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Madanapalle-517325, Andhra Pradesh, India.



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ANNUAL REPORT OF

ARC CLUB

ACADEMIC YEAR 2025-26

Events Overview

Total Events Conducted: 3

- ARC Club Inauguration (Attendees: 64)
- Developer Essentials: Git, GitHub basis-I (Attendees: 120)
- Developer Essentials: Git, GitHub basis-II (Attendees: 56)

Total Projects/Research Paper(s) worked on: 4

Projects:

- NoDues Platform (Live Project URL: <https://nodues-arcclub.tech>)
- HireMinds AI – AI interviewer for interview screening rounds

Research Papers (Ongoing):

- Secure Trace – Privacy Preserving Location verification system
- Sonic-Mark – Smart attendance concept using the ultrasonic frequency-based authentication

Submitted by: Mr. G. Rajkumar, Assistant Professor, CSD.

Student Coordinators:

- C. Usman Gani, II CSD-E
- T. Yugesh, II CSD-E

Event – 01

ARC Club Inauguration

Report:

A REPORT ON

Inauguration of

"ARC CLUB" -Applied Research & Creation

on 19.02.2025



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WE INVITE YOU TO THE INAUGURATION OF



ARC CLUB

APPLIED RESEARCH & CREATION

Under Student Activity Center (SAC)



Register Now

A structured student community for building and completing real-world projects



19-02-2026
THURSDAY



03:00 PM



Seminar
Hall - C

CHIEF PATRON Dr. N. Vijaya Bhaskar Choudary Founder & Chancellor	PATRONS Mrs. Keerthi Nadella Executive Director	Shri N. Dwarakanath Pro - Chancellor	PROGRAM CHAIR Dr. C. Yuvaraj Vice - Chancellor	PROGRAM CO-CHAIR Dr. P. Ramanathan Principal
CHIEF GUEST Dr. S. Kusuma HOD, CSD Dept	SAC COORDINATOR Dr. G. Reddy Hemantha Asst. Professor - ECE	SAC CO-COORDINATORS Mr. V. Naveen Mr.B.S.H.Shayeez Ahamed	FACULTY COORDINATOR Mr. G. Rajkumar Asst. professor - CSD	STUDENT COORDINATORS Mr. T. Yugesh, II CSD-E Mr. C. Usman Gani, II CSD-E

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Submitted by: Mr. G. Rajkumar, Assistant Professor, CSD.

Organized by: ARC CLUB

Student Coordinators:

- C. Usman Gani, II CSD-E
- T. Yugesh, II CSD-E

Student Volunteers:

- C. Zainul Amaan II CSE-E
- G. TejaSree II CSD-E
- P. Venkata Tejesh Reddy II CSD-E
- Y. Vikash II CSD-E

Venue: Seminar Hall-c

Time: 3PM-5PM

Report Received on:

Mode of Conduct: Offline

Attendees Count: 64

The inauguration of **ARC Club (Applied Research & Creation)** was conducted on **February 19, 2026**, at **Seminar Hall - C**, under the Student Activity Cell (SAC).



ARC Club was established with the objective of providing a structured execution framework for students to build and complete real-world projects across multiple domains, including Web Development, Data Science, Machine Learning, Automation, and Research-based systems.



The event began with the formal inauguration by the respected Head of the Department of Data Science and SAC Coordinator. During the session, the vision, operating model, and execution framework of ARC were clearly presented. The structured workflow of the club — starting from Idea Pool submission, followed by Planning & System Design, Development Phase, Testing & Documentation, and Faculty Review — was explained in detail.





The **official ARC website** was also launched by the HoD of CSD, showcasing the execution model and workflow structure. The platform reflects the club's focus on discipline, structured collaboration, and completion of projects.

Link : <https://arc-club.vercel.app>



An interactive segment was conducted towards the end of the session, encouraging students to actively share their ideas. Three students voluntarily came forward and presented their project ideas, demonstrating engagement and interest in the club's objectives.



The event concluded with the announcement of the Idea Pool opening, inviting students to submit project proposals through the official Google Form for the first execution cycle.

Outcome of the Event:

The inauguration of ARC Club successfully:

- Introduced a structured project execution model to students.
- Created awareness about disciplined collaboration and completion-focused development.
- Initiated idea submissions for the first project cycle.

Report:



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A REPORT ON

Workshop Titled

“Developer Essentials: Git, GitHub basics”

Organized by

"ARC CLUB" -Applied Research & Creation

on 27.02.2026



The poster features the MITS logo at the top center, flanked by the university's name and its UGC Act status. Below this, the workshop title 'DEVELOPER ESSENTIALS' is prominently displayed, followed by 'A WORKSHOP BY ARC CLUB' and 'Under Student Activity Center (SAC)'. The date '27 27-02-2026 Friday' and time '03:00 PM' are listed on the left, along with the location 'SRB 209 & SRB 219'. A 'Register Now' button and a QR code are in the center. Logos for VS Code, GIT, and GITHUB are on the right. At the bottom, a table lists the organizing committee members: Chief Patron (Dr. N. Vijaya Bhaskar Choudary), Patrons (Mrs. Keerthi Nadella and Shri N. Dewarakanath), Program Chair (Dr. C. Yuvraj), Program Co-Chair (Dr. P. Ramanathan), SAC Coordinator (Dr. G. Reddy Hemanth), SAC Co-Coordinator (Mr. V. Navneen), Faculty Coordinator (Mr. G. Rajkumar), and Student Coordinators (Mr. T. Yugesh and Mr. C. Umesh Ganesh).

CHIEF PATRON	PATRONS	PROGRAM CHAIR	PROGRAM CO-CHAIR
Dr. N. Vijaya Bhaskar Choudary Founder & Chancellor	Mrs. Keerthi Nadella Executive Director	Shri N. Dewarakanath Pro-Chancellor	Dr. C. Yuvraj Vice-Chancellor
SAC COORDINATOR	SAC CO-COORDINATOR	FACULTY COORDINATOR	STUDENT COORDINATORS
Dr. G. Reddy Hemanth Asst. Professor - CSE	Mr. V. Navneen Mr. B.S.H. Shayez Ahamed	Mr. G. Rajkumar Asst. professor - CSE	Mr. T. Yugesh, B.CSD-E Mr. C. Umesh Ganesh, B.CSD-E

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Submitted by: Mr. G. Rajkumar, Assistant Professor, CSD.

Organized by: ARC CLUB

Student Coordinators:

- C. Usman Gani, II CSD-E
- T. Yugesh, II CSD-E

Student Volunteers:

- C. Zainul Amaan II CSE-E
- G. TejaSree II CSD-E
- P. Venkata Tejesh Reddy II CSD-E
- Y. Vikash II CSD-E
- P. Venkata Rahul Naidu II CSD-E

Venue: SRB 209 & SRB 219

Time: 3PM-5PM

Report Received on:

Mode of Conduct: Offline

Attendees Count: 112

The workshop titled “**Developer Essentials: Git & GitHub**” was organized by the **ARC Club** under the **Student Activity Council (SAC)** of Madanapalle Institute of Technology & Science on **27th February 2026** from **3:00 PM to 5:00 PM**.



The workshop was primarily intended for **first-year and second-year students**, with the objective of introducing them to version control systems

and collaborative development practices used in modern software development.

The workshop was conducted in **two parallel sessions** to ensure effective hands-on participation. One session was conducted in the class room for students who brought their personal laptops, while the other session was conducted in the computer laboratory for students who required access to systems.



The sessions were handled by **Mr. C. Usman Gani** and **MR. C. Zainul Amaan**, who served as the resource persons for the workshop. The session began with an introduction to the concept of **Version Control** and the importance of managing project changes systematically during software development. Students were then introduced to **Git**, a distributed version control system used to track changes in project files.

The workshop covered the fundamental **Git workflow**, including initializing a repository, tracking changes, committing updates, and understanding commit history. Participants were guided through the basic commands such as **git init**, **git add**, **git commit**, and **git status**, enabling

them to understand how changes are recorded and maintained within a project.



In the second part of the workshop, students were introduced to **GitHub**, the cloud-based platform used for hosting Git repositories and collaborating on projects. Participants learned how to create repositories on GitHub, connect local projects to remote repositories, push code online for structured collaboration.

To provide practical exposure, the participants were also guided through **deploying a simple web project using GitHub Pages**, enabling them to host their project live on the internet. This activity allowed students to see

the direct outcome of their work and understand the workflow from local development to live deployment.



Outcome of the Event:

The workshop **“Developer Essentials: Git & GitHub”** provided participants with practical exposure to version control and collaborative development practices. Students gained hands-on experience in:

- Understanding the concept and importance of Version Control.
- Initializing and managing Git repositories.
- Tracking project changes using commits and commit history.
- Deploying a simple web project using GitHub Pages.

The session successfully introduced students to structured development workflows and encouraged them to adopt version control practices while working on academic and personal projects.

Attendance Sheets:

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MITs ARC club under SAC
Developer Essentials : Git, GitHub on 27-02-2006

ATTENDANCE SHEET

S.No	Enter Your Name	Roll Number	Department	Year	Signature
1	T. S. Srinivas	25MR00001	CS-E	I	T. S. Srinivas
2	S. Chaitanya	25MR00002	CS-E	I	S. Chaitanya
3	P. S. Srinivas	25MR00003	CS-E	I	P. S. Srinivas
4	V. S. Srinivas	25MR00004	CS-E	I	V. S. Srinivas
5	A. S. Srinivas	25MR00005	CS-E	I	A. S. Srinivas
6	R. S. Srinivas	25MR00006	CS-E	I	R. S. Srinivas
7	M. S. Srinivas	25MR00007	CS-E	I	M. S. Srinivas
8	K. S. Srinivas	25MR00008	CS-E	I	K. S. Srinivas
9	P. S. Srinivas	25MR00009	CS-E	I	P. S. Srinivas
10	R. S. Srinivas	25MR00010	CS-E	I	R. S. Srinivas
11	D. S. Srinivas	25MR00011	CS-E	I	D. S. Srinivas
12	S. S. Srinivas	25MR00012	CS-E	I	S. S. Srinivas
13	P. S. Srinivas	25MR00013	CS-E	I	P. S. Srinivas
14	R. S. Srinivas	25MR00014	CS-E	I	R. S. Srinivas
15	M. S. Srinivas	25MR00015	CS-E	I	M. S. Srinivas
16	K. S. Srinivas	25MR00016	CS-E	I	K. S. Srinivas
17	P. S. Srinivas	25MR00017	CS-E	I	P. S. Srinivas
18	R. S. Srinivas	25MR00018	CS-E	I	R. S. Srinivas
19	D. S. Srinivas	25MR00019	CS-E	I	D. S. Srinivas
20	S. S. Srinivas	25MR00020	CS-E	I	S. S. Srinivas
21	P. S. Srinivas	25MR00021	CS-E	I	P. S. Srinivas
22	R. S. Srinivas	25MR00022	CS-E	I	R. S. Srinivas
23	M. S. Srinivas	25MR00023	CS-E	I	M. S. Srinivas
24	K. S. Srinivas	25MR00024	CS-E	I	K. S. Srinivas
25	P. S. Srinivas	25MR00025	CS-E	I	P. S. Srinivas
26	R. S. Srinivas	25MR00026	CS-E	I	R. S. Srinivas
27	D. S. Srinivas	25MR00027	CS-E	I	D. S. Srinivas
28	S. S. Srinivas	25MR00028	CS-E	I	S. S. Srinivas
29	P. S. Srinivas	25MR00029	CS-E	I	P. S. Srinivas
30	R. S. Srinivas	25MR00030	CS-E	I	R. S. Srinivas
31	M. S. Srinivas	25MR00031	CS-E	I	M. S. Srinivas
32	K. S. Srinivas	25MR00032	CS-E	I	K. S. Srinivas
33	P. S. Srinivas	25MR00033	CS-E	I	P. S. Srinivas
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35	D. S. Srinivas	25MR00035	CS-E	I	D. S. Srinivas
36	S. S. Srinivas	25MR00036	CS-E	I	S. S. Srinivas
37	P. S. Srinivas	25MR00037	CS-E	I	P. S. Srinivas
38	R. S. Srinivas	25MR00038	CS-E	I	R. S. Srinivas
39	M. S. Srinivas	25MR00039	CS-E	I	M. S. Srinivas
40	K. S. Srinivas	25MR00040	CS-E	I	K. S. Srinivas
41	P. S. Srinivas	25MR00041	CS-E	I	P. S. Srinivas
42	R. S. Srinivas	25MR00042	CS-E	I	R. S. Srinivas
43	D. S. Srinivas	25MR00043	CS-E	I	D. S. Srinivas
44	S. S. Srinivas	25MR00044	CS-E	I	S. S. Srinivas
45	P. S. Srinivas	25MR00045	CS-E	I	P. S. Srinivas
46	R. S. Srinivas	25MR00046	CS-E	I	R. S. Srinivas
47	M. S. Srinivas	25MR00047	CS-E	I	M. S. Srinivas
48	K. S. Srinivas	25MR00048	CS-E	I	K. S. Srinivas
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50	R. S. Srinivas	25MR00050	CS-E	I	R. S. Srinivas

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MITs ARC club under SAC
Developer Essentials : Git, GitHub on 27-02-2006

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S.No	Enter Your Name	Roll Number	Department	Year	Signature
1	N. Neha Choudhary	25MR00151	CSM-C	I	N. Neha Choudhary
2	P. Lohitha	25MR00152	CSM-C	I	P. Lohitha
3	P. Silubna Kousa	25MR00153	CSM-C	I	P. Silubna Kousa
4	H. S. Raviya	25MR00154	CSM-C	I	H. S. Raviya
5	A. Tharun	25MR00155	CSM-E	I	A. Tharun
6	J. Tharun	25MR00156	CSM-E	I	J. Tharun
7	M. Yashwanth	25MR00157	CSM-E	I	M. Yashwanth
8	G. Yashwanth	25MR00158	CSM-E	I	G. Yashwanth
9	N. Yashwanth	25MR00159	CSM-E	I	N. Yashwanth
10	G. Yashwanth	25MR00160	CSM-E	I	G. Yashwanth
11	V. Sathya Sai	25MR00161	CSM-E	I	V. Sathya Sai
12	M. Sathya Sai	25MR00162	CSM-E	I	M. Sathya Sai
13	A. Sathya Sai	25MR00163	CSM-E	I	A. Sathya Sai
14	Chandrasekhar	25MR00164	CSM-E	I	Chandrasekhar
15	PALAKI Lakshmi	25MR00165	CSM-E	I	PALAKI Lakshmi
16	K. Sai Ravi	25MR00166	CSM-E	I	K. Sai Ravi
17	P. Sathya Sai	25MR00167	CSM-E	I	P. Sathya Sai
18	K. Sathya Sai	25MR00168	CSM-E	I	K. Sathya Sai
19	P. Sathya Sai	25MR00169	CSM-E	I	P. Sathya Sai
20	G. Sathya Sai	25MR00170	CSM-E	I	G. Sathya Sai
21	G. Sathya Sai	25MR00171	CSM-E	I	G. Sathya Sai
22	B. Sathya Sai	25MR00172	CSM-E	I	B. Sathya Sai
23	Shaila Devi	25MR00173	CSM-E	I	Shaila Devi
24	B. Sathya Sai	25MR00174	CSM-E	I	B. Sathya Sai



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1	SOMPALLI KASTHIK	25MRA06079	CAT	1 year	S.K. L
2	T. Nandakishore	25MRA06103	CAT	1 year	T. Nandakishore
3	M. Hemant Kumar	25MRA06065	CAT	1 year	M. Hemant Kumar
4	K. Siva Varjani	25MRA06151	CAT	1 year	K. Siva Varjani
5	B. Vysravan	25MRA0588	CSE	1 year	B. Vysravan
6	L. Niharika	25MRA05167	CSE	1 year	L. Niharika
7	V. Niharika	25MRA05168	CSE	1 year	V. Niharika
8	P. ARAVINDH	25MRA05213	CSE	1 year	P. ARAVINDH
9	Y. Sumanth	25MRA06159	CAT - C	1st year	Y. Sumanth
10	Sysavalli	25MRA06162	CAT - C	1st year	Sysavalli
11	M. Sai Bhandu	25MRA06172	CAT - C	1st year	M. Sai Bhandu
12	M. Gana Tharwita	25MRA07078	CSM - B	1st year	M. Gana Tharwita
13	S. Mura Farziya	25MRA07107	CSM - B	1st year	S. Mura Farziya
14	S. Syeda Anmol	25MRA07053	CSM - E	1st year	S. Syeda Anmol
15	M. Anmol	25MRA07053	CSM - E	1st year	M. Anmol
16	P. Yashmitha	25MRA07304	CSM - E	1st year	P. Yashmitha
17	N. Vihar Khan	25MRA07354	CSM - E	1st year	N. Vihar Khan
18	G. Vamsi	25MRA07379	CSM - E	1st year	G. Vamsi
19	H. Vamsi Prasad	25MRA07378	CSM - E	1st year	H. Vamsi Prasad
20	K. Adhish	25MRA07005	CSM - A	1st year	K. Adhish
21	B. Ganesh	25MRA07010	CSM - B	1st year	B. Ganesh
22	B. Omka	25MRA07163	CSM - C	1st year	B. Omka
23	P. Aravindh	25MRA07030	CSM - A	1st year	P. Aravindh
24	G. Chaitra Sai	25MRA07048	CSM - A	1st year	G. Chaitra Sai
25	B. Bhuvanachandrika	25MRA07043	CSM - A	1st year	B. Bhuvanachandrika
26	P. Deedipya	25MRA07056	CSM - A	1st year	P. Deedipya
27	K. Nithila	25MRA07128	CSM - C	1st year	K. Nithila
28	P. Poojitha	25MRA07172	CSM - C	1st year	P. Poojitha
29	T. Pranitha	25MRA07177	CSM - C	1st year	T. Pranitha
30	K. Lalitha	25MRA07131	CSM - C	1st year	K. Lalitha
31	N. Lakshmi Reddy	25MRA07180	CSM - C	1st year	N. Lakshmi Reddy
32	E. Unnathi Reddy	25MRA07092	ECE - B	1st year	E. Unnathi Reddy
33	S. Pindya	25MRA07091	CSM - A	1st year	S. Pindya
34	S. Chandana Gowri	25MRA07049	CSM - A	1st year	S. Chandana Gowri
35	S. Ayesha Saran	25MRA07051	CSM - A	1st year	S. Ayesha Saran
36	B. Pavithra	25MRA07169	CSM - C	1st year	B. Pavithra

Feedback:

Email Address	Enter Your Name	Roll Number	Were the concepts explained clearly?	What can be improved?	How was the overall workshop ?	Which technical skill you would like to learn?
kondetignan ateja@gmail.com	KONDETI GNANA TEJA	25mra 05082	Yes		Excellent	Vs code
seethijayavar dhanreddy@ gmail.com	Jaya Vardhan Reddy	25mra 09114	Yes		Excellent	Data analysis
gowthamdatt a753@gmail.com	R Gowtham	25MR A0908 3	Yes	Nothing	Excellent	Giy and github
yoshmithabu bly1@gmail.com	Palem yoshmitha bubly	25MR A0930 4	Yes		Excellent	Coding
karthiksomp alli2007@gm ail.com	Sompalli karthik	25mra 06079	Yes	Speed of teaching	Good	Ai tools
boss8055257 7@gmail.co m	N Tahir Khan	25MR A0925 4	Yes	Attendance must be improved Signs must be taken from first btech streams coordinators	Excellent	Git, github
saitirumales h70@gmail.c om	ANNIKAPATI TIRUMALES H BABA	25MR A0927 0	Yes	Improve attendance	Excellent	Git Github

Event – 03

Workshop: Developer Essentials: Git, GitHub basics-II

Permission Letter:



MIT

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(Deemed to be University under section 3 of UGC Act, 1956)

Date: 27/2/26

To

The Principal

Madanapalle Institute of Technology & Science

Madanapalle

Subject: Request to Provide Attendance for Participants of Git & GitHub Workshop

Respected Sir,

We respectfully request approval to provide attendance to the students who will be participating in the Hands-On Workshop titled "Developer Essentials: Git & GitHub", scheduled to be conducted on 26th February from 3:00 PM to 5:00 PM.

The workshop is being organized by ARC Club with the objective of introducing students to version control, collaborative development workflows, and project deployment using GitHub. The session is primarily intended for First and Second Year students.

We kindly request that attendance be granted to the registered participants for the duration of the workshop. The final list of attendees will be submitted after the completion of the session.

Thanking you.

Yours sincerely,
C.Usman Gani
T.Yugesh

Student Coordinators, ARC Club

MIT - Deemed to be University

Respected Sir,

P/a permit us to
organize the said
above event
Shankar

27/2/26

Angallu, NH-42, Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India.
Phone : 08571 - 280255, 280706, Fax : 08571 - 280433. www.mits.ac.in

Report:



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A REPORT ON

Workshop Titled

"Developer Essentials: Git, GitHub basics - II"

Organized by

"ARC CLUB" - Applied Research & Creation

on 12.03.2026



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Madanapalle-517325, Andhra Pradesh, India.





DEVELOPER ESSENTIALS - II
A WORKSHOP BY
ARC CLUB
Under Student Activity Center (SAC)





12 12-03-2026
Thursday



02:00 PM



SRB - 219

Register Now





VS Code



GIT



GITHUB

GITHUB Pages

For more details contact T.Yugesh - 6281185755

CHIEF PATRON Dr. N. Vijaya Bhaskar Choudary Founder & Chancellor	PATRONS Mrs. Keerthi Nadella Executive Director	Shri N. Dwarakanath Pro - Chancellor	PROGRAM CHAIR Dr. C. Yuvaraj Vice Chancellor	PROGRAM CO-CHAIR Dr. P. Ramanathan Principal
SAC COORDINATOR Dr. G. Reddy Hemantha Asst. Professor - ECE	SAC CO-COORDINATORS Mr. V. Naveen - AI/ML Mr. B.S.H. Shayeez Ahmed - AI/ML	FACULTY COORDINATOR Mr. G. Rajkumar Asst. professor - CSD	STUDENT COORDINATORS Mr. T. Yugesh, II CSD-E Mr. C. Uman Gani, II CSD-E	

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Submitted by: Mr. G. Rajkumar, Assistant Professor, CSD.

Organized by: ARC CLUB

Student Coordinators:

- C. Usman Gani, II CSD-E
- T. Yugesh, II CSD-E

Student Volunteers:

- C. Zainul Amaan II CSE-E
- G. TejaSree II CSD-E
- P. Venkata Tejesh Reddy II CSD-E
- Y. Vikash II CSD-E
- P. Venkata Rahul Naidu II CSD-E

Venue: SRB 219

Time: 3PM-5PM

Report Received on:

Mode of Conduct: Offline

Attendees Count: 56

The workshop titled **“Developer Essentials: Git & GitHub II”** was organized by the **ARC Club** under the **Student Activity Council (SAC)** of Madanapalle Institute of Technology & Science on **12th march 2026 from 2:00 PM to 5:00 PM.**



This workshop was conducted as a continuation of the previous Git & GitHub session to help students understand Git workflows and collaboration in a more practical way. The session mainly focused on how developers work with projects using terminal commands, Git operations, and GitHub collaboration features.

The workshop was conducted in the computer laboratory for students to provide the hands on experience for the students.



The session was handled by Mr. C. Usman Gani and Mr. C. Zainul Amaan as the resource persons for the workshop. The session started with an introduction to basic terminal commands used during software development. Students were guided through commands such as `pwd`, `ls`, `cd`, and `mkdir` to understand directory navigation and project folder management using the terminal.

Participants were then introduced to the Git workflow in a practical manner. The concept of the **Staging Area** was explained to help students understand how Git tracks files before saving changes permanently into the repository. Students practiced commands such as `git status`, `git add`, and `git commit` to observe how changes move through different stages inside Git.



The session also explained the purpose and working of the git push command and how local project changes are uploaded to remote repositories on GitHub. Students learned how Git connects local repositories with remote repositories for maintaining project versions online.



to show how multiple developers can work on the same repository. Participants understood how repository owners can add collaborators and manage project contributions in a structured way.

Hands-on activities were conducted throughout the session to ensure students practiced every command and workflow individually. The workshop helped students gain practical exposure to Git operations and collaborative development practices commonly used in software projects.

Outcome of the Event:

The workshop “Developer Essentials: Git & GitHub – Workshop II” helped participants gain practical understanding of Git workflows and collaboration features. Students gained hands-on experience in:

- Using basic terminal commands such as pwd, ls, cd, and mkdir.
- Understanding the Git Staging Area and Git workflow.
- Tracking and saving project changes using Git commands.
- Using git clone to copy repositories from GitHub.
- Understanding the purpose of the git push command.
- Viewing project history using the git log command.
- Working with GitHub Collaborator features for team-based development.

The session successfully improved students’ understanding of practical Git workflows and encouraged them to use version control and collaboration tools while working on academic and personal projects.

All the participants have been provided a e-certificate

Certificates link :

<https://drive.google.com/drive/folders/1U5S4QaMfpChmzXvlliR2mMOgLaRZwD37?usp=sharing>

Attendance Sheets:



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MITs ARC club under SAC

Developer Essentials : Git, GitHub-II on 12-03-2026

ATTENDANCE SHEET

S.No	Enter Your Name	Roll Number	Department / Section	Year	Signature
1	T.Pranitha	25MRA09177	CSM-C	1 st	T.Pranitha
2	N.Lahazika Reddy	25MRA09130	CSM-C	1 st	N.Lahazika Reddy
3	K.Lalitha	25MRA09131	CSM-C	1 st	K.Lalitha
4	P.Yashmitha baby	25MRA09304	CSM-E	1 st	P.Yashmitha
5	S.Syeda Asma	25MRA09253	CSM-E	1 st	S.Syeda Asma
6	M.Zaina Babar	25MRA09309	CSM-E	1 st	M.Zaina Babar
7	P.S.Lubna Kousar	25MRA09138	CSM-C	1 st	P.S.Lubna Kousar
8	S.Meharaj	25MRA09145	CSM-C	1 st	S.Meharaj
9	H.S.Rakhiya Firdose	25MRA09184	CSM-C	1 st	H.S.Rakhiya Firdose
10	M.Sneha Asmita	25MRA09314	CSM-E	1 st	M.Sneha Asmita
11	P.Yogitha baby	25MRA09202	CSM-E	1 st	P.Yogitha baby
12	S.Travunagiri	25MRA09264	CSM-E	1 st	S.Travunagiri
13	D.Divya	25G95A3107	CAI-A	2 nd	D.Divya
14	C.Varsha Sai Yoni	25MRA09236	CSM-E	1 st	C.V.Sai Yoni
15	P.Pranathi	25MRA09867	CSM-E	1 st	P.Pranathi
16	J.P.Mohita	25MRA06097	CAI-B	1 st	J.P.Mohita
17	M.Lakshmi	25MRA06024	CAI-B	1 st	M.Lakshmi
18	M.Nandhini	25MRA06106	CAI-B	1 st	M.Nandhini
19	S.Fayazm kash	25MRA05073	CSE-B	1 st	S.Fayazm kash
20	K.S.Charith	25MRA05058	CSE-B	1 st	K.S.Charith
21	M.Thirilak	25MRA07269	CSM-E	1 st	M.Thirilak
22	P.Subramanyam Reddy	25MRA05059	CSE-B	1 st	P.Subramanyam Reddy
23	K.Sivarajan	25MRA06151	CAI-C	1 st	K.Sivarajan
24	Y.Sumanth	25MRA06159	CAI-C	1 st	Y.Sumanth
25	K.Jagadeesh	25MRA09109	CSM-B	1 st	K.Jagadeesh
26	R.Gowtham	25MRA09083	CSM-B	1 st	R.Gowtham
27	R.Misidhar	25MRA09075	CSM-B	1 st	R.Misidhar
28	S.Jayavardhan Reddy	25MRA09114	CSM-B	1 st	S.Jayavardhan Reddy
29	P.Harshavardhan Reddy	25MRA09095	CSM-B	1 st	P.Harshavardhan Reddy
30	G.Kalish Kurumuri	25MRA09117	CSM-B	1 st	G.Kalish Kurumuri
31	P.Gokul satthya	25MRA09079	CSM-B	1 st	P.Gokul satthya
32	G.Jagadeesh	25MRA09108	CSM-B	1 st	G.Jagadeesh
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Kindly consider provide attendance
G.R.Hemant



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MITS ARC club under SAC

Developer Essentials : Git, GitHub-II on 12-03-2026

ATTENDANCE SHEET

S.No	Enter Your Name	Roll Number	Department / Section	Year	Signature
1	K. Nikhila	25HRA09128	CSE(AI&ML)-C	1 st	P. Nikhila
2	P. Poojitha	25MRA09172	CSE(AI&ML)-C	1 st	P. Poojitha
3	D. Neeraga	25MRA09156	CSE(AI&ML)-C	1 st	D. Neeraga
4	N. Nethachoudary	25MRA09157	CSE(AI&ML)-C	1 st	N. Nethachoudary
5	B. Omkar	25MRA09163	CSE(AI&ML)-C	1 st	B. Omkar
6	S. Dharmika	25MRA05065	CSE - B	1 st	S. Dharmika
7	K. Teja	25MRA05082	CSE - B	1 st	K. Teja
8	S. Gayathri	25MRA05077	CSE - B	1 st	S. Gayathri
9	D. Pooja	25MRA05081	CSE - B	1 st	D. Pooja
10	P. Chathrapathi	25MRA06039	CSE - AI - (A)	1 st	P. Chathrapathi
11	A. Harsavardhan	25MRA09310	CSE(AI&ML)-E	1 st	A. Harsavardhan
12	C. Tharief	25MRA09260	CSE(AI&ML)-E	1 st	C. Tharief
13	S. Mohammed Yous	25MRA09306	CSE(AI&ML)-E	1 st	S. Mohammed Yous
14	M. Varunprasad	25MRA09218	CSE(AI&ML)-E	1 st	M. Varunprasad
15	R. Tharunkumar	25MRA09261	CSE(AI&ML)-E	1 st	R. Tharunkumar
16	A. Jeyamohan	25MRA09270	CSE(AI&ML)-E	1 st	A. Jeyamohan
17	A. Venkatesh	25MRA09287	CSE(AI&ML)-E	1 st	A. Venkatesh
18	G. Vedhanth	25MRA09281	CSE(AI&ML)-E	1 st	G. Vedhanth
19	S. Madhures	25MRA09271	CSE(AI&ML)-E	1 st	S. Madhures
20	N. Tahir Khan	25MRA09254	CSE(AI&ML)-E	1 st	N. Tahir Khan
21	K. Sushanth	25MRA09250	CSE(AI&ML)-E	1 st	K. Sushanth
22	Aravind Viswanath	25MRA09286	CSE(AI&ML)-E	1 st	Aravind Viswanath
23	P. Tejdeep Sai	25MRA09255	CSE(AI&ML)-E	1 st	P. Tejdeep Sai
24	S. Karthik	25MRA06079	CSE(AI)-B	1 st	S. Karthik
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Sir/Madam
Kindly provide attendance
G. R. Hemant

Feedback:

vadlaniharika4@gmail.com	Vadla Niharika	25MR A05168	Yes	Explanation is good but somewhat difficult to understand at the beginner level.	Excellent	I would like to learn Backend
jashnaviavula23@gmail.com	AVULA JASHNAVI	25MR A07044	Yes	Nothing All good	Good	Mobile app development,web development ,Data analysis
cvsmani2008@gmail.com	CHINTHA VARSHA SAI MANI	25MR A09276	Yes	To know about some more tools	Good	AI
dharikasankaragallu356@gmail.com	Dharikasankar agallu	25MR A05065	Yes		Good	Software developing
muthirevalasravva@gmail.com	M.sravva	25MR A09241	Yes	Skills	Good	HTML
divyadonga8897@gmail.com	DONGA DIVYA	25695 A3107	Yes	Please Speed up the explanation	Good	Spring boot
klalitha630508@gmail.com	K.Lalitha	25MR A09131	Yes	About Git hub	Excellent	C

Projects

1. NoDues System - Digital No-Due Clearance System. [Live at: nodues-arcclub.tech](https://nodues-arcclub.tech)

Introduction

NoDues is a fully operational digital platform that replaces the manual no-due clearance process at MITs Deemed to be University. Built entirely by students of the institution, the system is currently live and actively used by the students this semester.

The Problem

Every semester, students were required to physically visit multiple faculty members and offices across departments, collecting manual signatures before their results could be processed — with no visibility on what was pending, no centralized record for faculty, and no real-time oversight for administration.

What We Built

NoDues replaces the entire process with a centralized digital workflow. When a clearance batch is initiated for a class, every student's request is automatically routed to all relevant faculty and departments simultaneously. Faculty approve or flag students from a single dashboard. Students can track their live clearance status at any point without visiting anyone in person.

A key addition is the **co-curricular clearance module** - co-curricular requirements vary by department, such as NPTEL, Certifications and NoDues handles this natively. Each department's criteria are configured independently and students submit their proofs digitally through the platform, standardizing a process that was never formally tracked before.

Administration has full institutional visibility across all departments and batches at any point in time

Key Features

- **Multi-role access** - separate, purpose-built dashboards for students, faculty, Heads of Department, and central administration, each scoped to exactly what that role needs
- **Real-time clearance tracking** - students see their status update live the moment a faculty member takes action, with no page refresh required
- **Concurrent department processing** - all departments work simultaneously on the same batch; no sequential bottlenecks
- **Co-curricular clearance module** - department-wise co-curricular requirements configured independently; students submit proofs digitally and faculty verify within the same platform
- **Bulk operations** - HoDs can initiate clearances for all classes in their department in a single action; faculty can bulk-approve multiple students at once
- **Excel-based student import** - student records can be imported in bulk via Excel sheets, with per-row conflict reporting so a single duplicate does not abort the entire import
- **Admin reporting** - central administration can view batch-level progress across the institution and close batches once complete
- **Fully responsive** - accessible on any device, mobile or desktop, without a dedicated app

Tech Stack :

Hosting & Deployment

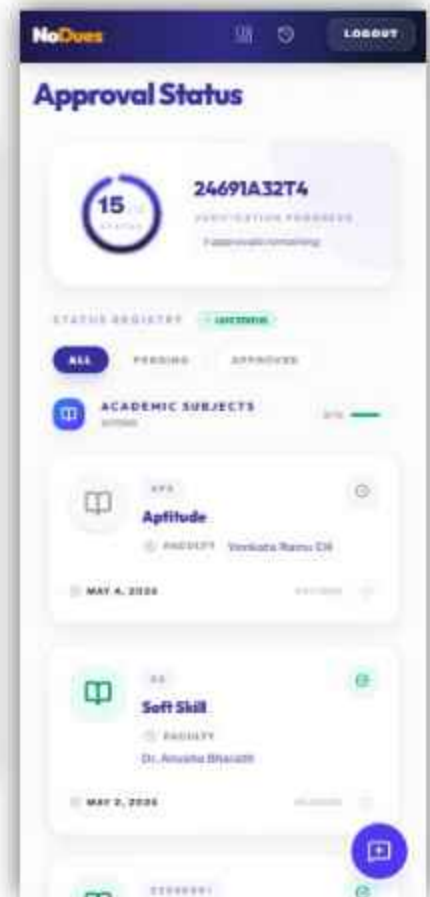
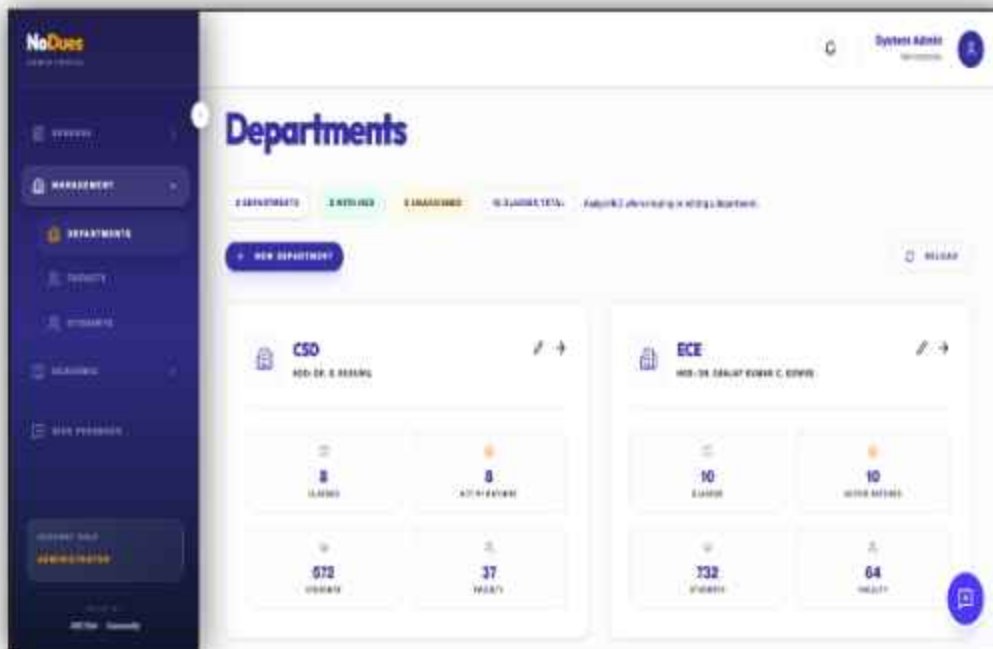
- Hosted live at **nodues-arcclub.tech**
- Frontend deployed on **Vercel** for fast, reliable access from any device
- Backend runs on **Microsoft Azure**, served through **Nginx** as a reverse proxy
- Database hosted on **MongoDB Atlas** fully managed, no on-premise server dependency
- This semester, actively used by the **CSD and ECE departments**, handling over **3,000 users**.

Impact

- Complete elimination of paper-based clearance forms and physical signature rounds
- Real-time clearance status visibility for every student across every department
- Co-curricular clearance standardized and tracked digitally for the first time
- Clearance processing that previously took days now completes within hours

Team Members:

1. **C. Usman Gani – 24691A32T4**
2. **T. Yugesh – 24691A32W8**
3. **P.V. Rahul Naidu - 24691A32U5**



HireMinds AI - Autonomous Interview Platform

Introduction

HireMinds AI is a fully functional autonomous technical interviewing platform built during the participation in of **AGENTICA 2.0 Hackathon in IIIT Sri City**. The system uses Large Language Models to conduct real, conversational interviews — reading a candidate's resume and the job description, generating relevant questions, probing deeper based on the candidate's answers, and producing a structured evaluation report at the end. The entire interview is conducted without any human interviewer involvement.

The Problem

Screening technical candidates is one of the most time-consuming parts of any hiring process. Recruiters spend hours reviewing resumes and conducting preliminary interviews, most of which follow the same pattern. There was no system that could handle this intelligently end-to-end — asking the right questions, adapting based on answers, and delivering a decision-grade report without human intervention.

What We Built

HireMinds AI conducts the interview autonomously from start to finish. The candidate uploads their resume, the recruiter specifies the job role and requirements, and the AI interviewer takes over. It does not ask a static list of questions — it actively listens to each answer and decides whether to ask a follow-up to probe deeper, move to the next topic, or conclude the session. Once complete, it generates a detailed analytical report covering technical accuracy, communication depth, identified strengths, skill gaps, and red flags — ready for the recruiter to act on immediately.

On the recruiter side, HireMinds provides a full pipeline management interface — job creation, candidate tracking, automated evaluation, and a leaderboard that automatically stack-ranks candidates by their overall interview score.

Key Features

- **Autonomous interview engine** — AI conducts the full interview, adapts questions in real time based on candidate responses, and decides when to probe deeper or move on
- **Resume and JD-aware questioning** — questions are generated specifically from the candidate's resume and the job description, not from a generic question bank
- **Real-time evaluation** — candidate performance is scored across multiple parameters throughout the session, not just at the end
- **Detailed analytical reports** — structured feedback covering technical accuracy, communication, strengths, gaps, and red flags, delivered immediately after the interview concludes
- **Candidate leaderboard** — automatic stack-ranking of all candidates for a job role based on their scores
- **Natural conversational experience** — real-time speech synthesis gives candidates a conversational interview feel rather than a form-filling exercise
- **Hardware check and onboarding flow** — guided setup ensures candidates are ready before the interview begins
- **Job and candidate pipeline management** — recruiters can create roles, manage applicants, and track progress from a single dashboard

Hosting & Deployment

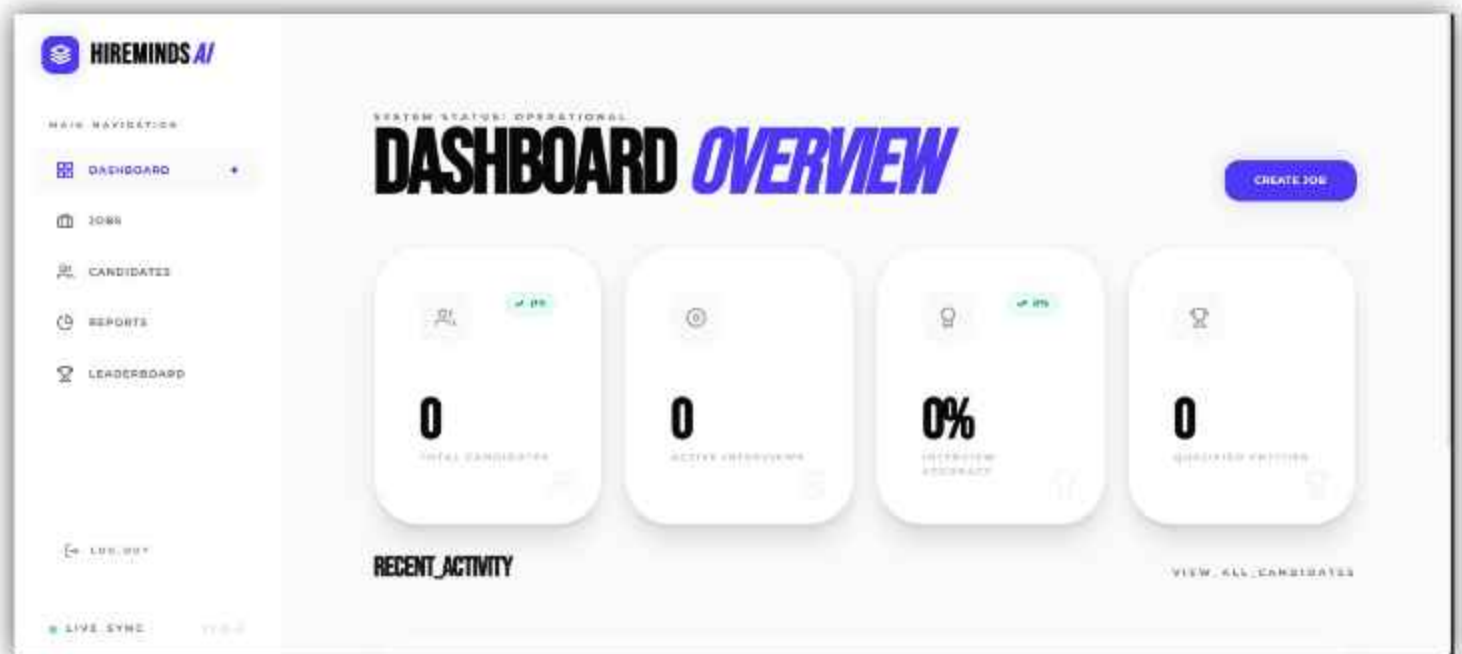
- Currently running as a development-stage platform, accessible for demonstration
- Backend powered by FastAPI running on Python, connected to MongoDB Atlas for data storage
- Frontend deployed as a React application, communicating with the backend over WebSockets for real-time interview interaction
- LLM inference handled via the Groq API, enabling fast response times during live interviews
- No on-premise infrastructure dependency — fully cloud-connected

Impact

- Eliminates the need for human involvement in the preliminary screening round entirely
- Reduces recruiter time spent on first-round interviews from hours to minutes of report review
- Every candidate gets a consistent, objective, and thorough evaluation regardless of interviewer availability
- Skill gap analysis gives recruiters actionable data, not just a pass/fail outcome

Team Members:

1. C. Usman Gani – 24691A32T4



Research Paper(s)

(In Progress)

1. Sonic-Mark – Smart attendance concept using the ultrasonic frequency

Overview

Sonic-Mark is a research concept focused on secure and low-cost classroom attendance verification using ultrasonic sound frequencies. The system explores how high-frequency audio signals can be used to verify student presence without requiring additional hardware infrastructure.

Core Idea

The proposed system works by transmitting dynamically generated ultrasonic audio signals through classroom devices. Students present in the classroom can detect these signals using their smartphones or laptops, allowing attendance verification based on physical proximity.

Key Features

- Ultrasonic frequency-based attendance verification
- Low-cost and infrastructure-light approach
- Smartphone-compatible system
- Dynamic signal-based authentication
- Reduced chances of proxy attendance
- Simple integration with web or mobile platforms

Technical Areas Explored

- Ultrasonic sound detection
- Proximity-based authentication
- Audio signal verification
- Secure attendance workflows
- Web and mobile integration concepts

Challenges Discussed

- Replay attack prevention
- Device compatibility issues
- Signal reliability in noisy environments
- Privacy and permission handling

Expected Impact

The proposed system aims to provide a smarter and more reliable attendance verification method for classrooms while reducing manual processes and proxy attendance problems.

Team Members:

1. **C. Usman Gani – 24691A32T4**

2. Secure Trace: Privacy-Preserving Location Verification System

Overview

SecureTrace is a research concept focused on secure and privacy-preserving location verification for applications such as emergency response and missing-person investigations. The system combines blockchain verification with secure off-chain storage to ensure data integrity while protecting user privacy.

Core Idea

Instead of storing raw GPS data directly on the blockchain, the system stores encrypted location records in a secure database and only stores cryptographic root hashes on-chain using Merkle tree aggregation. This helps detect tampering while keeping blockchain costs low.

Key Features

- Privacy-preserving off-chain storage
- Blockchain-based tamper detection
- Merkle tree verification
- Approval-based access control
- Invisible embedded wallet for secure identity management
- Scalable and cost-effective architecture

Technical Areas Explored

- Blockchain integrity verification
- Cryptographic hashing
- Merkle tree aggregation
- Secure backend architecture
- Digital signatures and embedded wallets

Expected Impact

The proposed system aims to improve trust, privacy, and accountability in location verification systems while remaining economically scalable for large user bases.

Team Members:

1. **K JAYA RANGA REDDY - 24691A3296**
2. **L GURU POOJITH - 24691A3270**