

Department of Computer Science and Engineering

ACHIEVEMENTS...

F.No. 11017/14/2018-AIM
Atal Innovation Mission,
NITI Aayog

Date: 24-06-2021

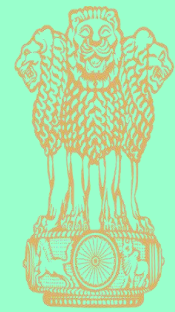
To

Mr. Shriram S,
7, Karunanithi Nagar, Ramanathapuram, Coimbatore-6
Coimbatore- 641045
eMail ID- shriram.s.cse@gmail.com
Mobile No. 6383798532

Dear Mr. Shriram S

With Reference to your application registration No. [REDACTED] for internship in Atal Innovation Mission (AIM), NITI Aayog, I am directed to inform you that your request for virtual internship in AIM for the month of July, 2021 has been accepted in terms of the Guidelines of NITI internship scheme (http://niti.gov.in/sites/default/files/2018-12/NITI_Internship_Guidelines.pdf) issued vide its letter dated 22nd November, 2018, as amended from time to time.

2. You are requested to confirm your acceptance of virtual Internship within 3 working days from the date of this communication. You are required to produce, by return mail, a letter, certifying your status as a student, and a scanned copy of a "No objection", allowing you to undergo Internship program for the period you have been selected, from your Supervisor/Head of Department /Principal of your current college/Institution.



सत्यमेव जयते

NITI Aayog

**NITI AAYOG, ATAL INNOVATION MISSION
New Delhi**

Internship from 01, July, 2021 to 31, December, 2021

by

Mr Shriram S, IV YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Cash Prize Rs. 7000

National level Project Competition on Data Science Challenge 1.0

conducted by

Sarvajanik College of Engineering and Technology, Surat

in association with

IEEE SPS SCET Student Chapter

by

Mr Shriram S, IV YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Semi-finalist
in Flipkart
GRID 3.0

by

Mr Shriram S,
IV YEAR CSE

6887 teams registered

one among 145 teams in INDIA

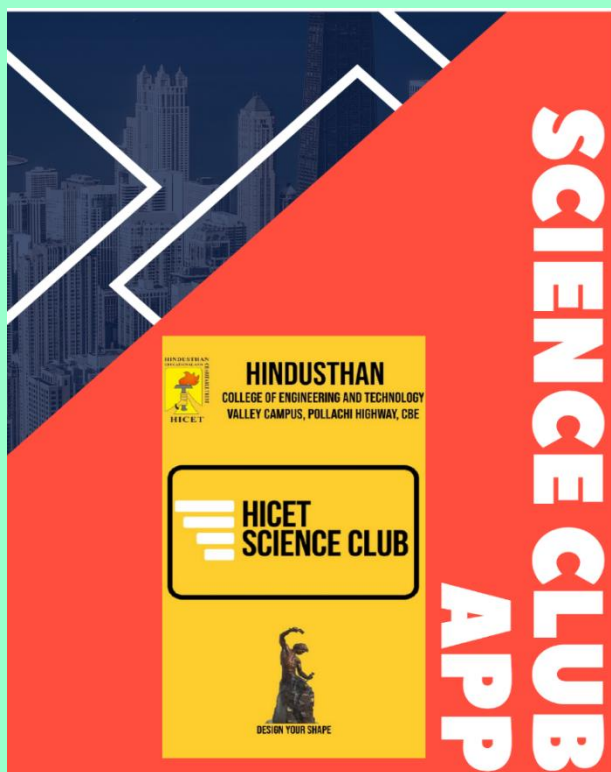
5750404	Ayush Dhiman	Code Breakers	Vellore Institute of Technology (VIT), Chennai
5795940	Akshay Eldhose	Code Brigade	School of Engineering (SOE), CUSAT, Kochi, Kerala
5652999	Pratyush Prasad	codeniatic	Birsa Institute of Technology (BIT), Sindri
5802342	Vipul Bhakar	Codistic	National Institute of Technology (NIT), Kurukshetra
5795289	Kritika Aggarwal	Coffee_and_Code	LNM Institute of Information Technology (LNMIIT), Jaipur
5767501	Anchit Bajaj	Craporia	Thapar Institute of Engineering and Technology
5805776	Gouse	CreatorsClub	Vignans Lara Institute of Technology and Science (VLITS), Andhra Pradesh
5697663	Vedant Janardan	CRUSADERS	Birla Institute of Technology (BIT), Mesra, Ranchi
5697715	Archit Gaur	CrypterX	Indian Institute of Information Technology (IIIT), Bhopal
5746522	Shriram S	CYBER STARS HICET	Hindusthan College of Engineering and Technology (HICET), Coimbatore, Tamil Nadu
5708179	Vanshika Gupta	CyberGuards	Galgotias College of Engineering and Technology
5748825	Kaushik Raj	CyberMonkeys	Presidency University (PU), Bangalore
5748825	Anuj Sharma	CyberSecure	University of Petroleum & Energy Studies (UPES), Dehradun
5692766	Mani Chand	Cyberware	Aditya College Of Engineering, Surampalem
5769329	Ashish Kumar	CyberWizards	Indian Institute of Technology (IIT) (ISM), Dhanbad
5779751	Ansh Sarkar	DAB	Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar
5669708	Ashi Saxena	Deadbug	Dr. Akhilesh Das Gupta Institute of Technology and Management (ADGITM), New Delhi
5732053	Vimal Patel	DeadCode	Indian Institute of Science (IISc), Bangalore
5639907	Rishikesh Anand	Decoders	National Institute of Technology (NIT), Delhi
5700029	Tanishq Arora	delhi_coders	National Institute of Technology (NIT), Delhi
5719502	Aditya Jadon	Delta+	Quantum University, Roorkee
5643361	Avinash Khetri	Devsena	Delhi Technological University (DTU), New Delhi
5740124	Rahul	Diamond_Coders	Chandigarh Engineering College (CEC), Mohali
5694494	Amit Kumar	diagon	Mohit Agrawal Institute of Technology (MAIT), New Delhi

Flipkart GRiD 3.0 - Information Security Challenge : Level 1 Results

5746522	Shriram S	CYBER STARS HICET
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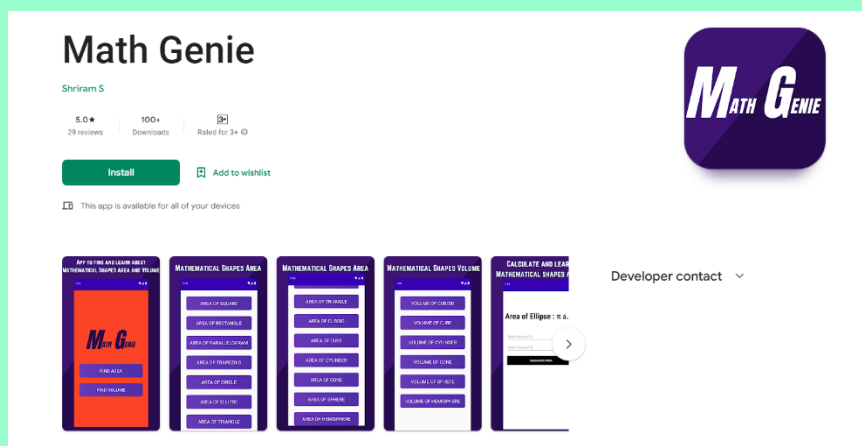
ACHIEVEMENTS...



Science App and
Math Genie App.

by

Mr Shriram S,
IV YEAR CSE



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The poster for the Grand Challenge Contest 2021 features logos for the Ministry of Electronics and Information Technology, Government of India; CDAC (सी डेक); ICEA (India Cellular & Electronics Association); and the Government of Uttar Pradesh. The text announces a sponsored project by CoE, MeitY, and U.P. Government, implemented by CDAC Noida and ICEA. It invites proposals for mobile handset accessories, with a last registration date of 06.09.2021 and a registration link. Prizes include Rs. 25,000 for best design and prototype, and funding for two best designs.

GRAND CHALLENGE CONTEST 2021

CoE, a MeitY and U.P. Government sponsored project is being implemented by CDAC Noida and India Cellular & Electronics Association (ICEA)

Centre of Excellence (CoE) Noida invites proposals for Grand Challenge 2021 on Product Design & Development for Mobile Handset Accessories.

Last Date for Team Registration:
06.09.2021

Team Registration link:
<https://bit.ly/2W7zn30>

**Show Your Innovation
And Win Exciting Prizes:**

- 1st Prize for Best Design – Rs. 25,000
- 1st Prize for Best Prototype – Rs. 25,000
- Funding Amount for Two Best Designs for Prototype Development – Rs. 25,000 each.



TEAM NAME: CYBER STARS HICET

TEAM MEMBER: MR S SHRIRAM, III CSE

PROBLEM STATEMENT 1: P-006: To design a low-cost Digital Radio

PROBLEM STATEMENT 2: P-007: To design a low-cost Bluetooth or a USB headset

TEAM NAME: NOBILIANS

TEAM MEMBERS: Sai Raam V, Santhosh Gopi B, Santhosh K, II CSE

PROBLEM STATEMENT: P001: To create low cost power bank

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HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641032.
www.hicet.ac.in



Congratulations !!

Congratulations to our Final Year B.E CSE Student Shriram S,
for receiving an invitation and accepted to review Research
Article for Social Network Analysis and Mining, Springer
Nature, which is indexed in Scopus, SCI and various databases
with impact factor 3.07.



SCI JOURNAL



SHRIRAM. S
IV YEAR B.E. CSE

Peer Reviewer for Research Journal
Social Network Analysis and Mining, Springer Nature,
by

Mr Shriram S,
IV YEAR CSE

*Department of
Computer Science and Engineering*

ACHIEVEMENTS...



Best Achiever Award 2022

by

Mr Shriram S,
IV YEAR CSE

Department of Computer Science and Engineering

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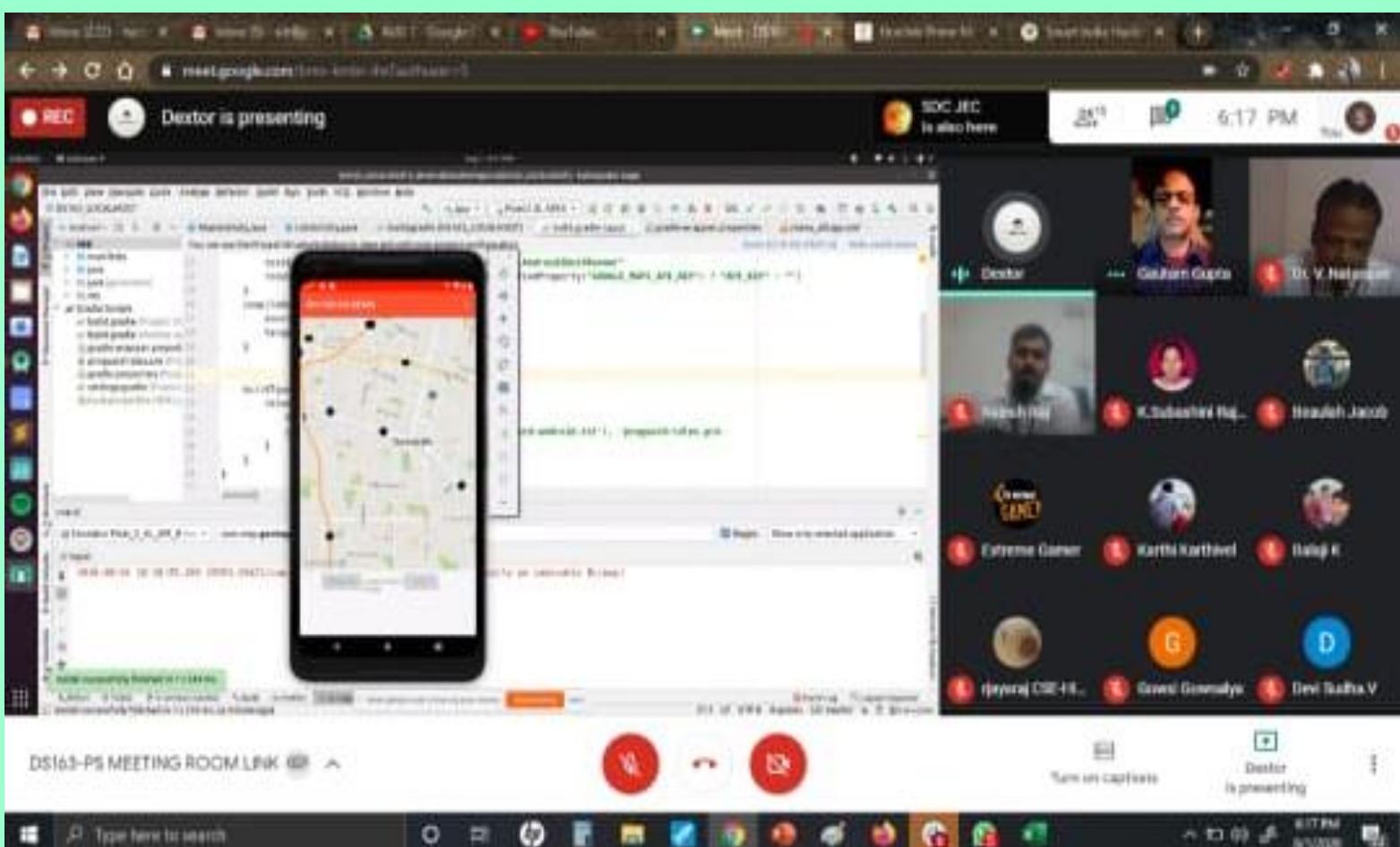


S.no	Event	Student Name	Title of the Project	Nodal Center
1	SIH 2020	Gnana Dextor A Dinesh Kumar V Balaji K Gowsalya K B Karan Raj V S Karthivel K	Android App For Geo-Tagging Location of Wildlife in Forest Areas	Dr. B R Ambedkar Institute of Technology
2	SIH 2021	Mr V Sairaam Mr N Aravind Subramanian Mr C Babiyon Clement Ms R Dheiva Brathyangra Mr B Santhosh Gopi Mr K Santhosh	Training Athletes using AR and VR	SCMS School of Technology

Participation in SIH 2021 - SCMS School of Technology

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**Team Participation in SIH 2020 Virtual Mode
Dr. B R Ambedkar Institute of Technology**

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Cash Prize Rs 20,000

24 Hrs National Level “Hack and Knock 1.0”

at

Dr. N G P Institute of Technology, Coimbatore

by

Mr. Frazer Robert, Mr. P V Jeganathan, Mr. T S Gokul

Raja

2016-2020 Batch

Department of Computer Science and Engineering

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NATIONAL CADET CORPS



TAMIL NADU, PONDICHERRY & ANDAMAN NICOBAR DIRECTORATE

CAMP CERTIFICATE

EBSB PHASE V CAMP - 2021

No. TN19SWF982330 Rank F/C Name Oyndrisha Rakshit

of 2 (TN) AIR SQN NCC

affiliated to TAMIL NADU, PONDICHERRY & ANDAMAN NICOBAR DIRECTORATE

attended the EBSB PHASE V Online Camp from 25 January to 30 January 2021 conducted by 4 (TN) BN NCC, Coimbatore Group.

Place : Coimbatore

Date : 30 Jan 2021



Lt Col JPS Chauhan
Camp Commandant

**One week Online National Camp
EK BHARAT SHRESHTHA BHARAT (EBSB)**

by

Ms. Oyndrisha Rakshit III Year CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



JANSONS INSTITUTE OF TECHNOLOGY
Karumathampatti, Coimbatore - 641659

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to

Mr./Ms. MANIKANDAN. B of
Hindustan College of Engineering

for securing SECOND place in CTF challenges at
CAMCEE'22, A National level technical symposium
Organized by Department of Artificial intelligence,
Jansons institute of Technology, held on 12-04-2022

G. Muthu

HOD

[Signature]

SYMPOSIUM
COORDINATOR

[Signature]

DIRECTOR - ADMIN



Second Prize in CTF challenge'22

at

JANSONS INSTITUTE OF TECHNOLOGY, Coimbatore.

by

Manikandan B, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Best N.S.S Volunteer Award
By
Hemalatha S, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...

✚ Patent Published by our student Mr Shriram under the Intellectual Property Rights, India

- Automated Sign Language Translation and Communication Chatbot system for Illiterate, Aged and/or Autism, Deaf & Dumb People (Application No. 202241048406 A) published on 09/09/2022.
- Online Automated Identity Document Verification System (Application No. 202241046026 A) published on 19/08/2022.
- Covid-19 spread Prevention Assistive Computer Vision based Virtual Mouse using Real-Time Deep Learning AI System (Application No. 202141049969 A) published on 03/12/2021.

Department of Computer Science and Engineering

ACHIEVEMENTS...

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241048406 A

(19) INDIA

(22) Date of filing of Application :25/08/2022

(43) Publication Date : 09/09/2022

(54) Title of the invention : AUTOMATED SIGH LANGUAGE TRANSLATION AND COMMUNICATION CHABOT SYSTEM FOR ILLITERATE, AGED AND/OR AUTISM,DEAF & DUMB PEOPLE

(51) International classification :A01N0047340000, A61P0003040000, A61P0009120000, A61P0003100000, A61P0043000000

(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Address of Applicant :HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI, HIGHWAY, COIMBATORE, TAMILNADU, INDIA 641032. -----

Name of Applicant : NA
Address of Applicant : NA

(72)Name of Inventor :

1)DR.J.JAYA

Address of Applicant :PROFESSOR-ECE, HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI, HIGHWAY, COIMBATORE, TAMILNADU, INDIA 641032. -----

2)DR.S.UMA

Address of Applicant :PROFESSOR-CSE, HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI, HIGHWAY, COIMBATORE, TAMILNADU, INDIA 641032. -----

3)DR.S.SHANKAR

Address of Applicant :PROFESSOR & HEAD-CSE, HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI, HIGHWAY, COIMBATORE, TAMILNADU, INDIA 641032. -----

4)MR.T.K.P.RAJAGOPAL

Address of Applicant :ASSISTANT PROFESSOR-CSE, HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI, HIGHWAY, COIMBATORE, TAMILNADU, INDIA 641032. -----

5)MS.L.SINDHU

Address of Applicant :HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI, HIGHWAY, COIMBATORE, TAMILNADU, INDIA 641032. -----

6)MR. SHARIRAM S

Address of Applicant :HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI, HIGHWAY, COIMBATORE, TAMILNADU, INDIA 641032. -----

(57) Abstract :

Annexure-3 At present a number of online applications and resources are available in the Internet. While normal people could enjoy and avail the wide spread knowledge and take advantage of the Internet, hearing impaired and dumb people could not get the benefits to the fullest. As a measure, to make them also avail the benefits to a greater extent, an automated sign language translation and communication system is built in the form of a chatbot. This invention is very much helpful for people who are suffering from autism to Communicate independently with much ease. The main goal, of the Automated Sign Language Translation and Communication Chatbot System for illiterate, Aged and/or Deaf & Dumb People is to detect the sign language given by the user to the chatbot and getting the corresponding answer to the query is given by the chatbot in Sign language. The Chatbot system Architecture consists of the pretrained model to detect the Sign Language and the corresponding answer to the query is given by the chatbot in Sign Language. The advantage of our system is that it can capture the input sign language, understand it and provide the reply for the query in terms of the sign language itself. This chatbot can be designed to match any of the existing sign languages. In addition, our system is much more helpful for a large number of aged and/or illiterate as well as deaf & dumb people to communicate with any of the applications which have implemented this sign language assisted chatbot application and avail the services rendered by that organization. They need not wait or take the help of other people for their needs. They can act independently, which increases their mental health and courage. This invention is helpful to educate and describe procedures, policies, regulations, etc., to deaf and dumb children as well as for people suffering from autism.

No. of Pages : 5 No. of Claims : 5

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ACHIEVEMENTS...

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 12/08/2022

(21) Application No. 202241046026 A

(43) Publication Date : 19/08/2022

(54) Title of the invention : ONLINE AUTOMATED IDENTITY DOCUMENT VERIFICATION SYSTEM

(51) International classification : G06F0016930000, G07F0007120000, G06K0009000000, G07F0007080000, G06Q0101000000

(86) International Application No : NA
Filing Date : NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number : NA
Filing Date : NA

(62) Divisional to Application Number : NA
Filing Date : NA

(71) Name of Applicant :

1) HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE

Address of Applicant : HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE, TAMIL NADU, INDIA - 641032. -----

Name of Applicant : NA

Address of Applicant : NA

(72) Name of Inventor :

1) Dr. J. JAYA

Address of Applicant : PROFESSOR/ECE, HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE, TAMIL NADU, INDIA - 641032. -----

2) Dr. S. SHANKAR

Address of Applicant : PROFESSOR & HEAD-CSE, HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE, TAMIL NADU, INDIA - 641032. -----

3) Dr. LAKSHMANA KUMAR RAMASAMY

Address of Applicant : HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE, TAMIL NADU, INDIA - 641032. -----

4) SHRIRAM S

Address of Applicant : HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE, TAMIL NADU, INDIA - 641032. -----

(57) Abstract :

Most of the Organizations face difficulties in verifying the Documents for Identity Verification for the users of those organizational (Like the users of Products provided by the Organization or any services provided by the Organization which are used by the users) since they are in need of Human Force and also it takes very long time taking in Traditional method of Document Verification the Organizations which needs the Human Force to check each and every document uploaded by the users and it involves tiring process for the Organizational members and also takes more time to check all the documents submitted by the users for their Identity Verification. Due to this disadvantage there may be a lag in processing and verifying the Identity Documents of the users. The Proposed system has been developed by using Java Programming Language, JSP and Tesseract OCR for doing Optical Character Recognition. The Web Interface has been built using HTML, CSS and JavaScript. MySQL has been used as the Database. The Proposed Online Document Verification System is a Web Application Portal where the user can register to the website and get login to the system and the user has options to verify his/her Documents for Identity verification online and also he/she has the options to view the previously verified Documents. Then the user can verify his/her Identity documents online by giving the details of the document and uploading a valid image proof and the proposed system uses Optical Character Recognition (OCR) Algorithm in backend to check for the Authenticity / Credibility of the Uploaded Image Proof by doing a Verification Process and then notifies the user whether the Document is Successfully verified or not. If the Document is successfully verified it is stored in the particular user database as Verification success for the Particular Document for Identity Verification. Also the user can print that successfully verified Identity Document page for any other purposes also. The proposed system can be used to verify the Identity Documents of the user online without the intervention of any Human Force and thus reduces the time involved in manual verification of the documents uploaded by the user since it automatically verifies the document. The previously verified documents option gives a view of all the previously verified Documents by the user and also date of verification. The future scope of this proposed system is that the Organizations can use this system by integrating the developed system in their Products thus making the Document Verification for their users easier.

No. of Pages : 5 No. of Claims : 5

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Computer Science and Engineering*

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Cash prize of ₹2000 prize
Plan D' Affairs (Idea Pitching Competition)
in HiMac 2023
by
Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Participation in Techgium 2023

by

L&T Technology Services

Title : Lightweight Speech Recognition Module for
recognizing commands

by

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Kshitij 2022 – India Innovates

Pre-finalist in nation's biggest hackathon

by IIT Kharagpur

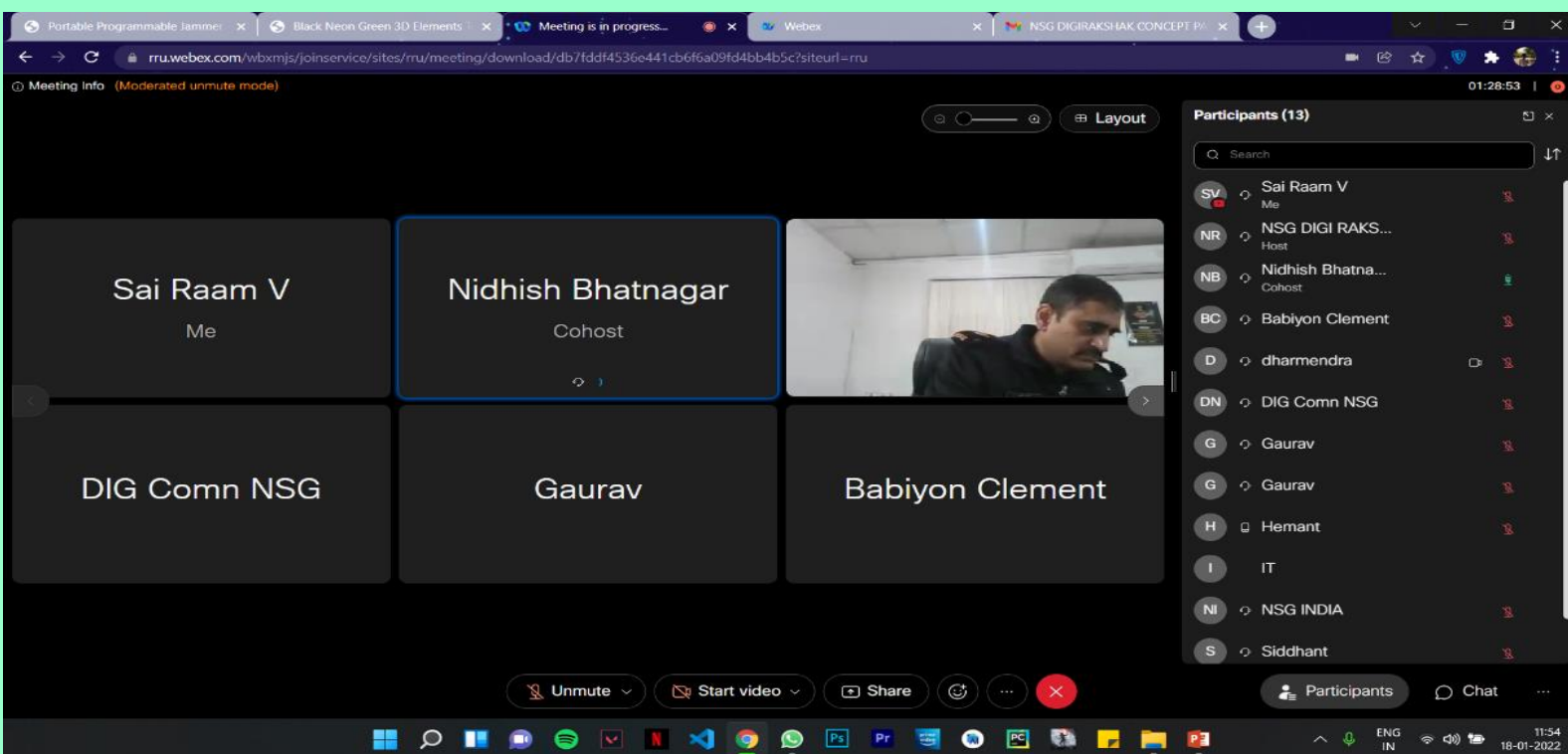
Problem Statement: Reduce global pollution by implementing
Unmanned - Aerial Delivery Vehicle (Project U-ADV).

by

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



DigiRakshak – National Security Guard Hackathon

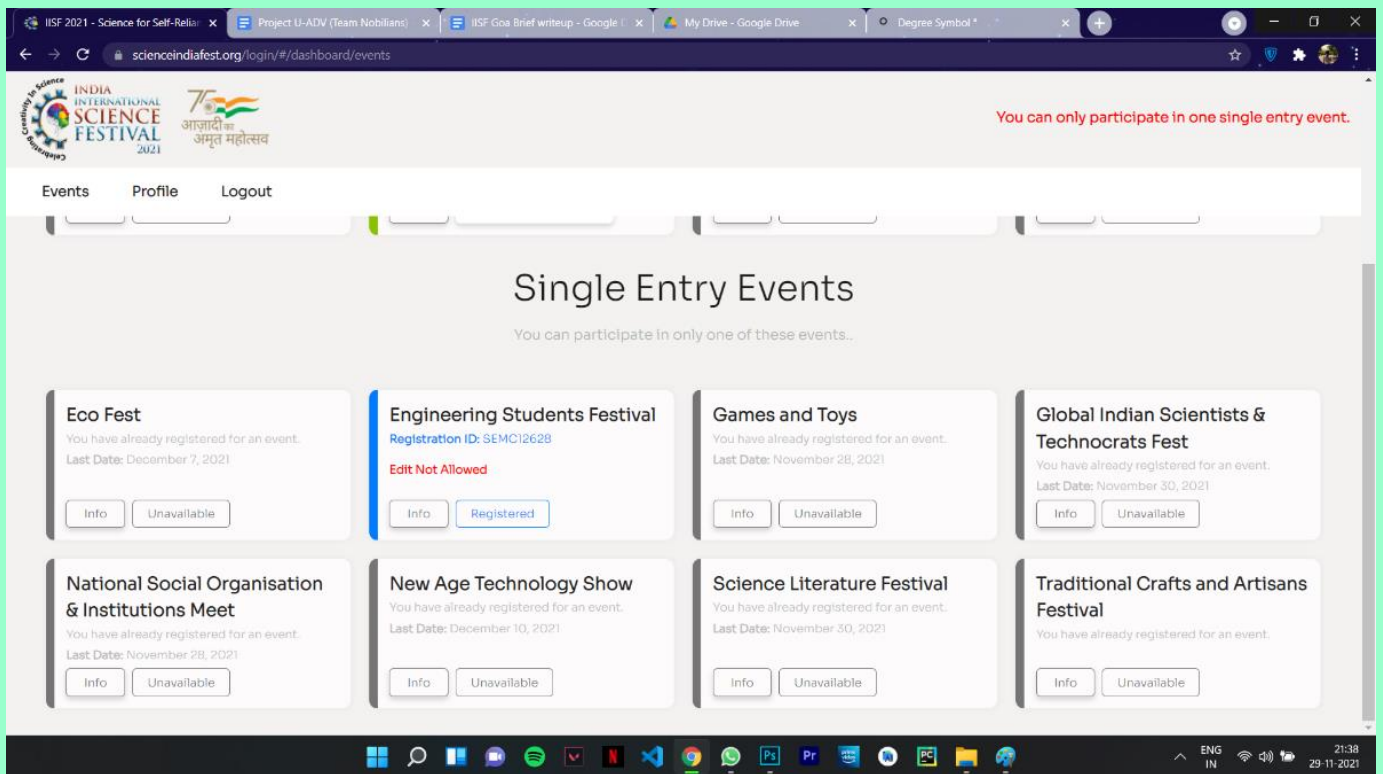
Problem Statement: Portable Programmable Jammer

by

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Participation in International Science Festival

Goa

by

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



MANTHAN – National Level Hackathon

Problem statement : “Hate Speech Detection in
Social Media”

by

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

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**Participation in hardware prototyping - Grand
Challenge**
conducted by
Centre for Development of Advanced Computing Noida
by
Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Participation in Flipkart Grid 4.0

by

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Manuscript Submission

on

“A Preliminary Investigation On Sports-Based Vr Technology With
The Influence Of Psychological Skill Training”

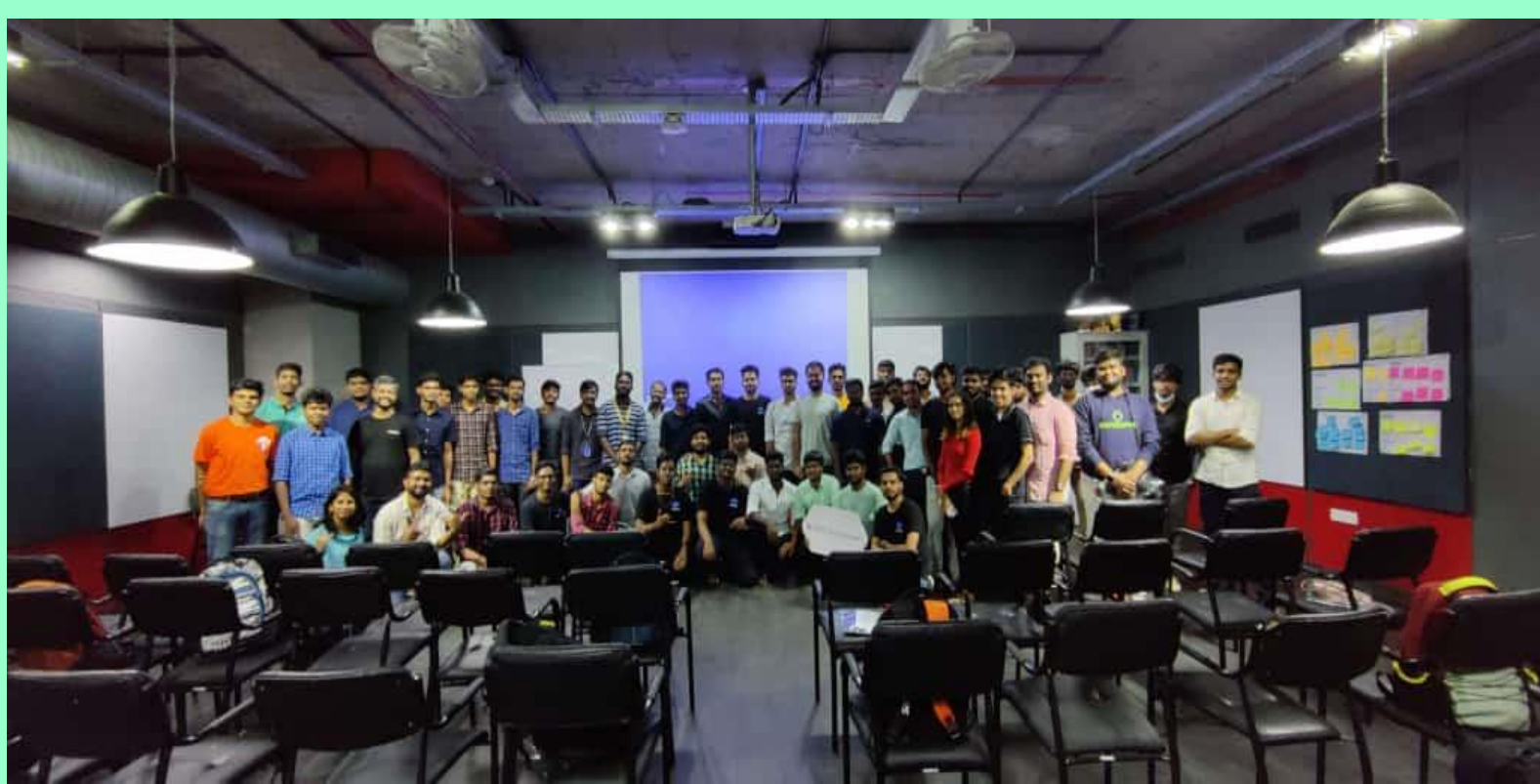
IJCRT Journal.

by

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Google's annual event I/O

Attended

by

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Participation in TechKnow 2022

at

Anna University Campus

by

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



Participation in AWS Deep Racer Student's league

conducted by

Amazon Web Services

by

Mr Sai Raam V, III YEAR CSE

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ACHIEVEMENTS...



Journal of Healthcare Engineering

Journal of Healthcare Engineering / 2021 / Article

On this page

- Abstract
- Introduction
- Related Work
- Experimental Results and Evaluation
- Applications
- Conclusions
- Data Availability
- Conflicts of Interest
- References
- Copyright
- Related Articles

Special Issue

Deep Unsupervised Learning for Healthcare Data Analytics

[View this Special Issue](#)

Research Article | Open Access

Volume 2021 | Article ID 8133076 | <https://doi.org/10.1155/2021/8133076>

[Show citation](#)

Deep Learning-Based Real-Time AI Virtual Mouse System Using Computer Vision to Avoid COVID-19 Spread

S. Shiram ¹, B. Nagaraj ², J. Jaya ³, S. Shankar ⁴ and P. Ajay ⁵

[Show more](#)

Academic Editor: Ayush Dogra

Received	Revised	Accepted	Published
31 Jul 2021	13 Sept 2021	23 Sept 2021	25 Oct 2021

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Citations
 82

Related articles

Journal Publication

Mr Shiram S, has Published Research Journal on, "Deep Learning-Based Real-Time AI Virtual Mouse System Using Computer Vision to Avoid COVID-19 Spread", S. Shiram, et.al, Journal of Healthcare Engineering, Hindawi Publications with 82 Citations and Impact Factor of 3.822. (<https://doi.org/10.1155/2021/8133076>)

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The screenshot shows the WHO COVID-19 Research Database interface. At the top left is the WHO logo and the text "World Health Organization". To the right, it says "WHO COVID-19 Research Database". There are language selection buttons for العربية, 中文(中国), english, français, Русский, español, and português. A "News/Update/Help" button is also present. Below the language buttons is a search bar with the text "Title, abstract, subject" and a search icon. The search results show a paper titled "Deep Learning-Based Real-Time AI Virtual Mouse System Using Computer Vision to Avoid COVID-19 Spread." by Shriram, S; Nagaraj, B; Jaya, J; Shankar, S; Ajay, P. The paper is listed in *J Healthc Eng*; 2021; 8133076, 2021. The article is in English and has a MEDLINE ID of covidwho-1501834. On the right side of the search results, there are buttons for "Fulltext", "Print", "XML", "PubMed Links", and "Search on Google".

Journal Publication

Mr Shriram S, student of of Computer Science and Engineering has published journal on "Deep Learning-Based Real-Time AI Virtual Mouse System Using Computer Vision to Avoid COVID-19 Spread", S. Shriram, et.al, Journal of Healthcare Engineering, Hindawi Publications has been listed under World Health Organization (WHO), Global Literature on Coronavirus Disease Official website.

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An official website of the United States government [Here's how you know](#)

 **National Library of Medicine**
National Center for Biotechnology Information Log in

 Search

Advanced User Guide

Save Email Send to Display options

> J Healthc Eng. 2021 Oct 25;2021:8133076. doi: 10.1155/2021/8133076. eCollection 2021.

Deep Learning-Based Real-Time AI Virtual Mouse System Using Computer Vision to Avoid COVID-19 Spread

S Shriram¹, B Nagaraj², J Jaya³, S Shankar¹, P Ajay⁴

Affiliations + expand
PMID: 34733459 PMCID: PMC8560261 DOI: 10.1155/2021/8133076
[Free PMC article](#)

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ACTIONS
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Journal Publication

Mr Shriram S, published journal on "Deep Learning-Based Real-Time AI Virtual Mouse System Using Computer Vision to Avoid COVID-19 Spread", S. Shriram, et.al, Journal of Healthcare Engineering, Hindawi Publications has been listed under National Library of Medicine, National Center for Biotechnology Information, United States of America (USA) Government

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The screenshot displays the Europe PMC website interface. At the top, there is a navigation bar with the Europe PMC logo and links for 'About', 'Tools', 'Developers', and 'Help'. A search bar is prominently featured, containing the text 'Search life-sciences literature (41,501,879 articles, preprints and more)'. Below the search bar, the article 'Deep Learning-Based Real-Time AI Virtual Mouse System Using Computer Vision to Avoid COVID-19 Spread.' is displayed. The authors listed are Shriram S¹, Nagaraj B², Jaya J³, Shankar S¹, and Ajay P⁴. The article is published in the 'Journal of Healthcare Engineering' on October 25, 2021, with a PMID of 34733459 and a PMCID of PMC8560261. The article is marked as 'Free to read & use'. On the right side of the article, there are options for 'Annotations (136)', 'Get citation', 'Open PDF', and 'Claim to ORCID'. At the bottom, there are social media sharing icons for email, Twitter, LinkedIn, and Facebook.

Journal Publication

Mr Shriram S, published journal on "Deep Learning-Based Real-Time AI Virtual Mouse System Using Computer Vision to Avoid COVID-19 Spread", S. Shriram, et.al, Journal of Healthcare Engineering, Hindawi Publications has been listed Europe Pubmed Central with PMID: 3473349. (<https://europepmc.org/article/med/34733459>)

Department of Computer Science and Engineering

ACHIEVEMENTS...



Malumichampatti, Tamil Nadu, India
VXVR+2JG, Malumichampatti, Tamil Nadu 641050, India
Lat 10.892694°
Long 76.991568°
19/03/22 03:11 PM

Innovative project idea display

19th March, 2022

Venue: HICET Central Library.

By

Mr Sai Raam V, III YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...

The Coursera logo, featuring the word "coursera" in a blue, lowercase, sans-serif font.The Learnathon 2021 logo, with "LEARNATHON" in a bold, blue, sans-serif font inside a dark blue banner, and "2021" in white text on an orange rectangular background below it.The Infosys Campus Connect logo, with "Infosys" in a large, blue, sans-serif font and "CAMPUS CONNECT" in a smaller, blue, sans-serif font below it.The Oracle logo, consisting of the word "ORACLE" in white, uppercase, sans-serif font on a red rectangular background.The Salesforce logo, featuring the word "salesforce" in a white, lowercase, sans-serif font inside a blue cloud shape.The edX logo, with "ed" in purple and "X" in blue, in a bold, sans-serif font.The Automation Anywhere logo, featuring a stylized orange "A" followed by the text "AUTOMATION ANYWHERE" in black, uppercase, sans-serif font, and "Go be great." in a smaller orange font below it.The Spoken-tutorial logo, with a circular icon containing two overlapping spheres (one black, one white) above the text "spoken-tutorial" in a bold, black, sans-serif font. Below it, in a smaller font, is "Powered by Ministry of Human Resources and Development, Government of India."The NPTEL logo, featuring a stylized flower-like icon with a red center and yellow petals, surrounded by a circular border of yellow and red segments, with "NPTEL" in a bold, orange, sans-serif font below it.

CAMBRIDGE
International Examinations

Self Study Courses offered by the department

Department of Computer Science and Engineering

ACHIEVEMENTS...

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS38S13361663

To
SHRIRAM S
7, KARUNANITHI NAGAR
RAMANATHAPURAM, COIMBATORE-641045
COIMBATORE
TAMIL NADU - 641045
PH. NO :6383798532



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SHRIRAM S

for successfully completing the course


An Introduction to Programming through C++

with a consolidated score of **61** %

Online Assignments	19.41/25	Programming Exam	18.5/25	Proctored Exam	23.5/50
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Total number of candidates certified in this course: **485**

Jan-Apr 2021
(12 week course)


Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No:NPTEL21CS38S13361663

To validate and check scores: <https://nptel.ac.in/noc>

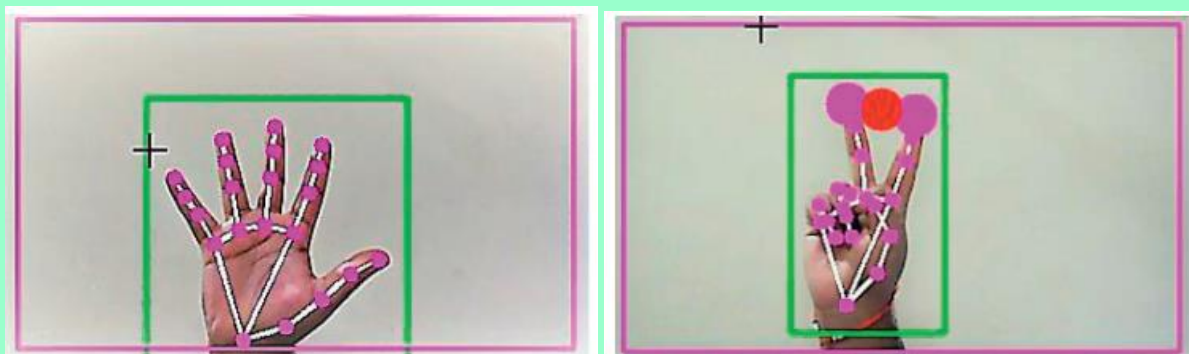
NPTEL Certification by our Student

Department of Computer Science and Engineering

ACHIEVEMENTS...



ICT Academy Learnathon Certification by our Student



AI Virtual Mouse System Using Computer Vision to Avoid COVID-19 Spread

Developed by Mr S Shriram, IV YEAR CSE

Department of Computer Science and Engineering

ACHIEVEMENTS...



In collaboration
with



Powered by



Smart
Internz

CERTIFICATE OF PARTICIPATION

This is to certify that Rishab Babuliji
from team Bash! studying at Hindusthan College of
Engineering & Technology has participated in IBM Hack Challenge 2022

Mona Bharadwaj
Global University Programs Leader,
IBM India Private Limited

Participation in IBM Hack Challenge

Department of Computer Science and Engineering

ACHIEVEMENTS...

INTERNSHIP



NTT DATA



CODINGMART



skava



Cognizant



Our students undergone internship at various companies
to upgrade their technical skills