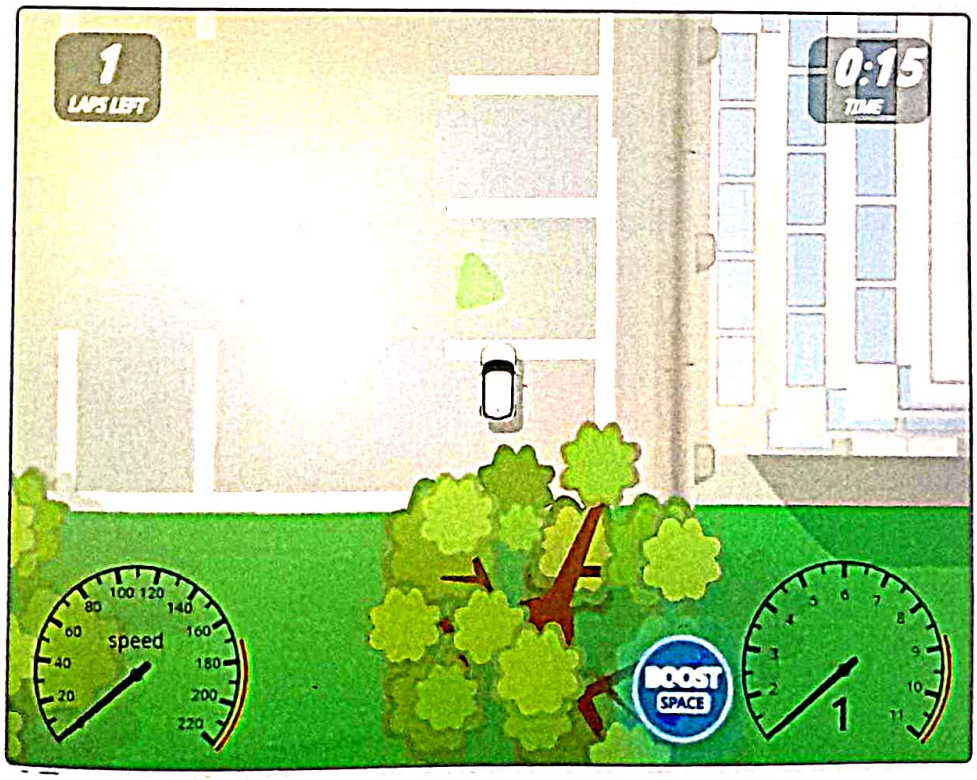
CREATED RACING CAR GAME



CREATED RACING CAR GAME CODE



RACING CAR GAME INPUT



RACING CAR GAME OUTPUT

PROGRAM OUTCOME

1. **student will be able to create gaming app in open source.**
2. **Student learned basic coding in w.r.t app.**
3. **Student encouraged to build various gaming app in scratch.mit.edu website.**
4. **Student have learned block programming.**

STUDENTS FEEDBACK

The session was highly informative and interesting.

Name	Roll No	Department/year	sign	Remarks
Ch. Keerthi	3	BSC (1st year)	Ky.	
S. Gayatri		BS.c (1st year)		
B. Manasa		BSC. (1st years)		
S Madhulatha		B.com (1st year)		
B. Akshaya		B.Com (1st year)	Akshaya	
L. Anjali		B.Com (1st year)	Anjali	
A. Harshavardhan		BSC (1st years)	Harshavardhan	
D. Eshwar		BSC (1st year)		
B. Anil Kumar		BSC (1st year)		
Sk. Imran		B.Sc (1st year)	Imran	
K. Mani teja		B.Sc (1st year)	Mani	
D. Naveen Kumar		B.Sc (1st year)	Naveen	
G. Praveen Kumar		B.Sc (1st year)		
L. Vishnu		B.Sc (MSCS) (1st year)		
A. Sharan Kumar		B.Sc(MSCS) (1st year)	Sharan	
D. Sai Kiran		B. Com(C.A) (1st year)	D. Sai Kiran	
V. Varun		B.Com (CA) (1st year)	V. Varun	
B. Manideep		B. COM (CA) (1st year)	B. Manideep	
A. Manichand		B. Com (CA) (1st yes)	A. Mani	
B. Rajesh		B.com (CA) (1st year)	B. Rajesh	
S. Sathya		B. COM (CA) (1st year)	S. Sathya	
B. Jaya Sai Varma		B. Com (CA) (1st yes)		
Feb02		B. Com (CA) (1st year		
K. Revanth		B. com (CA) (1st year)	Revanth	
K. Vishwa teja		B. Com (CA) (1st year)	K. Teja	
E. Madhukar		B.Com (CA)	1st year	E. Madhukar
T. Rajesh		B.Com (CA)	1st year	T. Rajesh
A. Venkat		B.Sc (2nd year) (MSCS)		A. Venkat
M. Naveen		BBA (2nd year)		Naveen
M. Bhargav		B. Com (2nd year)		
V. Uma		B.B.A (1st year)		
P. Shiva		B.B.A (BA) 1st yr		
J. Vijay		B.B.A (B.A) 1st year		Vijay

Name	Roll No	Department	Sign	Remarks
T. Sujata	20	B.Sc(MSCS) III rd yr	Sujata	
B. Srinidhi	09	Bsc(MSCS) III rd yr	Srinidhi	
K. Sanjanya	11	BSC(MSCS) III rd yr	Sanjanya	
Hari Om pandey	07	Bsc(MSCS) III rd yr	Hariom	
B. Goutham	01	BSC(MSCS) III rd yr	Goutham	
B. Archana	03	Bsc (Mpcs) III rd Year		
A. Mallesh	01	BSC (MPCS) III rd Year	Mallesh	
B. Varun	09	BSC (MPCS) III rd yr	Varun	
B. Nandu Kishor	04	Bsc (MPCS) III rd yr		
P. Sampath	25	Bsc (MPCS) III rd yr		
L. Vaishnavi	13	Bsc (MSCS) III yr.	Vaishnavi	
V. Maruthi goud		BSC (MPCS)	I st year	Maruthi
L. Manoj		BSC (MPCS)	1st year	L. Manoj
B. Laxmi prasanna	06	BSC (MPCS)	III yr	Laxmi
V. Ajay	21	BSC (MSCS)	III yr	