

# COMPENDIUM



www.vit.edu



## DEPARTMENT OF COMPUTER ENGINEERING

### VISION

To be a leader in the world of computing education practising creativity and innovation.

## DEPARTMENT OF COMPUTER ENGINEERING

### MISION

- To ensure students' employability by developing aptitude, computing, soft, and entrepreneurial skills
- To enhance academic excellence through effective curriculum, blended learning and comprehensive assessment with active industry participation
- To cultivate a research culture that results in a knowledge base, quality publications, innovative products, and patents
- To develop ethical consciousness among students for social and professional maturity to become responsible citizens

### HOD'S DESK



Dear Readers,

It is with immense pride and excitement that I present this edition of our Computer Engineering Newsletter, a testament to the vibrant spirit and outstanding achievements within our department at Vishwakarma Institute of Technology.

In a world increasingly shaped by technology, our mission remains clear: to cultivate innovators, critical thinkers, and responsible engineers who can drive positive change. This newsletter showcases the collective efforts of our dedicated faculty, brilliant students, and supportive staff, highlighting breakthroughs in research, exciting project milestones, and impressive successes in academics and placements.

# ACHIEVEMENTS

## STUDENT AWARDS

KURUKSHETRA-25

HACKATHON

25/08/2025

Position Won: First in AI/ML Track

Manthan Khawse  
Aryaraje Nimbalkar  
Chinmay Rane  
Vedant Nikam



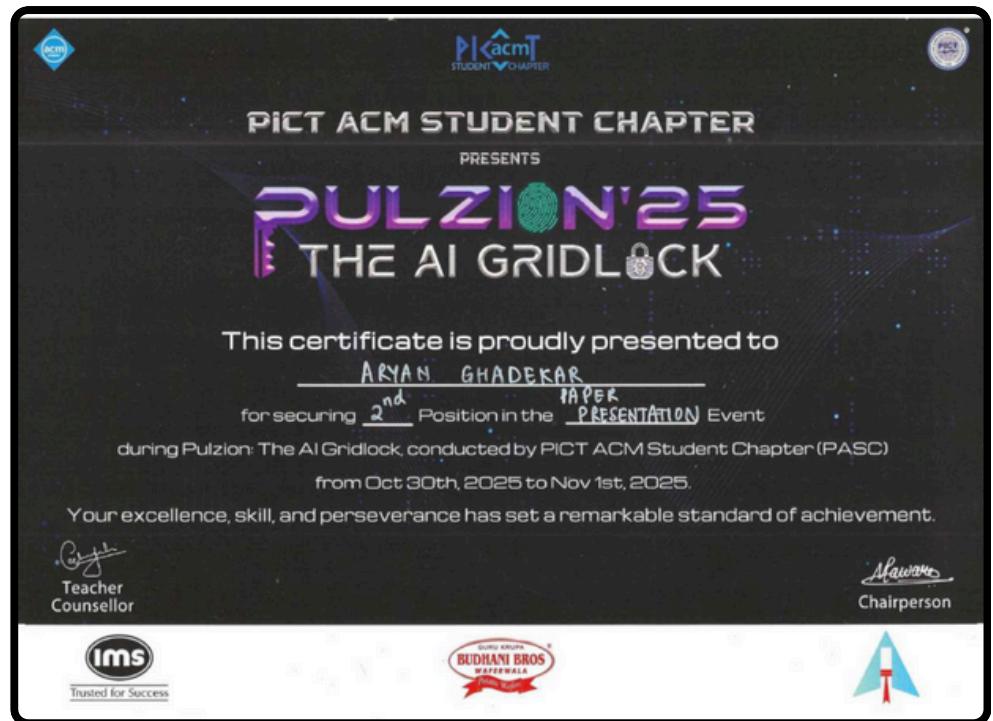
# ACHIEVEMENTS

## STUDENT AWARDS

PULZION'25  
30/10/2025

Position Won: First Runner Up

Aryan Ghadekar



# ACHIEVEMENTS

## STUDENT AWARDS

TECHATHON 2.0

22/02/2025

Position Won: Best Solution Award in given problem statement

Manthan Khawse  
Aryaraje Nimbalkar  
Chinmay Rane  
Vedant Nikam



# ACHIEVEMENTS

## STUDENT AWARDS

HACKSLASH BYTEVERSE 7.0  
04/12/2025

Position Won: Winner

Baladitya Khantwal  
Ashish Kumar  
Aryan Jha  
Aditya nath deepak



# ACHIEVEMENTS

## STUDENT AWARDS

TENET CTF '25  
10/12/2025

Position Won: Runner-up

Ritik Arora,  
Amogh Toshniwal,  
Vivek Patil,  
Aditya Bavadekar



# ACHIEVEMENTS

## STUDENT AWARDS

HACKINFINITY  
10/06/2025

Position Won: 3rd Runner-up

Radhika Kawadkar  
Punyesh kapre  
Chinmay rane



Team - SnackOverflow (Chinmay Rane (Information Technology), Radhika Kawadkar (Computer Engineering), Punyesh Kapre (Information Technology)) - proudly secured the 3rd Runner-Up at the 24-hour Hackathon organized by Ramco Institute of Technology, Tamil Nadu among 700+ participants across India.

# ACHIEVEMENTS

## STUDENT AWARDS

INNOHACK 2.0  
30/07/2025

Position Won: First

YASH WADHWANI  
NIRMIT HATTI  
SAMARTH KHADSE  
SHANKAR JADHAV



# ACHIEVEMENTS

## STUDENT AWARDS

COMMIT1.0  
10/12/2025

Position Won: Second

Adtiya Bavadekar,  
Parnika Thakur



# ACHIEVEMENTS

## STUDENT AWARDS

TENET CTF 2025  
10/12/2025

Position Won: Second Runners up

Ritik Arora, Vivek  
Patil, Aditya  
Bavadekar



# ACHIEVEMENTS

## STUDENT AWARDS

INNOVERSE- BUILD THE FUTURE!  
11/10/2025

Position Won: FIRST

Ayush Walunj  
Jayesh Waskar  
Madhura Waskar



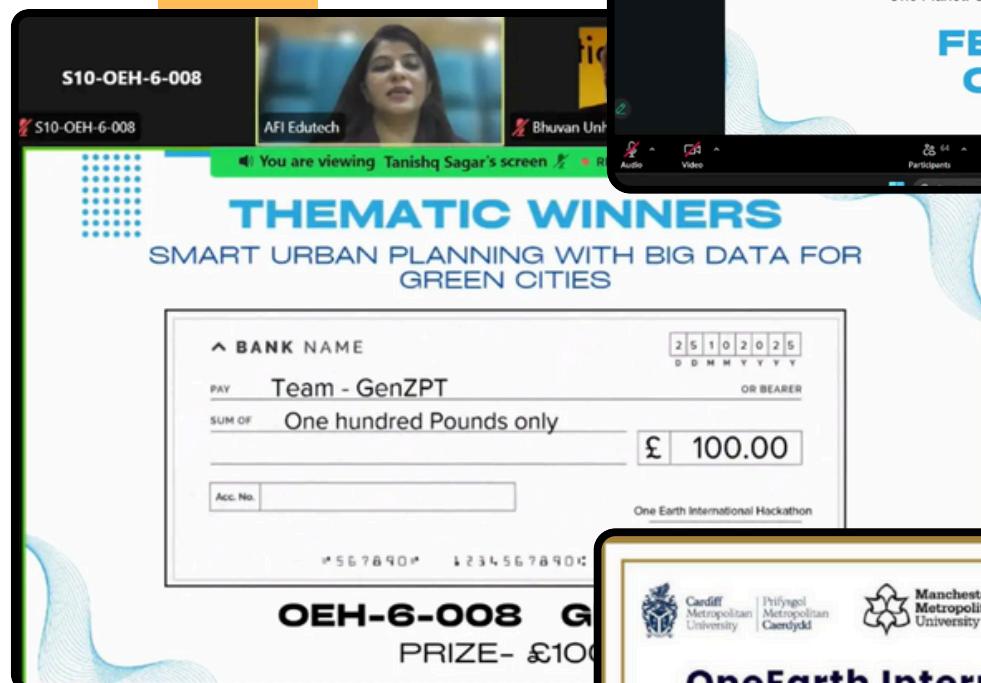
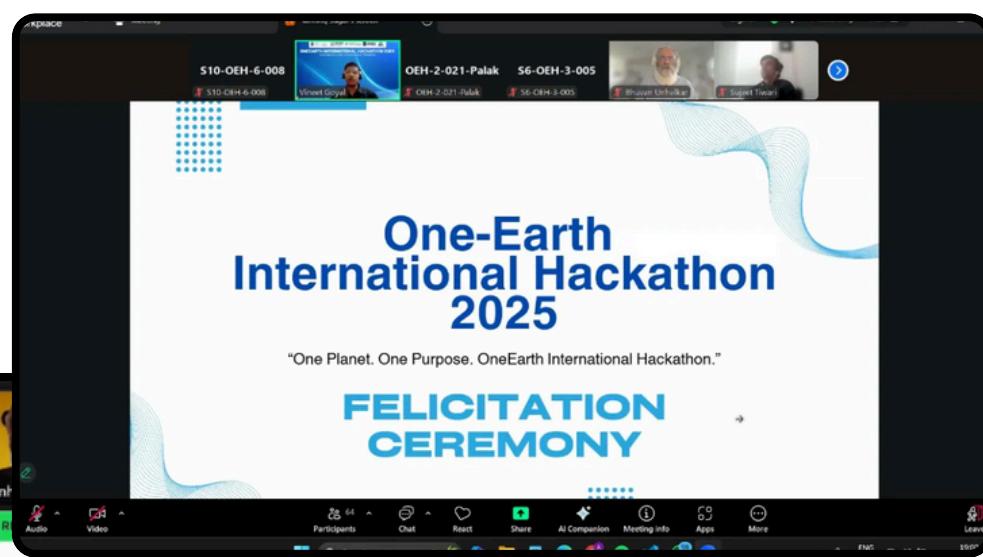
# ACHIEVEMENTS

## STUDENT AWARDS

# ONEARTH INTERNATIONAL HACKATHON 25/10/2025

## Position Won: Thematic Winner

**Sanyam Patwari,  
Abhaykumar Roy,  
Aayush Jha, Aditya  
Thakare, Dhiraj Patilj**



# ACHIEVEMENTS

## STUDENT AWARDS

INNOHACK 2.0 HACKATHON  
30/07/2025

Position Won: Got Internship offer letter

Shaikh Atifa,  
Rayate Harshada,  
Sanavi Rahane,  
Anjali Kamble



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# UTKARSH

**Roshan Shinde**

UTAKARSH is a flagship educational and social initiative under by SW&D Committee dedicated to empowering the underprivileged younger generation. We focus on Spreading Education (U), utilizing innovative Teaching methods (T), and imparting general Knowledge (K). A key objective is fostering communication, helping them become Articulate (A), and instilling essential Skills (S) for responsibility and confidence. We also provided Remote Learning (R) during the pandemic and strive to spread Happiness (H) through their learning journey.



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# SWACCHA PUNE

Anushka Virendra Jangam

Swaccha Pune is the activity for cleaning the environment conducted by SWD team of VIT Pune ,We had cleaned many places like Taljai Hills, Omkareshwar temple and also done the Tree Plantation



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# BLOOD DONATION CAMP

Arya Amar Kale

Blood donation camp was conducted by SW&D Committee in bibvewadi campus. There were total 1111 donors which was a great number. Organization was Sassoon hospital.



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# STARTUP SHOWCASE BY V-EDC

Neel Kote

Organized an event in our college as a part of the Organizing Committee wherein we invited more than 25+ startups in our college to showcase their products and present internship opportunities to the students of our college.



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# AVISHKAR ACTIVITY VIA SWD CLUB

Ishan Amod Patankar  
Aniket Patankar

We visited an old age home for 4 weeks and spent time with the grandmothers and grandfathers there; we helped by entertaining them



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# SOCIAL WELFARE DEVELOPMENT AT SWACCH PUNE

**Kabir Khanuja**

Proud to have led a team of dedicated volunteers alongside SWaCH Pune, NSS Unit A-65, and VIT Pune, contributing to a cleaner and more sustainable environment.

Through this initiative, we actively worked towards waste management by picking up plastic waste, promoting recycling, and ensuring proper disposal in line with the Swachh Bharat Abhiyan mission.

This experience is more than just a clean-up; it is an eye-opener on waste management, teamwork, and sustainability.

The SWaCH initiative's door-to-door waste collection, recycling, and composting efforts reinforce the importance of community-driven environmental responsibility.



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# SOCIAL WELFARE AND DEVELOPMENT AND SPACEECE

Srujani Shashikant Ukirade

## Volunteering at Social Welfare and Development



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# AASHAKIRAN

Snehal Thawase

Aashakiran has been a life-changing experience, helping me develop deep empathy. Visiting slum areas and interacting with parents gave me insight into their struggles and the challenges of early childhood education. Witnessing their daily hardships made me realize the importance of awareness and guidance in shaping a child's future.



# SOCIAL ACTIVITIES

SOCIAL ACTIVITIES

## BLOOD DONATION VOLUNTEER

Anjali Chandewar

Blood donation camp organised by swd committee



19/192 Sardariv Peth, S. M. Joshi Foundation, Near Patrakar Bhawan, Pune 411 030  
Tel : (020) 2453 7627 Mobile : 770996416 Email : aapunebloodbank@gmail.com  
LIC No. : PD - 30

### Certificate

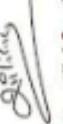
This is to Certify that

Mr. / Mrs. / Miss Anjali Chandewar

has worked as a Volunteer in the Blood Donation Camp

Organised by Social Welfare & Development Committee, VIT Pune

Date : 28-3-25

  
Shantilal Suratwala  
Managing Trustee



Shantilal Suratwala

Managing Trustee



**Blood**  
Donation...  
Is service  
HumanKind  
Give Blood...  
Save a Life...

# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# WEB DEVELOPMENT

Shaurya Omm Panigrahi

Team was having task to do web development for NGO.



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# GIRLSCRIPT SUMMER OF CODE GSSOC 2025

Sameera Shekhar Jape

Secured a rank under 150 (Top 4.7% contributors) and earned 2 Contributor Badges along with the official GSSoC Certificate, recognizing consistent contributions, learning, and impact throughout the program.

- Contributed to multiple open-source projects under the GirlScript Summer of Code 2025 program, collaborating with mentors and developers on diverse tech stacks while gaining hands-on experience in real-world development, teamwork, and open-source practices.

GirlScript Foundation is a NON-PROFIT organization to promote access to education globally via their programs.



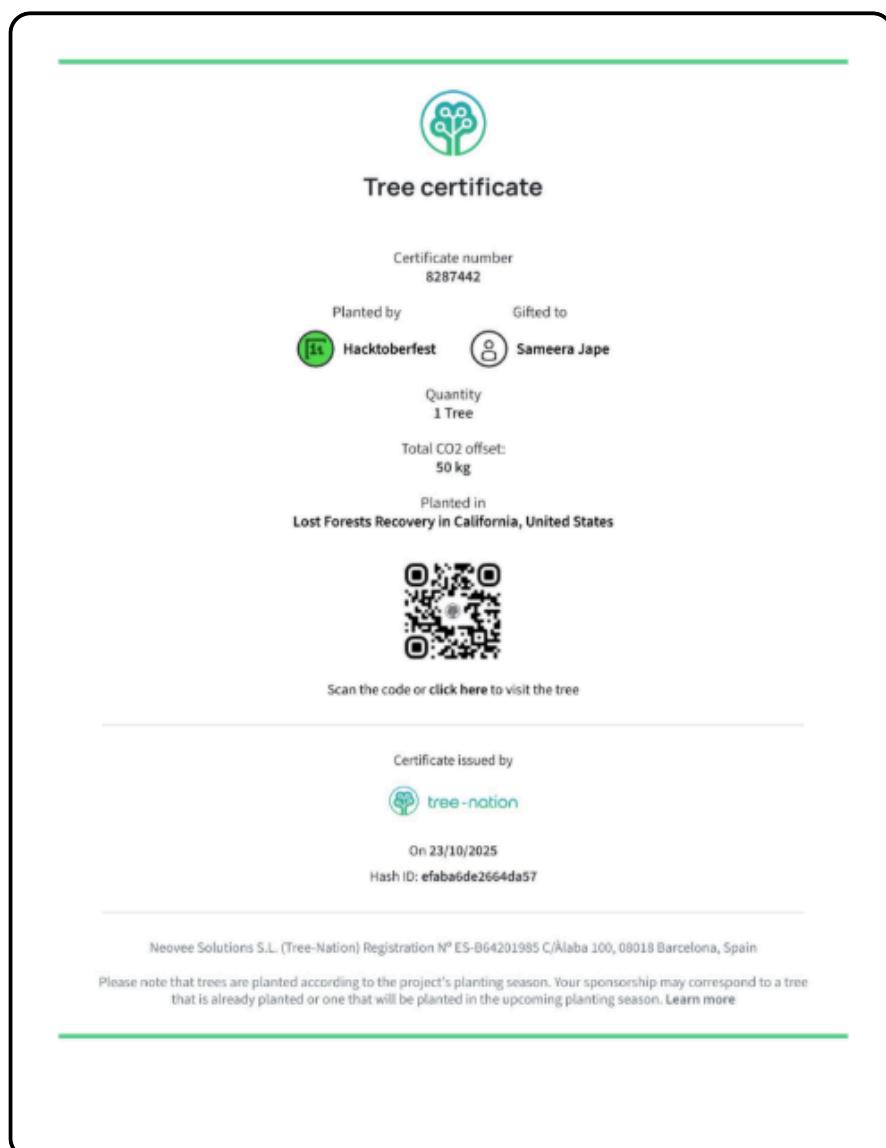
# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# HACKTOBERFEST 2025

Sameera Shekhar Jape

- Achieved Supercontributor status (among the first 10K global contributors to finish the program) and received exclusive rewards including holopin badges, Hacktoberfest supercontributor T-shirt, and a TreeNation certificate.
- Contributed to global open-source projects by resolving issues, enhancing code, and developing new features while collaborating with developers worldwide and gaining hands on experience in technical collaboration, diverse tech stacks, and Git based version control.



# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# HACTOBERFEST 2025

Sanchita Sanjay Desai

- Achieved Supercontributor status (among the first 10K global contributors to finish the program) and received exclusive rewards including holopin badges, Hacktoberfest supercontributor T-shirt, and a TreeNation certificate.
- Contributed to global open-source projects by resolving issues, enhancing code, and developing new features while collaborating with developers worldwide and gaining hands on experience in technical collaboration, diverse tech stacks, and Git based version control.



### Tree certificate

Certificate number  
8290132

Planted by



Hacktoberfest

Gifted to



Sanchita Desai

Quantity  
1 Tree

Total CO2 offset:  
50 kg

Planted in  
Lost Forests Recovery in California, United States



Scan the code or [click here](#) to visit the tree

# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# GIRLSCRIPT SUMMER OF CODE(GSSOC'25)

Sanchita Sanjay Desai

GirlScript is a not-for-profit organization dedicated to making quality education accessible for all. With a mission to empower individuals through learning, it strives to create inclusive spaces where beginners, students, and underrepresented groups can explore technology without barriers. Through initiatives like GirlScript Summer of Code (GSSoC), the organization promotes collaborative learning, open-source contribution, and community development. My participation in GSSoC allowed me to contribute to socially impactful projects while supporting a culture of mentorship, inclusivity, and shared growth.



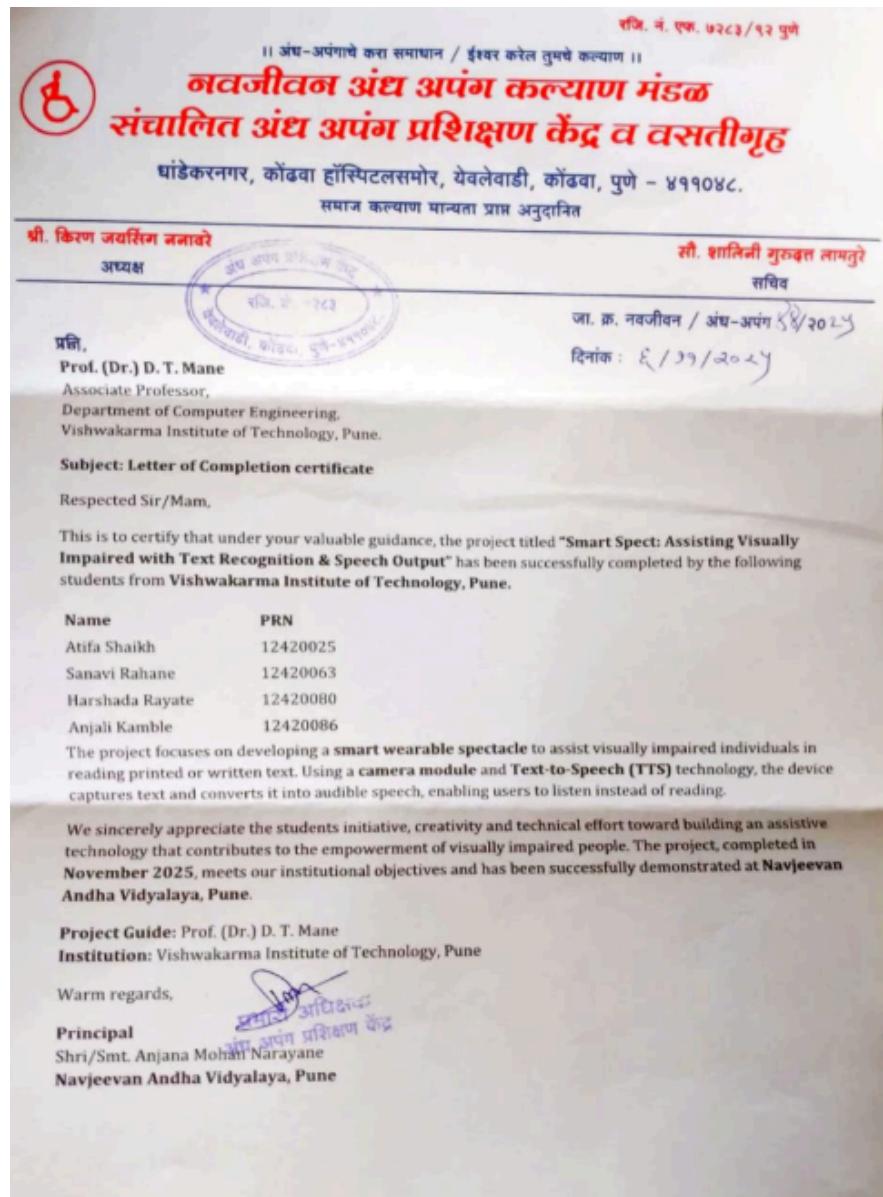
# SOCIAL ACTIVITIES

## SOCIAL ACTIVITIES

# DEVELOPED A PROJECT FOR BLIND STUDENTS

Shaikh Atifa,  
Sanavi Rahane,  
Harshada Rayate,  
Anjali Kamble

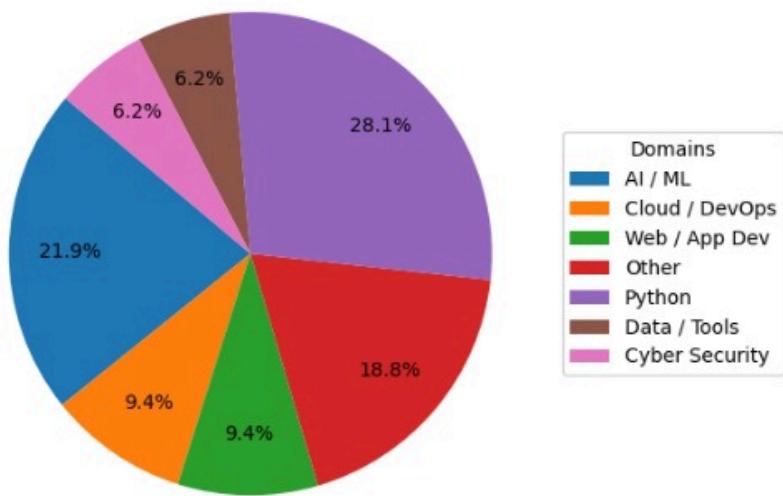
For the Course Artificial Intelligence we have developed a project Smart Glasses for blind peoples and giving/deploying for the students of navjivan blind school of katraj.



# PAPER PUBLICATION

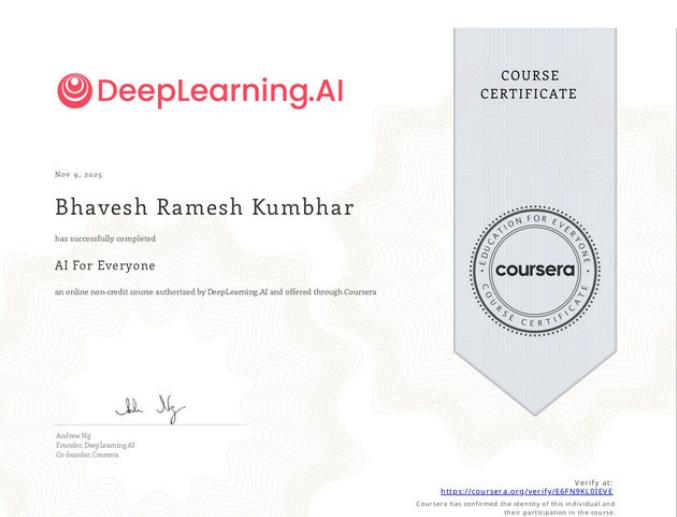
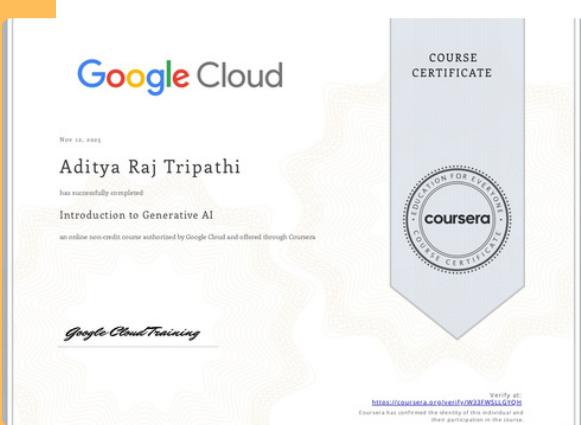
# GRAPH AND ANALYSIS

Course Distribution by Domain



# PAPER PUBLICATION

# CERTIFICATES



Thank You