

INSTITUTION'S INNOVATION COUNCIL (IIC)

CMR TECHNICAL CAMPUS

UGC Autonomous

Accredited by NBA & NAAC with 'A' Grade

Approved by AICTE & Affiliated to JNTUH

Kandlakoya, Medchal Road, Hyderabad-501401



Session Details:

Title of the session : IP awareness & Prior Art scanning Task

Date: 31/01/2026

Duration : 04 hours

Activity Level : 01

Expenditure : 5000/-

Activity Category: Self Driven

Theme : Giving awareness regarding "IP awareness & Prior Art scanning Task "

Expert/Speaker Details :

Name : Dr.K.Srujan Raju

Designation : Professor , Dean (R&D) , Mentor

Organization : CMR Technical Campus

Brief about Speaker :

- Dr. K Srujan Raju is currently working as professor of CSE and Dean Research and Development at CMR Technical Campus. He obtained his Doctorate in Computer Science in the area of Network Security.
- He has more than 20+ years of experience in academics and research. His research interest areas include Computer Networks, Information Security, Data Mining, Cognitive Radio Networks, Image Processing, and Other Programming Languages.
- Dr. Raju worked on 2 projects funded by the Government of India under CSRI & NSTMIS and has also filed 16 patents and 5 Design Patents. 5 Design Patents, 4 Utility Patents and 1 copyright on software granted at Indian Patent Office, edited more than 24 books published by Springer Book Proceedings of AISC series, LAIS series and others which are indexed by Scopus also authored books in C Programming & Data Structure, Exploring to the Internet, Hacking Secrets, contributed chapters in various books and published more than 100 papers in reputed peer-reviewed Journals and International Conferences.
- Dr. Raju was invited as Session Chair, Keynote Speaker, Technical Program Committee member, Track Manager, and reviewer for many National and International conferences also appointed as subject Expert by CEPTAM DRDO – Delhi & CDAC. He was undergone specific training conducted by Wipro Mission 10X & NITTTR-Chennai which helped his involvement with students is very conducive for solving their day-to-day problems. He has guided various student clubs for activities ranging from photography to Hackathon. He mentored more than 100 students in incubating cutting-edge solutions. He has organized many conferences, FDPs, Workshops, and Symposiums. He has established the Centre of Excellence in IoT and Data Analytics.

- Dr. Raju is a member of various professional bodies and received a Significant Contributor Award and Active Young Member award from the Computer Society of India also served as a Management Committee Member, State Student Coordinator & Secretary of CSI – Hyderabad Chapter. Presently he is a research Consultant to a few engineering and pharmacy colleges and a Mentor of Thub Telangana.

Outcome of the activity :

IP awareness and prior art scanning are critical, interconnected processes in research and development that help organizations protect their intellectual assets, reduce legal risks, and guide innovation strategy. These tasks lead to better-defined R&D goals, faster patent prosecution, and the ability to avoid costly infringement litigation.

Key outcomes from these activities include:

1. Enhanced Patentability & Stronger Drafting

- **Assessment of Novelty/Non-obviousness:** Prior art searches determine if an invention is truly new and not an obvious variation of existing technology.
- **Strengthened Claims:** Findings from the search allow inventors to draft more precise patent claims, reducing the likelihood of rejection by patent offices (e.g., USPTO, EPO).
- **Improved Quality of Applications:** By reviewing existing patents, technical journals, and products, the final patent application is more robust and defensible.

2. Strategic R&D and Cost Savings

- **Preventing Duplication of R&D:** Identifying existing technologies prevents wasting time and resources on developing ideas that already exist.
- **Identifying "Design-Around" Opportunities:** If similar technology is found, prior art analysis helps in developing alternative approaches to avoid infringing on existing patents.
- **Guidance for R&D Direction:** Insights from the search help R&D teams understand the competitive landscape and identify gaps in the market.

3. Legal and Commercial Security

- **Freedom to Operate (FTO):** Ensures that new products or services can be launched without violating third-party patent rights, thus avoiding costly infringement lawsuits.
- **Invalidation/Validity Checks:** Identifies whether a competitor's patent is weak or can be invalidated based on earlier published evidence (prior art).
- **Legal Risk Management:** Reduces the likelihood of patent opposition or litigation by uncovering potential hurdles early in the process.

4. Technical Intelligence and Market Insight

- **Monitoring Competitor Activity:** Provides insights into the R&D direction of competitors, helping to stay ahead in the market.
- **Tracking Technology Trends:** Identifies emerging technologies and new, relevant developments in specific fields.
- **Evaluating Licensing Opportunities:** Helps identify potential partners or technologies that can be licensed, accelerating the time-to-market.

Key Highlights :

• Purpose of Prior Art Search:

- **Determine Patentability:** Establishes if an invention is novel and non-obvious before investing in the patent application process.
- **Avoid Infringement:** Identifies third-party rights to prevent potential lawsuits.
- **Strategic R&D Direction:** Helps identify gaps in the market and informs, enhances, or re-works inventions to make them stronger.

- **Reduce Costs:** Prevents wasting resources on patenting ideas that already exist.
- **Process and Techniques:**
 - **Keyword & Classification Search:** Brainstorming technical terms and utilizing classification codes (CPC/IPC) to navigate databases.
 - **Comprehensive Database Usage:** Searching across multiple platforms like Google Patents, Espacenet , and the USPTO.
 - **Non-Patent Literature Review:** Searching websites, journals, and product documentation.
 - **Iterative Analysis:** Continuously refining searches to ensure completeness.

Participant Details:

Total no. of Student participation : 120

Total no. of Staff (Teaching/Non-teaching) participation: 10

Three to four Photographs/Screenshots that show the participation of students and staff (Teaching/Non-teaching)

Photos :



CMR Technical Campus

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ACCREDITED BY NBA & NAAC WITH 'A' GRADE

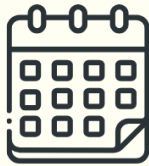
APPROVED BY AICTE, NEW DELHI, AND JNTU, HYDERABAD

KANDLAKOYA (V), MEDCHAL RD, HYDERABAD, TELANGANA 501 401

DEPARTMENT OF HUMANITIES AND SCIENCES
In Association with Institution's Innovation Council (IIC 8.0)

Organizing a session on

IP Awareness & Prior Art Scanning Task



31 January 2026
02:00 PM - 04:00PM



SIR MOKSHAGUNDAM
VISVESVARAYA SEMINAR
HALL-419, BLOCK-B

GUEST SPEAKER



Dr.K.Srujan Raju
Professor, Dean(R&D) & Mentor

scan to register



Dr . T .Lakshmi
IIC Co-ordinator,
CMR TECHNICAL CAMPUS
HYDERABAD,TELANGANA

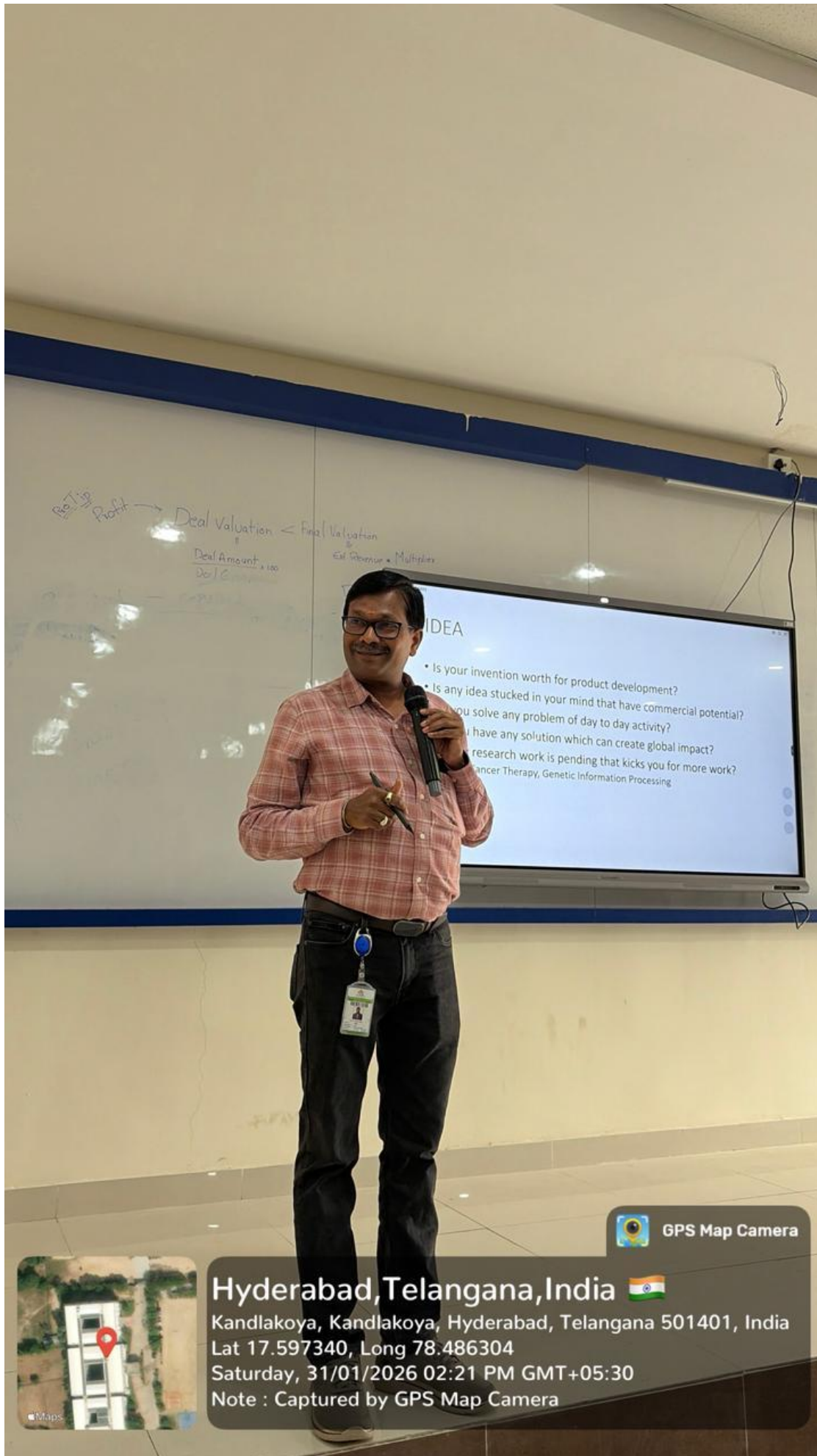
Dr . V . Kesava Reddy
HOD H&S,
CMR TECHNICAL CAMPUS
HYDERABAD,TELANGANA

Dr. S. Suma
CONVENER,IIC
CMR TECHNICAL CAMPUS
HYDERABAD,TELANGANA

Dr. S Rao Chintalapudi
Vice President, IIC
CMR TECHNICAL CAMPUS
HYDERABAD,TELANGANA

Dr. K. Srujan Raju
President, IIC
CMR TECHNICAL CAMPUS
HYDERABAD,TELANGANA

Dr. A. Raji Reddy
Director
CMR TECHNICAL CAMPUS
HYDERABAD,TELANGANA



Deal Valuation < Final Valuation
Deal Amount * 100 / Deal Cost
Est. Revenue * Multiplier

IDEA


- Is your invention worth for product development?
- Is any idea stucked in your mind that have commercial potential?
- Do you solve any problem of day to day activity?
- Do you have any solution which can create global impact?
- Do you have any research work is pending that kicks you for more work?
Cancer Therapy, Genetic Information Processing


GPS Map Camera



Hyderabad, Telangana, India 🇮🇳
 Kandlakoya, Kandlakoya, Hyderabad, Telangana 501401, India
 Lat 17.597340, Long 78.486304
 Saturday, 31/01/2026 02:21 PM GMT+05:30
 Note : Captured by GPS Map Camera



 GPS Map Camera

Hyderabad, Telangana, India 

Kandlakoya, Kandlakoya, Hyderabad, Telangana 501401, India

Lat 17.597281, Long 78.486211

Saturday, 31/01/2026 02:52 PM GMT+05:30

Note : Captured by GPS Map Camera





CORE COMPONENTS:

- Four main types of IP:
 - 1. Patents (Invention)
 - 2. Trademarks (Brand identity)
 - 3. Copyrights (Creative work)
 - 4. Trade Secrets (Confidential Information)



Hyderabad, Telangana, India



Kandlakoya, Kandlakoya, Hyderabad, Telangana 501401, India

Lat 17.597257, Long 78.486215

Saturday, 31/01/2026 02:55 PM GMT+05:30

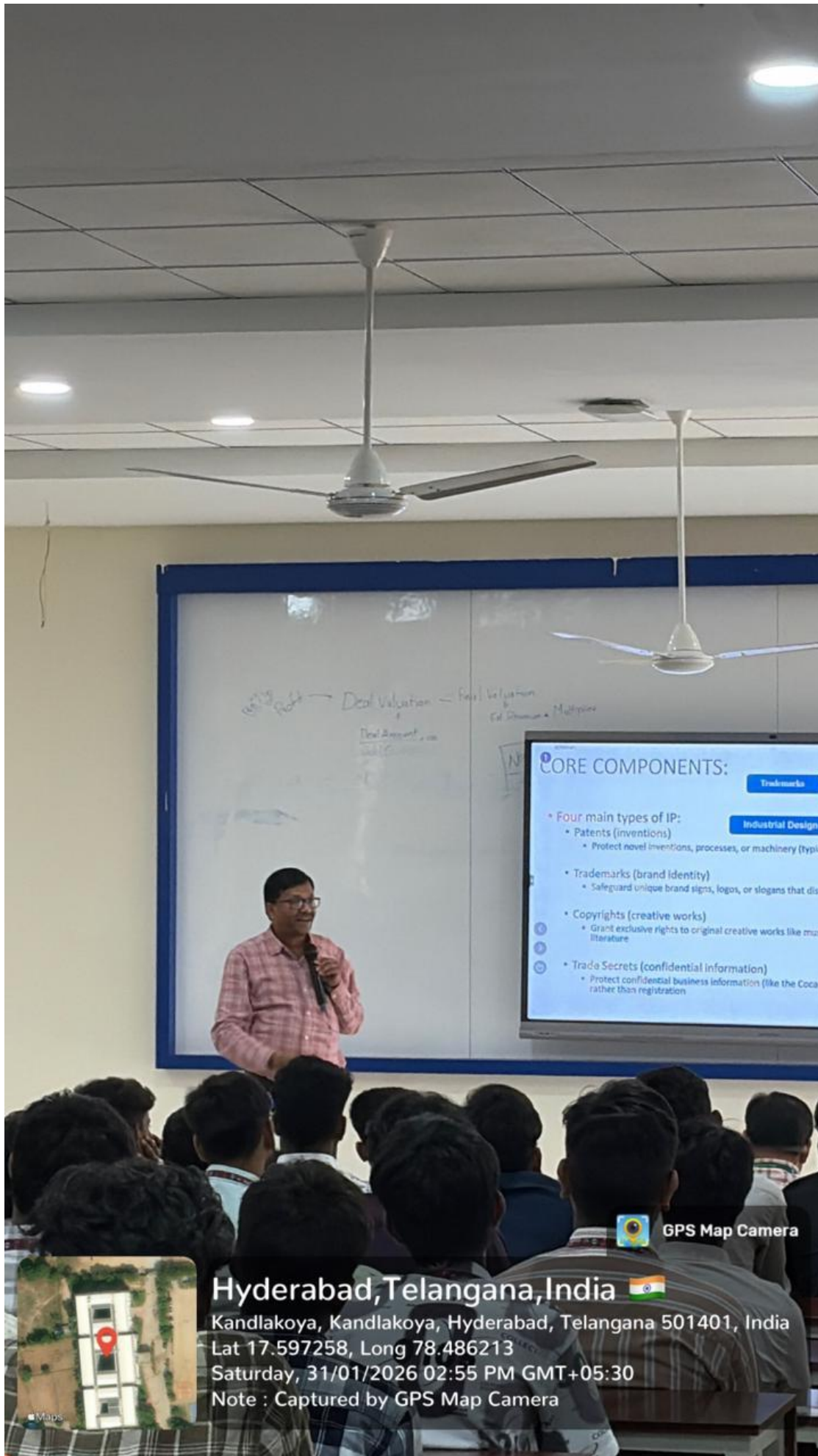
Note : Captured by GPS Map Camera



GPS Map Camera



Maps



Deal Valuation - Fair Valuation
Deal Amount, ...
Ed. Discount + Multiple

CORE COMPONENTS:

Four main types of IP:

- Patents (inventions)
 - Protect novel inventions, processes, or machinery (typical)
- Trademarks (brand identity)
 - Safeguard unique brand signs, logos, or slogans that distinguish
- Copyrights (creative works)
 - Grant exclusive rights to original creative works like music, literature
- Trade Secrets (confidential information)
 - Protect confidential business information (like the Coca-Cola recipe) rather than registration

GPS Map Camera



Hyderabad, Telangana, India 🇮🇳
Kandlakoya, Kandlakoya, Hyderabad, Telangana 501401, India
Lat 17.597258, Long 78.486213
Saturday, 31/01/2026 02:55 PM GMT+05:30
Note : Captured by GPS Map Camera



Attendance Details :

Timestamp	Name of the student	Roll number	Branch	Section	Place	Mobil number
1/30/2026 16:32:45	Sangishetti Yashwanth Sagar	257R1A67Q4	CSD	D	Kandlakoya	7075970204
1/30/2026 16:34:58	VASAVI	257R1A67K3	CSD	D	Kandlakoya	9959273319
1/30/2026 16:37:51	Mohammad Abdul kareem	257R1A67P0	CSD	D	Gajwel	7075536944
1/30/2026 16:38:09	CH AKHILESH	257R1A67L3	CSD	D	Kandlakoyaaa	9553828405
1/30/2026 16:39:22	Uyyala Viveksricharan	257R1A67R4	CSD	D	Balanagar	7416562461
1/30/2026 16:39:24	N.Pradeep	257R1A67P4	CSD	D	CMR Boys Hostel	7569399376
1/30/2026 16:39:42	Karla Nikhith	257R1A67M5	CSD	D	Kandlakoya	9989650225
1/30/2026 16:40:38	Nayeni Anjali	257R1A67P5	CSD	D	8-3- 228/1280/457, Jawahar Nagar, yousfguda, Khairatabad, Hyderabad	8790968554
1/30/2026 16:41:37	Meka Dheemant Sai Chand	257R1A67N9	CSD	D	KPHB	9912247559
1/30/2026 16:41:39	B.sai charan reddy	257R1A67L0	CSD	D	Elikatta	9346942959
1/30/2026 16:42:09	Mukka srinivas	257r1a67p1	CSD	D	Kandalkoya	8519839437
1/30/2026 16:42:14	Pranavi Thimmaiahgari	257R1A67Q8	CSD	D	Medak	9030898483
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#####	K.Divya sri	257r1a05n1	CSE	D	Kukatpally	9030677284
#####	S.Vikas Babu	25R1A05Q9	CSE	D	A ee ur yde ba d	6305580732