IGNITE

Vol.02. issue.11 13.02.2024

IGNITE 2024

A DAILY NEWSLETTER

Editor in Chief

Dr. Srinivasan Alavandar
Principal, ACT

Editors

Ms N Dhivya, AP - S&H
Ms S Archana AP – EEE
Mr V Kothantapani – EEE II Year

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STUDENT ACHIEVEMENT

TAMILNADU SKILL DEVELOPMENT CORPORATION

TN SKILLS 2023

James Santhosh V, Final year student, Department of Mechatronics Engineering, got selected for next level in the **TN Skills competition.** This achievement will be celebrated at an upcoming ceremony, where **he will be honoured by Mr. Udhayanidhi Stalin, the Minister of Youth Welfare and Sports Development**, at the Nandanam CMRL building on 16th February, 2024.

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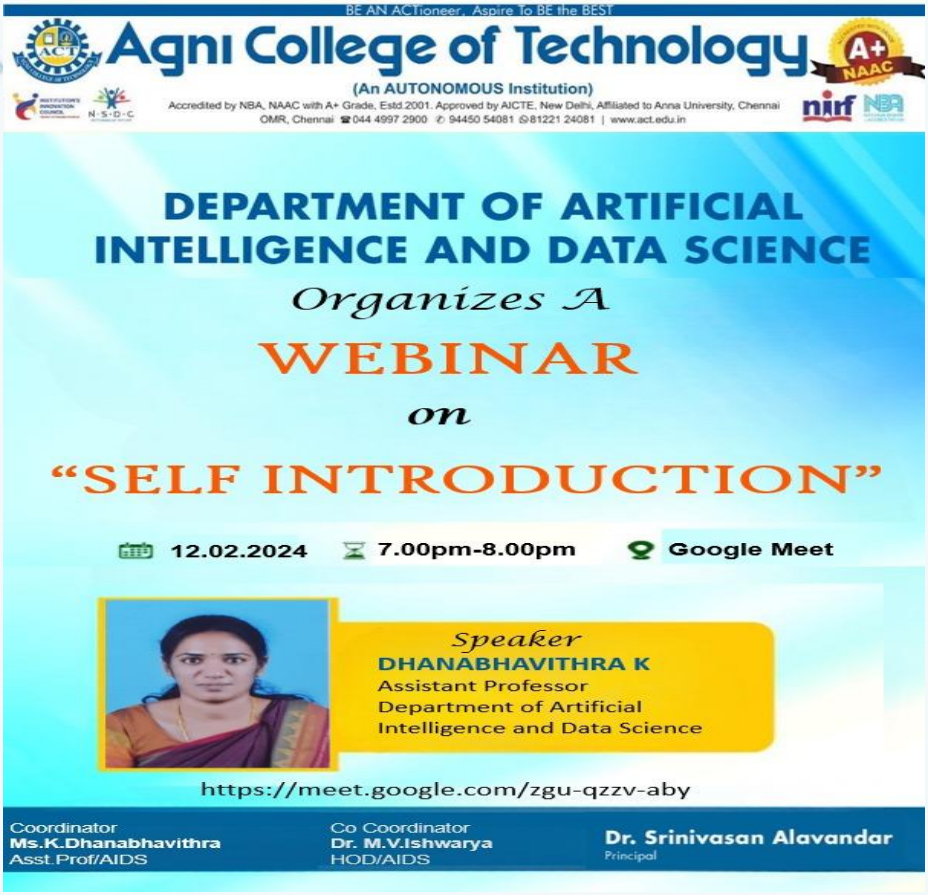
PLACEMENT NEWS

Final year male candidates from the department of Chemical Engineering attended the placement drive Face to Face Interview Virtually on 13th February 2024. CavinKare has become one of the most successful home-grown FMCG companies.

AIDS WEBINAR SERIES



The Department of Artificial Intelligence and Data Science has arranged the **WEBINAR SERIES** on Soft Skill Training from 12.2.2024 to 16.2.2024. The webinar on **"SELF INTRODUCTION"** was efficaciously conducted by speaker **Mrs.Dhanabhavithra.k,** Assistant Professor , from 7.00pm to 8.00pm through Google Meet on 12-02-2024. Many positive feedbacks were given by third year AIDS students, regarding the same.

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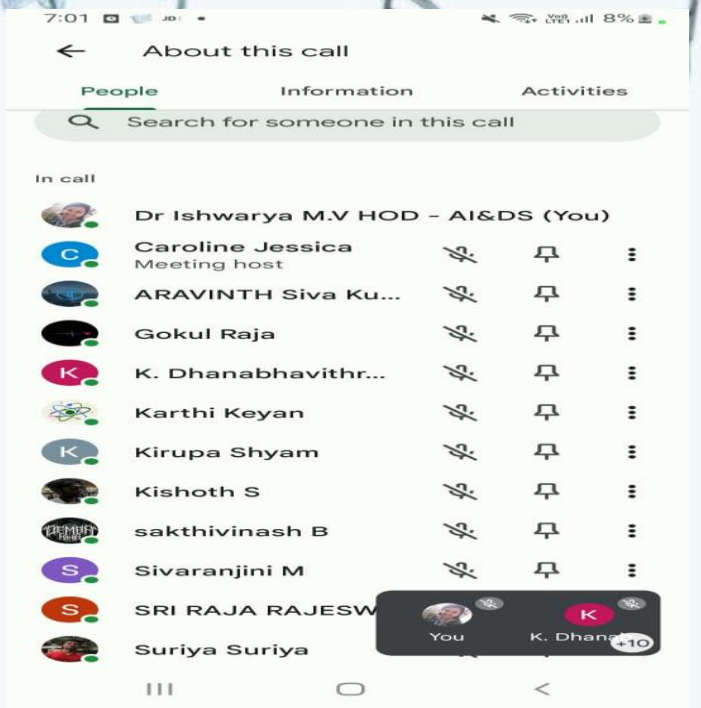
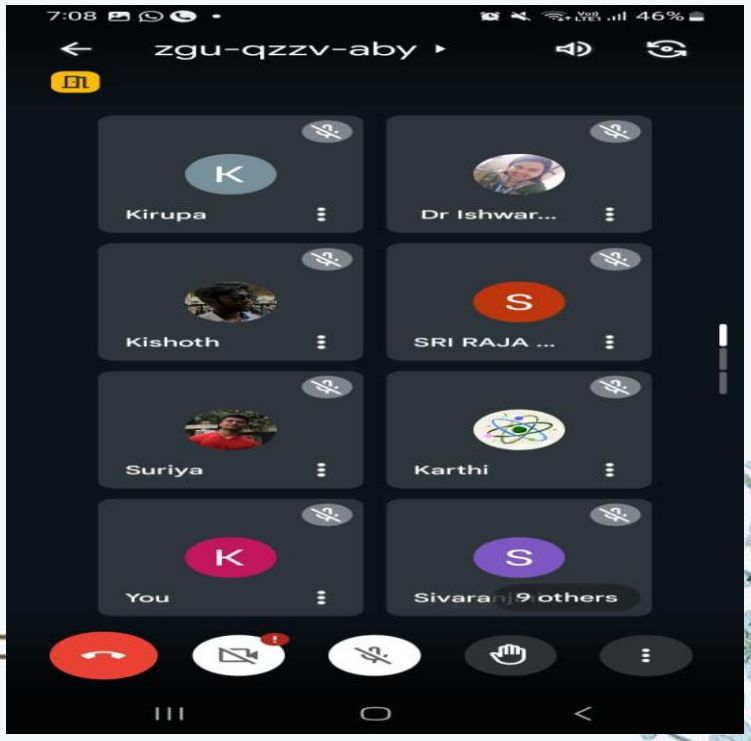
GALLERY





FACULTY ACHIEVEMENT

Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science, received the **" BEST RESEARCHER AWARD 2023"** award by TECH FORUM RESEARCH FOUNDATION (ISO 9001:2015 Certified) for her outstanding achievements and remarkable contributions on 12th February 2024. It will be published in the newsletter of TFRF on March 15th 2024.

GALLERY

5:20 18%

TFRF AWARDS 2023 – Reg.

External Inbox

DIRECTOR TFRF 5:00 pm
to bcc: me

Dear Academicians,

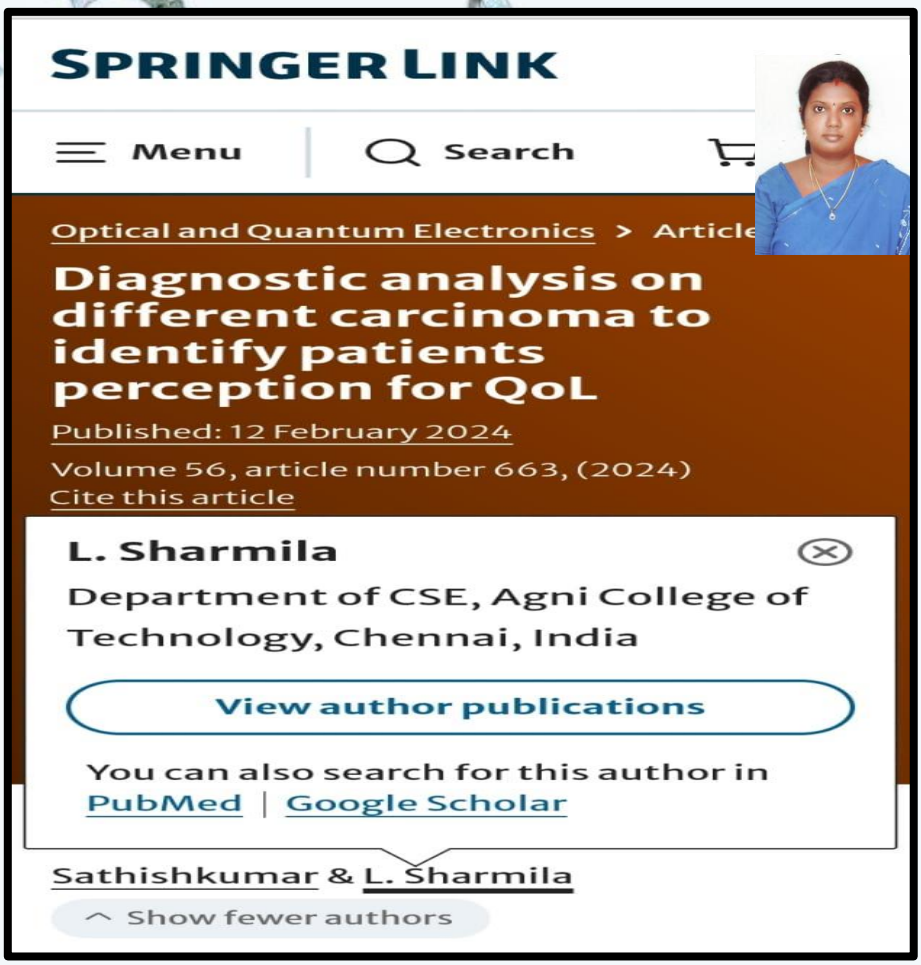
Warm Greetings from Tech Forum Research Foundation (ISO 9001:2015 Certified) !!!

It is my immense pleasure to share that the list of awardees is enlisted in TFRF website, and it will be published in Newsletter of TFRF on March 15, 2024. We thank all academicians who trust us and let us continue for the development of research and for the society.

Kindly find the list of awardees of the year 2023.

Thanks and regards
Director (Awards)
Tech Forum Research Foundation
Salem, TN, India.

FACULTY ACHIEVEMENT



SPRINGER LINK

Menu | Search

Optical and Quantum Electronics > Article

Diagnostic analysis on different carcinoma to identify patients perception for QoL

Published: 12 February 2024

Volume 56, article number 663, (2024)

Cite this article

L. Sharmila

Department of CSE, Agni College of Technology, Chennai, India

View author publications

You can also search for this author in PubMed | Google Scholar

Sathishkumar & L. Sharmila

Show fewer authors

Dr.L.Sharmila, Professor and Head, Department of CSE, has published a research paper titled **"Diagnostic analysis on different carcinoma to identify patients perception for QoL"** in **"Optical and Quantum Electronics"** (Springer, SCI indexed journal) on 12th February 2024.

FACULTY ACHIEVEMENT

Heliyon 10 (2024) e23988

Contents lists available at ScienceDirect

Heliyon

journal homepage: www.cell.com/heliyon

Production of green hydrogen from sewage sludge / algae in agriculture diesel engine: Performance Evaluation

Venkatesh Rathinavelu, Arul Kulandaivel [b], Arvind Kumar Pandey [c], Rahul Bhatt [d], Melvin Victor De Pour, siful Hossain Seikh [f], Amjad Iqbal [g], P. Murugan [h,*]

[a] Department of Mechanical Engineering, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences (SIMATS), Chennai

[b] Department of Mechanical Engineering, Agni College of Technology, Chennai, 600130, Tamilnadu, India

[d] Department of Computer Science and Engineering, Dev Bhoomi Uttarakhand University, Dehradun, Uttarakhand, India

[e] School of Natural Sciences and Mathematics, Ural Federal University, Yekaterinburg, 620000, Russia

[f] Mechanical Engineering Department, College of Engineering, King Saud University, Riyadh 11421, Saudi Arabia

[g] Department of Materials Technologies, Faculty of Materials Engineering, Silesian University of Technology, 44-100, Gliwice, Poland

[h] Department of Mechanical Engineering, Jimma Institute of Technology, JIMMA University, Ethiopia

Dr. Arul Kulandaivel, HoD, Department of Science and Humanities, has published a research paper, titled, **Production of green hydrogen from sewage sludge/algae in agriculture diesel engine: Performance Evaluation "** in **Heliyon, WoS Publications, Listed in Anna University Annexture-I Journal with Impact factor is 3.776.**

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INDUSTRIAL VISIT

Students from the Department of Aerospace Engineering embarked on an industrial visit to the **National Centre for Combustion Research & Development (NCCRD), IIT Madras.** During their visit, the students gained valuable insights into a diverse range of fields, including automotive engineering, thermal power generation, aerospace propulsion, fire research, and microgravity combustion.

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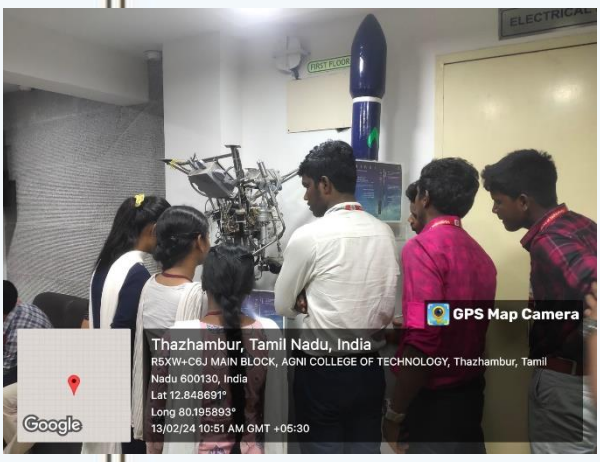
GALLERY



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PLACEMENT APPRECIATION

Ramya M., Ramya R., Sarathapriya S., Rakshana Fathima, Sai Kirupa B.P., Arun Kumar A., and Sarath Kumar S. Final year students from the Department of Computer Science and Engineering have been placed in **ALMIPL Solar** as **digital marketers** under the guidance of **Dr.L.Sharmila** (Head of the Department of Computer Science and Engineering), and **G. Uma Devi** (Final year class in-charge).

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FACULTY PARTICIPATION

Mr.T.Srinivasan, Assistant Professor, Department of Mechatronics Engineering, attended an International Conference "**KANITAMIL'24**" organized by the Tamil Nadu government on 10th February, 2024. In this conference, various recent developments in research on natural language processing, artificial intelligence, machine learning functional programs, machine translation programs, sentiment analysis, large-scale language models, and the potential of using Tamil in automatic text recognition were extensively discussed.

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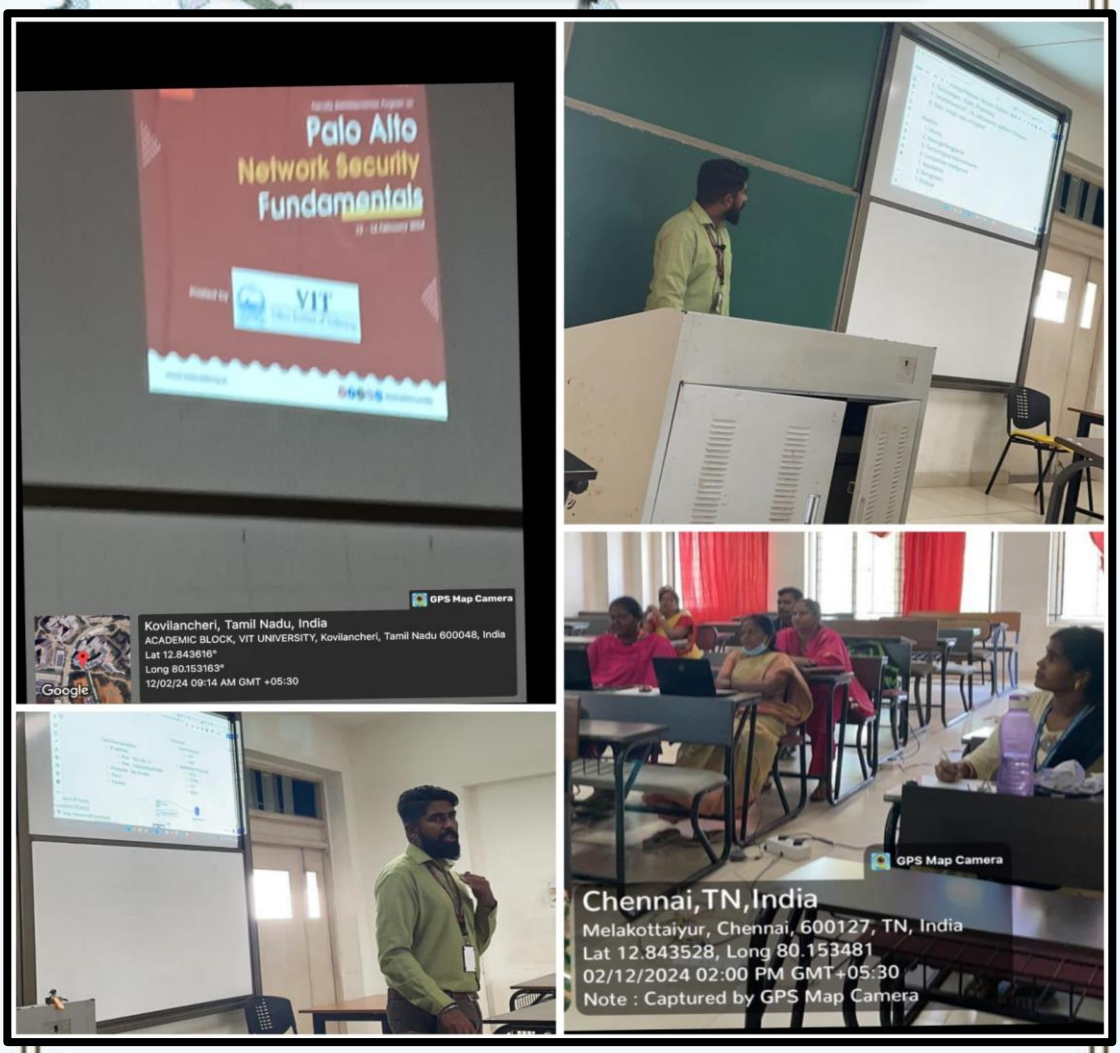
FACULTY PARTICIPATION



Ms.Kavya R. K., Assistant Professor, Computer Science and Engineering has attended a **Faculty Devlopment Program** on **"Palo Alto Network Security Fundamentals"** organized by VIT College on 12th February, 2024.

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FACULTY PARTICIPATION

Mrs.Leonila T., Assistant Professor, Department of Information Technology, has attended Faculty Development Program on the topic "**ICT – Palo Alto Network Security Fundamentals**" organized by **VIT, Chennai**. on 12th February 2024.

FACULTY PARTICIPATION

Vel Tech High Tech
Dr.Rangarajan Dr.Sakunthala Engineering College
An Autonomous Institution
Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

Certificate of Participation

This is to certify that **Dr. P. Murugan, Associate Professor** from **Agni College of Technology,** has participated in the two weeks virtual Faculty Development Programme on **"Advancements in Biotechnology and Chemical Engineering (ABC – 2024)"** jointly organized by Department of Biotechnology and Department of Chemical Engineering, **Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College,** Avadi, Chennai, Tamil Nadu from **02nd January 2024** to **12th January 2024.**

Dr. D. Yuvaraj, Head - Biotech, Co-Convenor
Dr. J. B. Veeramalini, Head - Chemical, Co-Convenor
Dr. B. Bharathiraja, Dean - SoBCE, Convenor
Dr. E. Kamalanaban, Principal

Certificate No: FDP/ABC/02/2024/060

Dr. P. Murugan, Head of the Department, Department of Chemical Engineering, had participated in two weeks virtual Faculty Development Programme on **"Advancement in Biotechnology and Chemical Engineering (ABC-2024)"** organized by Department of Biotechnology and the Department of Chemical Engineering, **Vel Tech Dr. Rangarajan Dr. Sakunthala Engineering College**, Chennai from 02 January 2024 to 12 January 2024.

FACULTY PARTICIPATION

Vel Tech High Tech
Dr.Rangarajan Dr.Sakunthala Engineering College
An Autonomous Institution
Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

Certificate of Participation

This is to certify that **Mrs.C.D. Karthika, Assistant Professor** from **Agni College of Technology,** has participated in the two weeks virtual Faculty Development Programme on **"Advancements in Biotechnology and Chemical Engineering (ABC – 2024)"** jointly organized by Department of Biotechnology and Department of Chemical Engineering, **Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College,** Avadi, Chennai, Tamil Nadu from **02nd January 2024** to **12th January 2024.**

Dr. D. Yuvaraj, Head - Biotech, Co-Convenor
Dr. J. B. Veeramalini, Head - Chemical, Co-Convenor
Dr. B. Bharathiraja, Dean - SoBCE, Convenor
Dr. E. Kamalanaban, Principal

Certificate No: FDP/ABC/02/2024/061

Mrs. C. D. Karthika, Assistant Professor, Department of Chemical Engineering, had participated in two weeks virtual Faculty Development Programme on **"Advancement in Biotechnology and Chemical Engineering (ABC-2024)"** organized by the Department of Biotechnology and the Department of Chemical Engineering, **Vel Tech Dr. Rangarajan Dr. Sakunthala Engineering College**, Chennai from 02 January 2024 to 12 January 2024.

FACULTY PARTICIPATION

Vel Tech High Tech
Dr.Rangarajan Dr.Sakunthala Engineering College
An Autonomous Institution
Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

Certificate of Participation

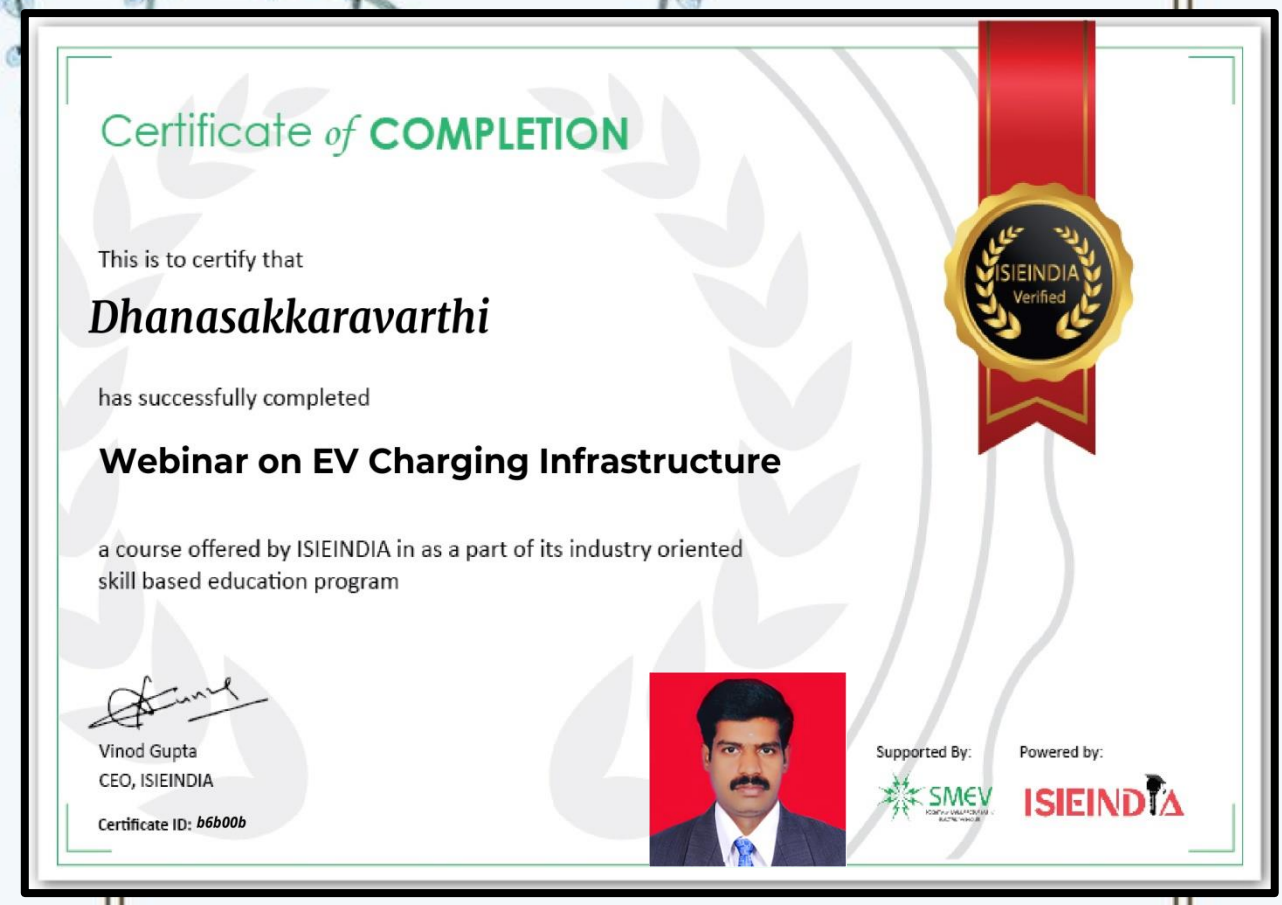
This is to certify that **Mr. N. Arunodhaya, Assistant Professor** from **Agni College of Technology,** has participated in the two weeks virtual Faculty Development Programme on **"Advancements in Biotechnology and Chemical Engineering (ABC – 2024)"** jointly organized by Department of Biotechnology and Department of Chemical Engineering, **Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College,** Avadi, Chennai, Tamil Nadu from **02nd January 2024** to **12th January 2024.**

Dr. D. Yuvaraj, Head - Biotech, Co-Convenor
Dr. J. B. Veeramalini
Dr. B. Bharathiraja, Dean - SoBCE, Convenor
Dr. E. Kamalanaban, Principal

Certificate No: FDP/ABC/02/2024/047

Mr. N. Arunodhaya, Assistant Professor, Department of Chemical Engineering had participated in two weeks virtual Faculty Development Programme on **"Advancement in Biotechnology and Chemical Engineering (ABC-2024)"** organized by Department of Biotechnology and Department of Chemical Engineering, **Vel Tech Dr. Rangarajan Dr. Sakunthala Engineering College**, Chennai from 02 January 2024 to 12 January 2024.

FACULTY PARTICIPATION



Certificate of COMPLETION

This is to certify that

Dhanasakkaravarthi

has successfully completed

Webinar on EV Charging Infrastructure

a course offered by ISIEINDIA in as a part of its industry oriented skill based education program

Vinod Gupta
CEO, ISIEINDIA

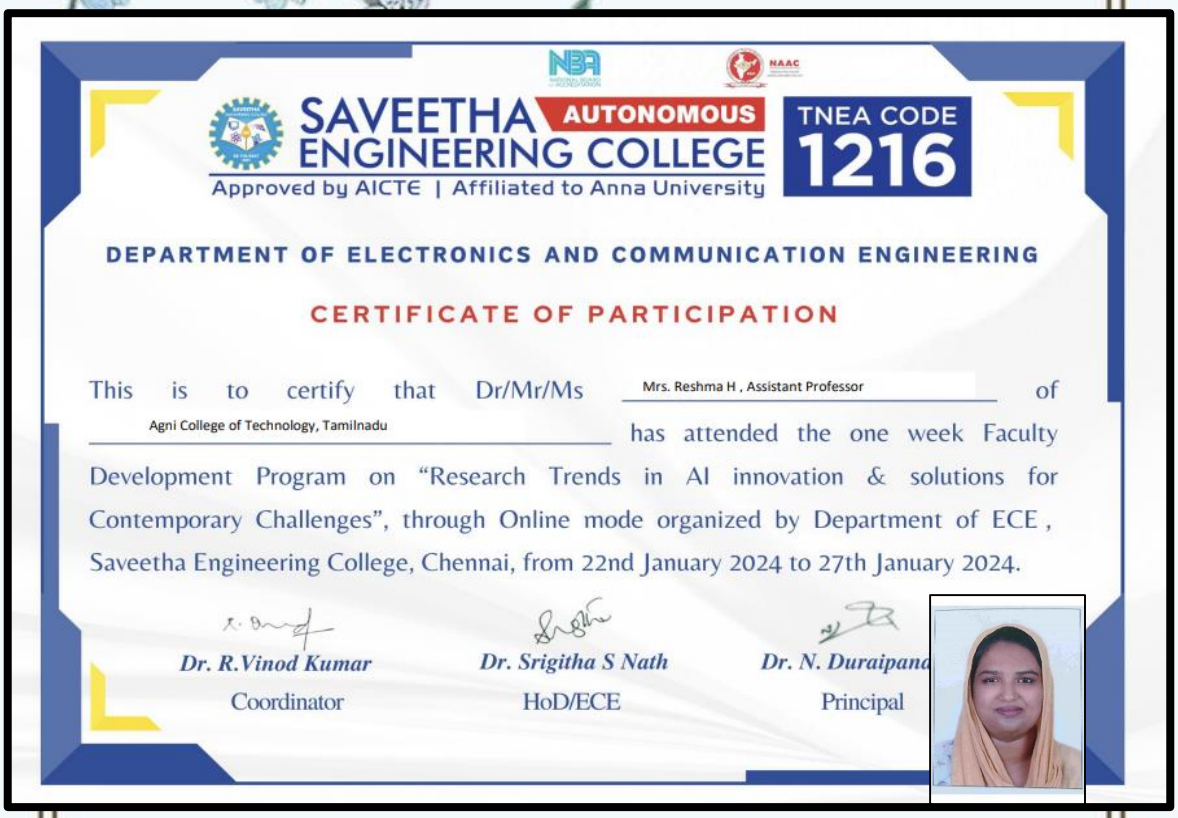
Certificate ID: *b6b00b*

Supported By: SMEV

Powered by: ISIEINDIA

Dr. B. Dhanasakkaravarthi, Assistant Professor, Department of Mechanical, has participated and successfully completed the webinar titled "**EV Charging Infrastructure**" conducted by ISIEINDIA on 20th January , 2024.

FACULTY PARTICIPATION



SAVEETHA ENGINEERING COLLEGE AUTONOMOUS

TNEA CODE 1216

Approved by AICTE | Affiliated to Anna University

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Dr/Mr/Ms Mrs. Reshma H , Assistant Professor of Agni College of Technology, Tamilnadu has attended the one week Faculty Development Program on "Research Trends in AI innovation & solutions for Contemporary Challenges", through Online mode organized by Department of ECE , Saveetha Engineering College, Chennai, from 22nd January 2024 to 27th January 2024.

Dr. R.Vinod Kumar, Coordinator

Dr. Srigitha S Nath, HoD/ECE

Dr. N. Duraipand, Principal

Mrs.Reshma H, Assistant Professor, Department of Information Technology, has attended one week Faculty Development Program on "**Research Trends in AI Innovation& solutions for Contemporary Challenges**" organized by **Saveetha Engineering College, Chennai** from 22nd January to 27th January 2024.

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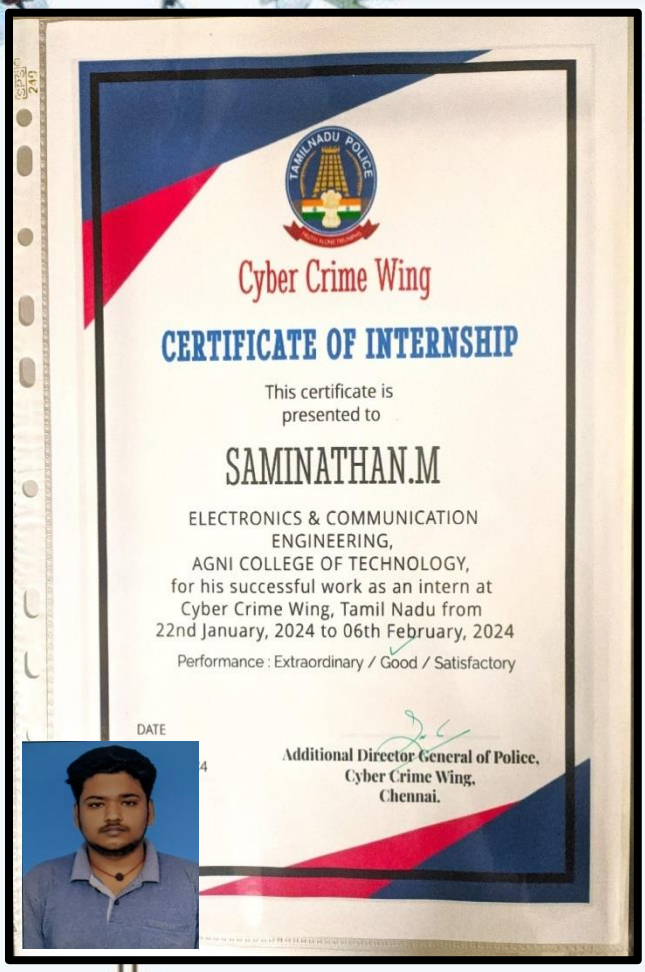
STUDENT ACHIEVEMENT



Cyber Crime Wing

CERTIFICATE OF INTERNSHIP

This certificate is presented to

SAMINATHAN.M

ELECTRONICS & COMMUNICATION ENGINEERING,
AGNI COLLEGE OF TECHNOLOGY,
for his successful work as an intern at
Cyber Crime Wing, Tamil Nadu from
22nd January, 2024 to 06th February, 2024

Performance : Extraordinary / Good / Satisfactory

DATE

Additional Director General of Police,
Cyber Crime Wing,
Chennai.

Cyber Crime Wing

CERTIFICATE OF INTERNSHIP

This certificate is presented to

VIGNESHWAR.B

ELECTRONICS & COMMUNICATION ENGINEERING,
AGNI COLLEGE OF TECHNOLOGY,
for his successful work as an intern at
Cyber Crime Wing, Tamil Nadu from
22nd January, 2024 to 06th February, 2024

Performance : Extraordinary / Good / Satisfactory

DATE

Additional Director General of Police,
Cyber Crime Wing,
Chennai.

M. Saminathan, and B. Vigneshwar, Students, III Year, Department of Electronics and Communication Engineering, have successfully completed internship on **"Cyber Crime Wing, Tamil Nadu"** from 22.01.24 to 06.02.24.

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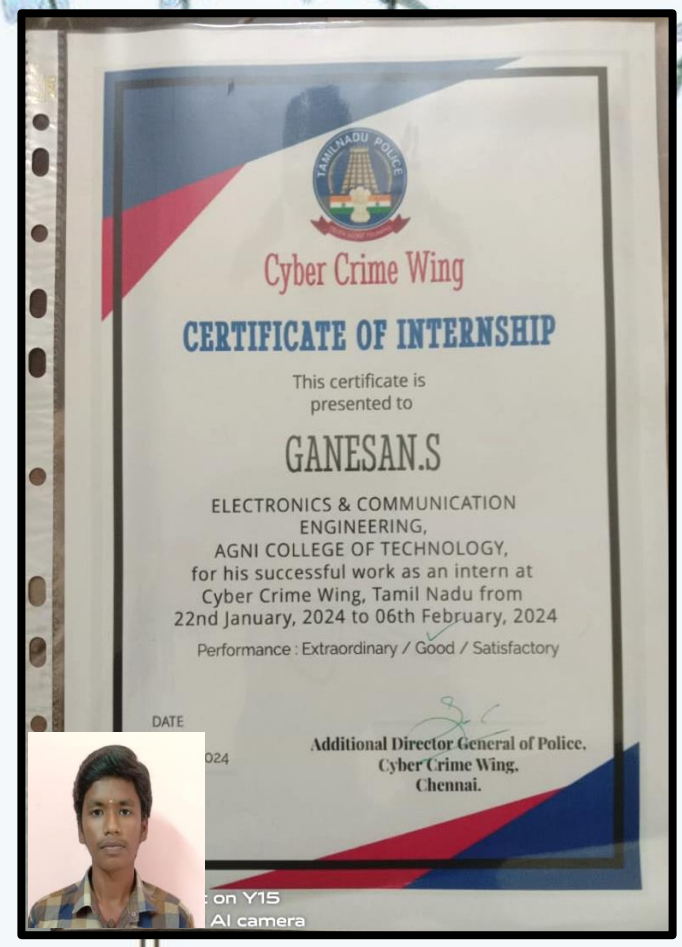
STUDENT ACHIEVEMENT



Cyber Crime Wing

CERTIFICATE OF INTERNSHIP

This certificate is presented to

GANESAN.S

ELECTRONICS & COMMUNICATION ENGINEERING,
AGNI COLLEGE OF TECHNOLOGY,
for his successful work as an intern at
Cyber Crime Wing, Tamil Nadu from
22nd January, 2024 to 06th February, 2024

Performance : Extraordinary / Good / Satisfactory

DATE

Additional Director General of Police,
Cyber Crime Wing,
Chennai.

Cyber Crime Wing

CERTIFICATE OF INTERNSHIP

This certificate is presented to

SREEJITH.S

ELECTRONICS & COMMUNICATION ENGINEERING,
AGNI COLLEGE OF TECHNOLOGY,
for his successful work as an intern at
Cyber Crime Wing, Tamil Nadu from
22nd January, 2024 to 06th February, 2024

Performance : Extraordinary / Good / Satisfactory

DATE

Additional Director General of Police,
Cyber Crime Wing,
Chennai.

S. Ganesan, and S. Sreejith, Students, III Year, Department of Electronics and Communication Engineering, have successfully completed internship on **"Cyber Crime Wing, Tamil Nadu"** from 22.01.24 to 06.02.24.

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STUDENTS PARTICIPATION

Franklin J., Harini P., Kabilan R., Karthik K., Ragul R., GB Kirthicklochan, P., Hariprasath D., and Venkatasubramaniyan karthick, III Year students, Department of Mechatronics Engineering, have received certificates for attending one day workshop on **Robotics Design Principle** held at **SIMATS Engineering**, Chennai on 10th February, 2024.

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STUDENTS PARTICIPATION

III-year students from the Department of had attended an "**INTERNATIONAL CONFERENCE KANITAMIL'24"** organized by the Tamil Nadu government, where experts from various countries shared their experience and research work. Students gain valuable insights about the integration of Tamil Nadu AI Technology on 10th February 2024.

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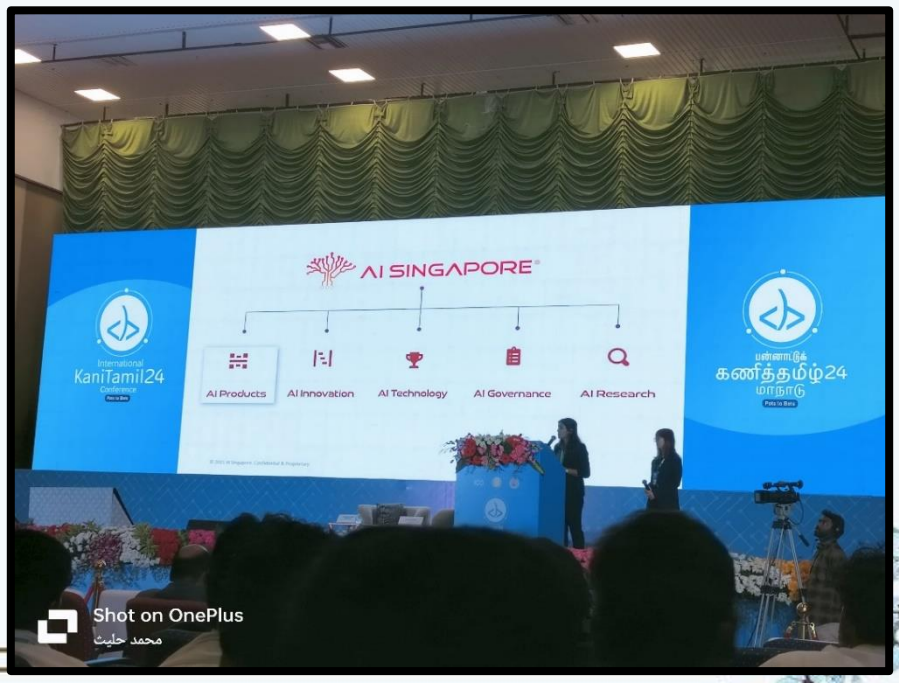
GALLERY



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STUDENT PARTICIPATION

Archana, III year student,Department of Computer Science and Engineering, has completed the one day "**AI Tool" Workshop,** organized by **be10X** conducted on **28th January 2024**.

STUDENT PARTICIPATION

CERTIFICATE
OF COMPLETION

Altair® Inspire Mold

Yuvaraj Arulraj

This certificate confirms the successful completion of the course

Inspire for Molding v2022.1

February 10, 2024

Mr. Yuvaraj A , III Year Mechanical Engineering, has participated and successfully completed the course titled **"Inspire for Molding v2022.1"** conducted by Altair on 10th February , 2024.

STUDENT PARTICIPATION

Mr. Kalaiselvan R , III Yr Mechanical Engineering , has participated and successfully completed the course titled **"Inspire for Casting v2022"** conducted by Altair on 9th February , 2024.

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PROJECT REVIEW MEETING

The Department of Electronics and Communication Engineering has conducted a project review meeting – II for final year students in the presence of Dr. N.V.S. Sree Rathna Lakshmi, Professor and Head, along with the review panel members on 12.02.24. Discussed the second phase of the student projects.

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NAAN MUDHALVAN TRAINING

III Year Students, Department of Civil Engineering have attended the first day of Naan Mudhalvan training on **Artifical Intelligence and Machine Learning** under the supervision of Mr. S.Venkateswaran, Assistant Professor on 12th February 2024.

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NAAN MUDHALVAN TRAINING

The third-year students of Artificial Intelligence and Data Science attended the "**NAAN MUDHALVAN - PROMPT ENGINEERING**" on February 12th, 2024 from 9.00 to 4.00.

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NAAN MUDHALVAN TRAINING

III year students from the Department of Mechanical Engineering have attended the Naan Mudhalvan course titled **"ARTIFICIAL INTELLIGENCE & MACHINE LEARNING"** on 12th February , 2024.

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DEPARTMENT MEETING

Dr. Sureka N, Head, Department of Biomedical Engineering, had a department meeting with all the department faculty members, regarding NBA compliance, Syllabus framing and many other department activities on 12th February, 2024.

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DEPARTMENT MEETING

Mrs. R. Beaula Jasmine, Head, Department of Civil Engineering, conducted the department meeting on February 12, 2024. Autonomy readiness, syllabus completion for III year, department board of studies member nomination, course file preparation, preparation for the second year lab exam, funding proposals, publications, Pride activity, admission, and ERP are the key points discussed in the meeting.

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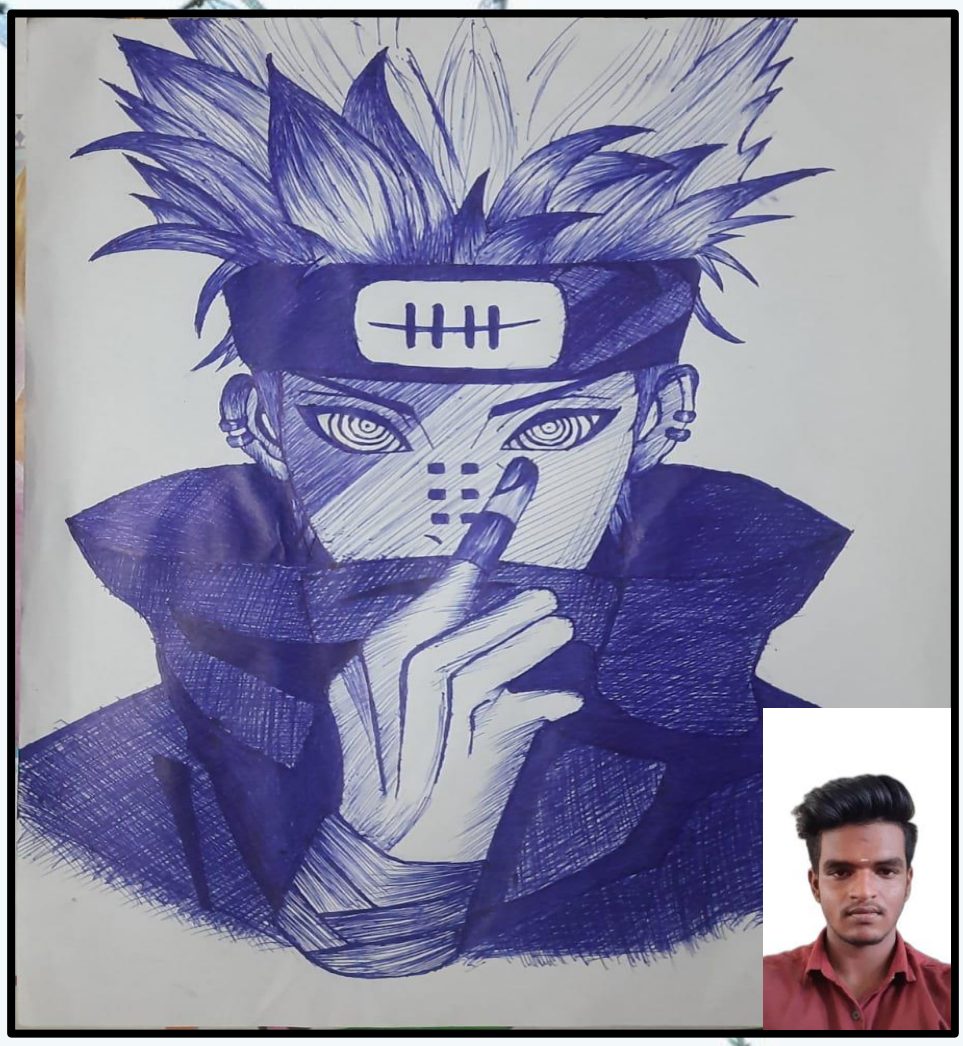
STUDENT REPOSITORY



Santhosh M.R. II year, Department of Computer Science and Engineering has drawn a Naruto Anime Character “Pain".