



2021-2022

HISTORIA

Version - 19



Words from the Editor in Chief

“The Key to success is to focus on Goals, Not Obstacles”

Hearty Greetings! I feel highly dignified with my supremacy over this department of IT. It has always been a new venture at every juncture. I fulfil my duty in accordance. Our department proudly steps into advancing in learning, teaching and progression. Also, I’ m hoping to accomplish innovative things in the upcoming year that will bring us together to build a new innovative grass root movement in our department. I endorse my students for their excellence in the platform that we contrived for them.

Besides education, we are navigating our students to participate in Co-Curricular and Extracurricular activities. Also, we are encouraging our students to bring out the best in them. Besides placement training classes, we are moulding the students of the Second and Third year by conducting Communication and Technical Sessions handled by students of our department. Also, I want to convey my appreciation to the students who got placed in various production companies and BPOs. Also, we are sprucing up Industrial visits to the students to make them realize the significance of practical knowledge.

My challenge was to get my department on board with this external invasion. I am grateful to all the pupils and faculty who allowed me to relish my duty and leadership. I am pleased that our department is notable for its Academics and Innovation. The student should realize that it does not matter what they know, but what they do with that matters a lot. Go, Run, Cherish and pursue what you want.





VISION OF THE DEPARTMENT

To develop IT Professionals of the best caliber with Entrepreneurship Zeal.

MISSION OF THE DEPARTMENT

- To establish a best Learning Environment that helps the Students to face the Challenges of IT field.
- To enable the Students to develop Skills for solving Technical Problems and also endorse Collaborative and Multidisciplinary activities.
- To induce Entrepreneurial mindset amongst Students and develop the necessary Skills to meet the Entrepreneurial needs of the Society.

PROGRAM EDUCATIONAL OBJECTIVES(PEOs)

- **PEO1:** Graduates of the program will be proficient in identifying, formulating and solving complex problems by applying their knowledge of mathematics, science and information technology principles.
- **PEO2:** Graduates of the program will be capable of analyzing, designing, implementing and managing software projects through continuous learning and use modern tools to meet real world constraints.
- **PEO3:** Graduates of the program exhibits professionalism with ethical attitude, excellent communication and term spirit to Satisfy society needs.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- **PSO1:** Able to design and develop software solutions by employing appropriate problem-solving strategies, including Logically thinking, create a user interface, write code to connect a front-end user interface with a backend database using a contemporary object-oriented language.
- **PSO2:** Ability to design and develop mobile applications and Web based applications with testing skills which consequently leads to employability and entrepreneurship skills.
- **PSO3:** To increase the visibility of academic programs at all levels and fascinate talent to meet entrepreneurship skills.

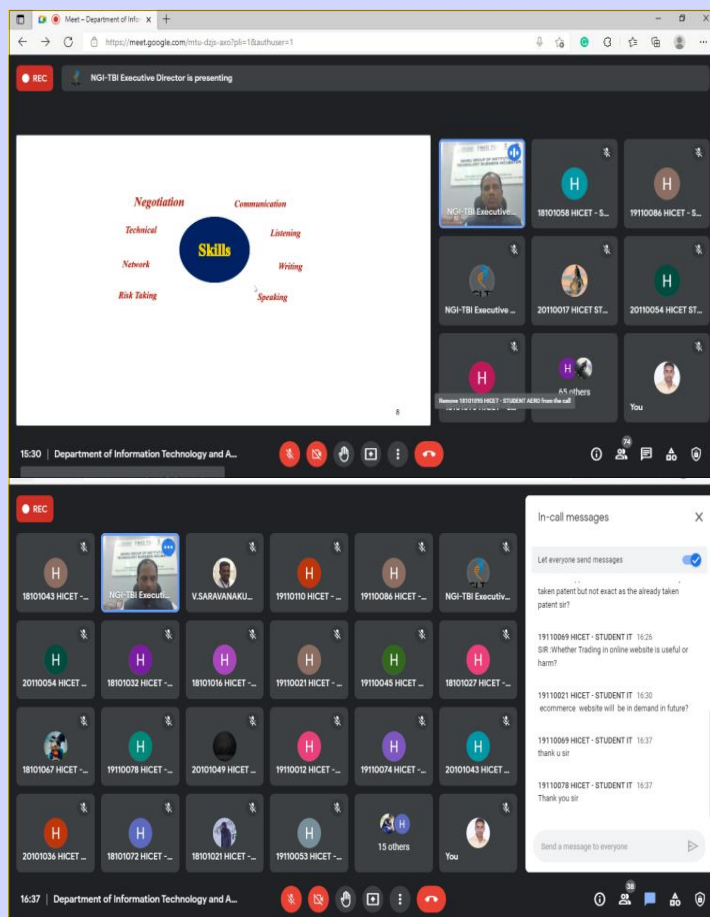




TECHNICAL PROGRAMMES

1. IIC driven workshop on “Accelerate your ideas with startup”

An IIC driven workshop on “Accelerate your ideas with startup” was conducted on 4th October 2021 in association with Entrepreneurship Development Cell organized by Mr.J.Antony Vijay, Assistant Professor, Department of Information Technology. It was inaugurated by Dr.Jasmine Selvakumari Jeya I - Head of the Department of Information Technology and Dr.V T Gopinathan - Head of Aeronautical Engineering. The session was handled by Dr.B.Vaikundaselvan, Executive Director, Nehru Group of Institutions, Technology Business Incubator (NGI TBI), Coimbatore. The main objective of this Webinar is to promote strong entrepreneurship among engineering students, to collaborate with other organizations and institutions and accelerate their ideas to build a startup.



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore – 641032.
www.hicet.ac.in

**Department of Information Technology
and
Department of Aeronautical Engineering**
In association with EDC
IIC driven workshop on
“Accelerate your ideas with startup”

Date : 04.10.2021 Time:3.00 pm – 4.15 pm

Resource Person

Dr.B.Vaikundaselvan, M.E., Ph.D
Executive Director
NEHRU GROUP OF INSTITUTIONS
TECHNOLOGY BUSINESS INCUBATOR (NGI TBI), Coimbatore

Coordinators: Mr.J.Antony Vijay, AP/IT; Mr. T.Arulmozhinathan, AP/AERO
Convener: Dr. J Jasmine Selvakumari Jeya HoD/IT
CEO & Principal: Dr.Karunakaran K Dr.Gopinathan V T, HoD/AERO

Registration Link
<https://forms.gle/w3ozml2e4JPEik6d6>



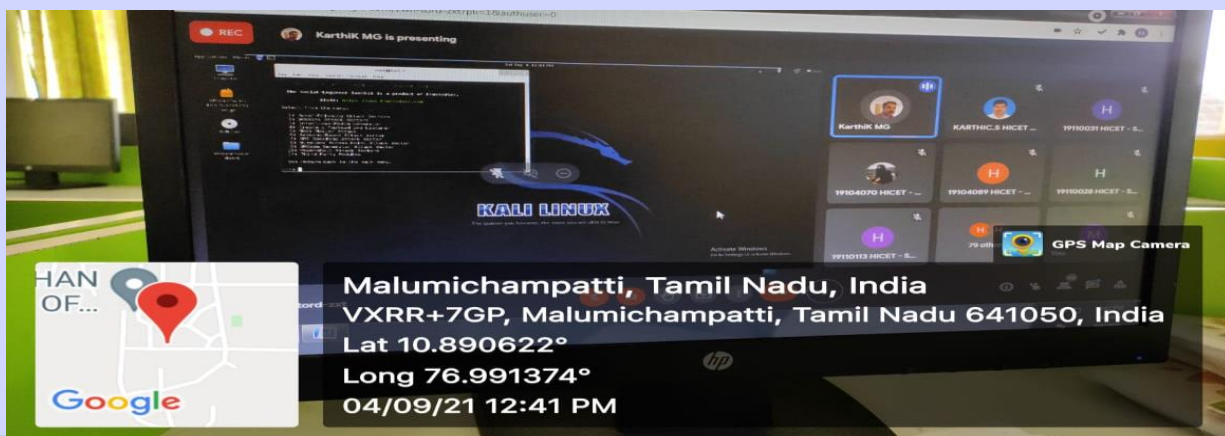
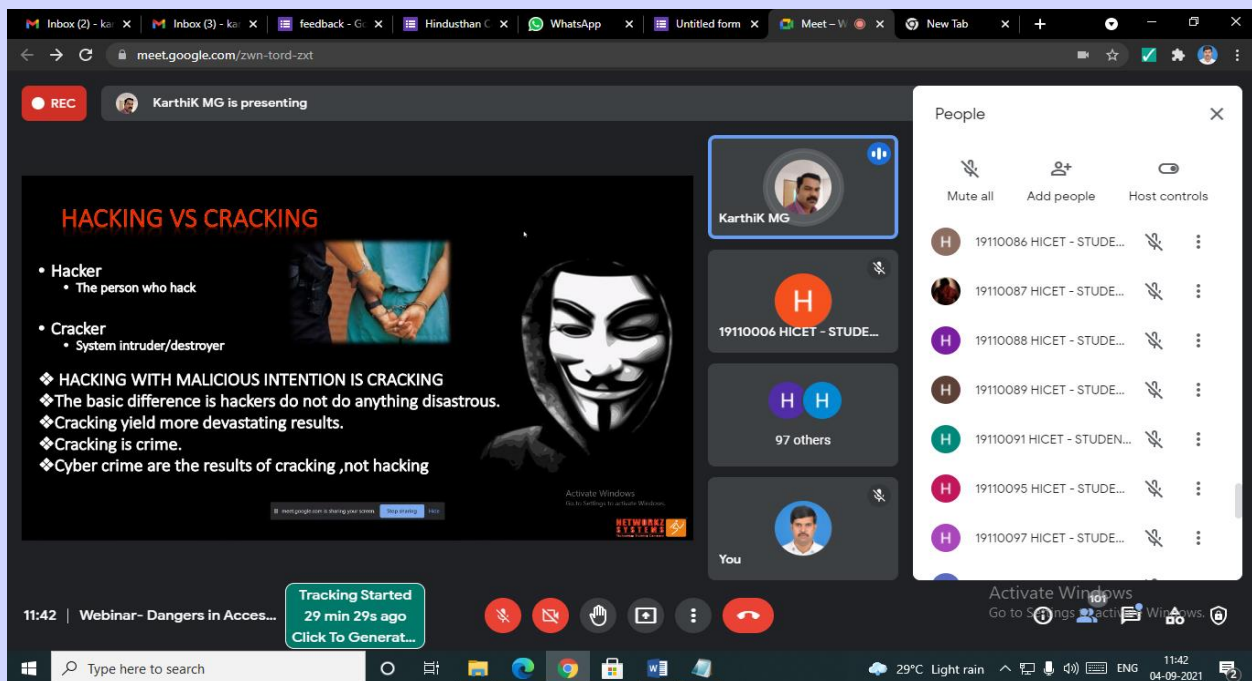


Hindusthan College of Engineering and Technology

Department of Information Technology

3.Webinar on Dangers in Accessing Untrusted Web links

A Webinar on “Webinar on Dangers in Accessing Untrusted Web links” was conducted on 4th September 2021 was organized by Mr. S. Karthic & Mr. M. Sathish Kumar, Assistant Professor, Department of Information Technology. It was inaugurated by Dr.Jasmine Selvakumari Jeya I - Head of the Department of Information Technology. The session was handled by Mr. Karthick MG, Technical Head, Networkz Systems, Kerala. The main objective of this Webinar is to Get insights about various kind of cyber-attacks, to find preventive measures to safeguard from attacks and to understand the role of network admins in industries.





4. Motivational Talk on IOT- Installing Out of Box Thinking

A Motivational Talk on “IOT- Installing Out of Box Thinking” was conducted on 21st October 2021 was organized by Mr. S. Karthic & Ms.T.Sakthishree, Assistant Professor, Department of Information Technology. It was inaugurated by Dr.Jasmine Selvakumari Jeya I - Head of the Department of Information Technology. The session was handled Dr. N. Rajesh Kumar, Motivational Speaker, Entrepreneur- Sarvm Foundation Coimbatore. The main objective of this Webinar is to Lead a peaceful life with positive mindset, to overcome the challenges of real time environment and to Balance work and personal life.



HINDUSTHAN
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Department of Information Technology
Motivational talk for 2021-2025 Batch
IT Students (First Year)
on
“IOT- Installing Out of Box Thinking”



Dr N Rajesh Kumar
Motivational speaker
Entrepreneur- Sarvm Foundation
Coimbatore

Date: 22.10.2021 Time: 10.00am

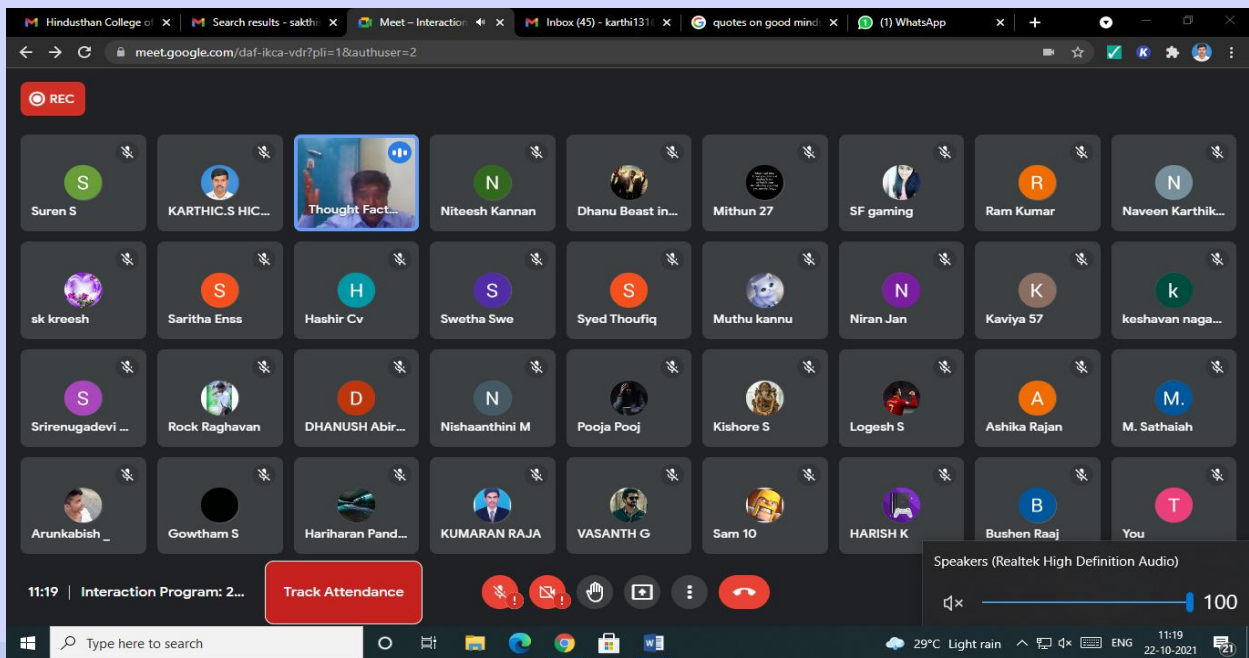
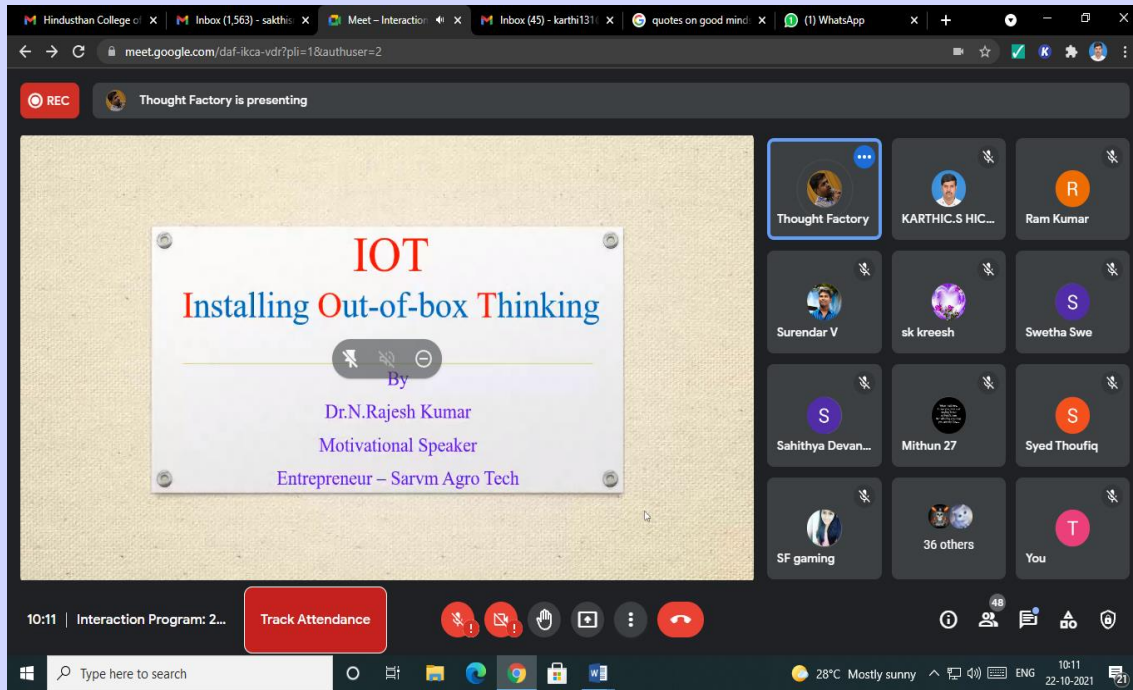
Meeting Link: <https://meet.google.com/daf-ikca-vdr>

| | | |
|-----------------------|-------------------------------|--------------------|
| Co-ordinators | Convenor | |
| Mr. Karthic.S AP/IT | Dr.I.Jasmine Selvakumari Jeya | Dr. K. Karunakaran |
| Mr.Sakthisree.T AP/IT | HoD/IT | CEO & Principal |



Hindusthan College of Engineering and Technology

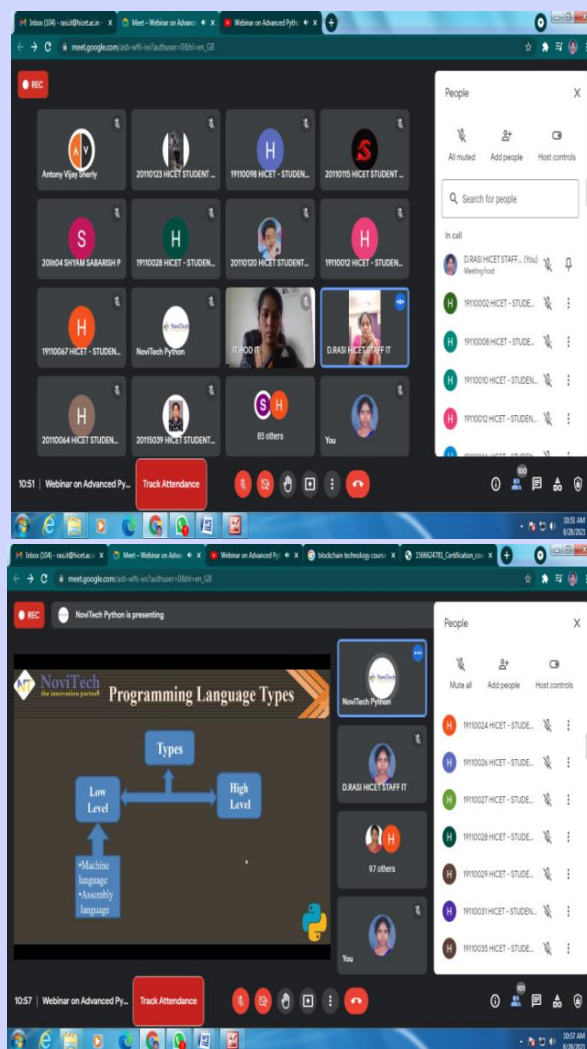
Department of Information Technology





5.Webinar on Advanced Python Programming

A Webinar on “Advanced Python Programming” was conducted on 28th August 2021 was organized by Programmers club, Department of Information Technology. It was inaugurated by Dr.Jasmine Selvakumari Jeya I - Head of the Department of Information Technology. The session was handled by Mr. Deepan S, AI Developer, NoviTech R&D Pvt Ltd, Coimbatore. The main objective of this Webinar is to Get insights about to Understand Scope and Opportunities involved behind Learning about Python and to get knowledge in Coding with Advanced Python Programming.



Hindusthan
College of Engineering and Technology
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore-32.

Department of Information Technology
Programmers Club Organizes
Webinar on
Advanced Python Programming

Mr. S. DEEPAN
AI Developer
NoviTech R&D Pvt Ltd,
Coimbatore

Convenor
Dr.K.Karunakaran

Member Secretary
Dr.I.Jasmine Selvakumari Jeya
ASP & HOD/IT

Co-ordinators
Programmers Club Members

Saturday 28 August @ 10:30 AM
Video call link: <https://meet.google.com/asb-wfti-ivs>



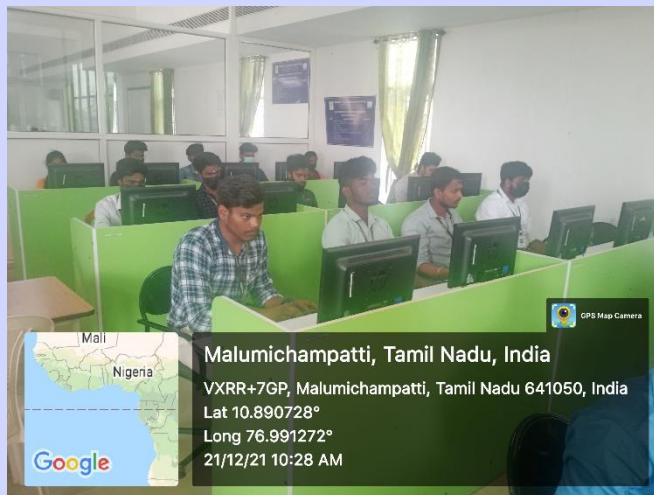


Hindusthan College of Engineering and Technology

Department of Information Technology

6. Intra Department Programming Contest in Terv Platform

The Department of Information Technology of Hindusthan College of Engineering and Technology, Coimbatore and Programming Club, will organize an Intra Department Programming Contest Programme on 06-12-2021. The contest aims at involving young students in their quest of innovation in IT and provides them an opportunity to demonstrate their innovation in their profession in Terv platform and to improve their mental strength by providing some useful tips in Programming Knowledge.



Hindusthan
College of Engineering and Technology
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Valley Campus, Pollachi Highway, Coimbatore-641032

Department of Information Technology
& Programming club organizes
Intra Department Programming Contest
Resource Person

Anto Ajith
Chief Operating Officer
Top Freshers Technologies pvt-ltd
terv Platform

Convenor: Dr. I. Jasmine Selvakumari Jeya (HOD/IT)
Principal: Dr. J. Jaya
CEO: Dr. K. Karunakaran

Co-ordinator: Dr. D. Rasi, ASP/IT

Date: 06/12/2021
Time: 09:30am to 12:00pm
Venue: IT Lab



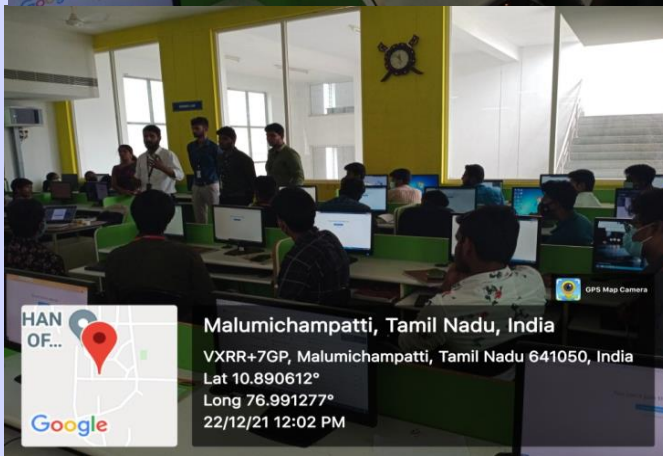


Hindusthan College of Engineering and Technology

Department of Information Technology

7. One Day Hands on Workshop on A Complete Roadmap to prepare for Placement

A One Day Hands on Workshop on “A Complete Roadmap to prepare for Placement” was conducted on 22nd December 2021 was organized by Programmers club, Department of Information Technology. It was inaugurated by Dr.Jasmine Selvakumari Jeya I - Head of the Department of Information Technology. The session was handled by Mr.Sairam Vasudevan- Chief Training Officer, Mr. Siva Prakash K.D & Karthick. R-Senior Trainer, NoviTech R&D Pvt Ltd, Coimbatore. The main objective of this Webinar is to Get insights about to Understand Scope and Opportunities involved behind Learning about Python and to improve their mental strength by providing some useful tips for Placement Interviews.



Hindusthan **terv**
College of Engineering and Technology
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore-641032

Department of Information Technology
& Programming club organizes

One day Hands on Workshop on
"A Complete Roadmap to Prepare for Placement"

Sairam Vasudevan
Chief Training Officer

Siva Prakash K.D
Karthick R
Senior Trainer

Top Freshers Technologies pvt-ltd
terv Platform

Convenor: Dr.I.Jasmine Selvakumari Jeya HOD/IT
Principal: Dr.J. Jaya
CEO: Dr.K.Karunakaran

Co-ordinators
Dr.D.Rasi, ASP/IT
Mr.C.D.Prem Kumar, AP/IT
Ms.K.Kavitha, AP/IT

Date: 22/12/2021
Time: 11:30am to 12:30pm

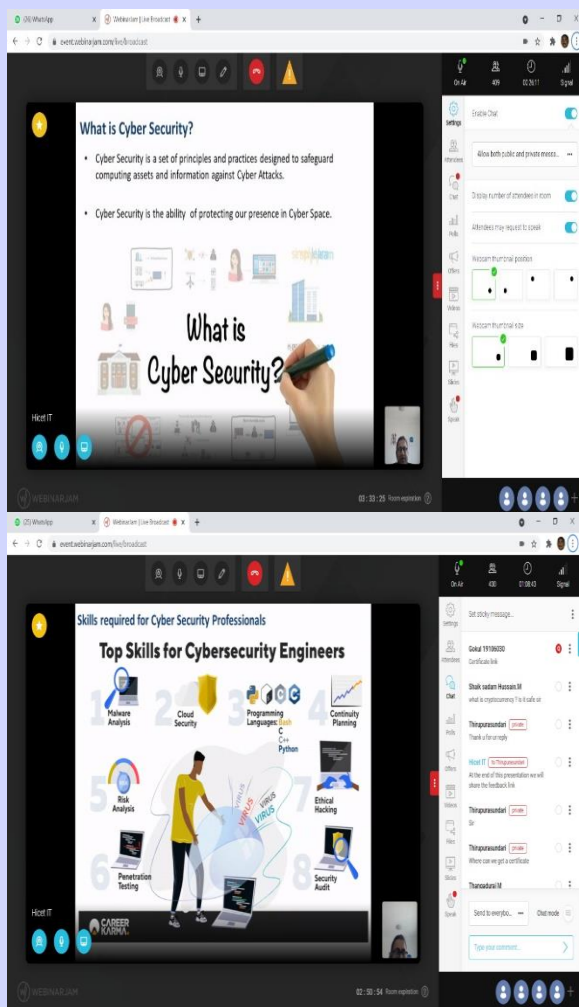
Venue: IT Lab





8.Workshop on Growing Opportunities in Cyber Security

Workshop on “Growing Opportunities in Cyber Security” was conducted on 27th August 2021. The session was inaugurated by Dr.Jasmine Selvakumari Jaya I - Head of the Department of Information Technology. Students acquired information about the various career options for the students in the field of Cyber Security. The main objective of the workshop is awareness on Cyber Attacks and importance of Cyber Security in the industry, advancement in the world of technology and IT industry.



Hindusthan
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Valley Campus, Pollachi Highway, Coimbatore-32.

Department of Information Technology
Organizing
Webinar on
“Growing Opportunities in Cyber Security”



Mr. VIMAL MANI
Head of Information Security,
Privacy & IT GRC Programs(CISO)
Bank of Sharjah

Convenor
Dr.I.Jasmine Selvakumari Jeya
HOD/IT

CEO & Principal
Dr.K.Karunakaran

Co-ordinators
Mrs.Sakthi Shree.T
Assistant Professor/IT

Mr.Antony Vijay.J
Assistant Professor/IT

Date:27-08-2021 @ 10:30 - 11:30 AM
Registration Link:<https://forms.gle/pVBfxrkJwXZTzpNm6>





9. Webinar on Games on Drones: Taking safety to newer heights in Thermal Power and Oil & Gas Projects using Intelligent flying warriors

The poster is yellow with a diamond pattern. It features the HICET logo on the top left and the Computer Society of India logo on the top right. The text is centered and reads: 'HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institution) Coimbatore - 641032. Department of Information Technology Webinar on "Game of Drones: taking safety to newer heights in Thermal Power and Oil & Gas projects using Intelligent flying warriors" Resource Person Mr. Ravichandran A S Sr DGM, HSE Dept. Bharat Heavy Electricals Ltd. PSSR YADADRI Date : 09.07.2021 Time : 10.30 AM Coordinator: Dr. R. Mahaveerakannan AP, IT / Dr. D.Rasi, ASP/IT; Convenor: Dr. I. Jasmine Selvakumari Jeya Associate Professor/HoD, IT; CEO & Principal: Dr. K. Karunakaran. The meeting link is https://meet.google.com/fjf-puyj-qqq.

Webinar on “Games on Drones: Taking safety to newer heights in Thermal Power and Oil & Gas Projects using Intelligent flying warriors” was conducted on 9th July 2021. The session was inaugurated by Dr. Jasmine Selvakumari Jaya I - Head of the Department of Information Technology. The Session was handled by Mr. Ravichandran A S, Sr. DGM, HSE Dept, Bharat Heavy Electricals Ltd. Students acquired information about the various career options for the students in the field of Internet of Things.





10. Webinar on A roadmap for placement Season

The poster is for a webinar organized by the Department of Information Technology at Hindusthan College of Engineering and Technology. It features the college's name and logo at the top, followed by the department name and its association with the Institute of Engineers (India) Student Chapter. The webinar title is "A Roadmap for Placement Season". The resource person is Mr. Ashwin G, a Software Engineer Associate at Hexaware Technologies and an HICET Alumnus from the 2017-21 batch. A photo of Mr. Ashwin G is included. The co-ordinators are Mr. Ilayaraja N, Mr. Premkumar CD, and Ms. Uma J, all Asst. Prof's in the Dept of IT. The convenor is Dr. L. Jasmine Selvakumari Jeya, HOD/IT. The patrons are Dr. J. Jaya, Principal, and Dr. K. Karunakaran, CEO. The webinar is scheduled for 18th December 2021 at 11.30 A.M. The meeting link is provided as <https://meet.google.com/xrw-xjrg-thp>.

Webinar on “A Roadmap for Placement Season” was conducted on 18th December 2021. The session was inaugurated by Dr. Jasmine Selvakumari Jaya I - Head of the Department of Information Technology. The Session was handled by Mr. Ashwin G, Software Engineer Associate, Hexaware Technologies. Students acquired information about the various career options for the students in the field of Internet of Things.

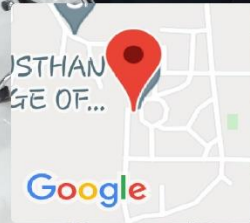
11. Lecture on Major Cloud Solutions providers according to Gartner Reports

Glimpse of Academic Lecture on “Major Cloud Solutions providers according to Gartner Reports” Organized by Department of Information Technology association with Career Zone Consulting Pvt Ltd Coimbatore and Warsaw University of Technology, Poland. The Session was handled by Ms. Weronika Jakubowska, Head of international Office Warsaw, School of Computer Science, Poland, Dr. Tomasz Siemek, President of Cloud Team & Professor of computer science and IT, Warsaw University of Technology, Poland.



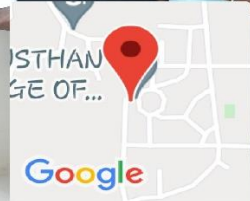
Hindusthan College of Engineering and Technology

Department of Information Technology



Malumichampatti, Tamil Nadu, India

Hindusthan College Of Engineering And Technology Main Building,
Ottakkalmandapam Rd, Malumichampatti, Tamil Nadu 641050, India
Lat 10.891475°
Long 76.990701°
02/12/21 11:08 AM



Malumichampatti, Tamil Nadu, India

Hindusthan College Of Engineering And Technology Main Building,
Ottakkalmandapam Rd, Malumichampatti, Tamil Nadu 641050, India
Lat 10.891471°
Long 76.990699°
02/12/21 11:33 AM



MEMORANDUM OF UNDERSTANDING

1. Memorandum of Understanding with NoviTech R&D Pvt Ltd

Memorandum of Understanding Between Department of Information Technology and NoviTech R&D Pvt Ltd was happened on 30th September 2021. Mr.A. Vinoth Kumar Managing Director and Mr.M.senthil Murugan, Business Development Manager represented from NoviTech R&D Pvt Ltd The Objectives of MoU are to provide students with Training & Certification on– Recent at Technologies at a subsidized cost and organizing the workshops and seminars and providing value-added training to all the students.



2. Memorandum of Understanding with Pupilst First Private Limited





Memorandum of Understanding Between Department of Information Technology and Pupilfirst Private Limited, For Leadership in Teaching Excellence – AICTE was happened on 30th September On 11.08.2021.

AICTE's Leadership in Teaching Excellence (LITE) is a national programme to select and equip 50 colleges and 50 schools with leadership in teaching excellence. AICTE in partnership with Pupil first, founding member of National Educational Alliance for Technology (NEAT) programme of the Ministry of Education is implementing LITE.

AICTE and Industry led specialized leadership training for teachers from computer science and allied departments, to teach a minor degree programme in Web Development and skill their students using learner centered pedagogy, competency-based curriculum and continuous assessments and professional development of faculty.

Course objective

The objective of this programme is to teach students how to build web applications, with focus on industry-practices like functional programming, object-oriented design, programming style guides, security, and version control.

Course Content

The Minor degree programme or Open Elective/Professional is divided into four courses:

1. Web Development 101 - Getting started with JavaScript
2. Web Development 201 - Server-side programming with Node.js
3. Web Development 301 - Front-end development with React & Type Script
4. Web Development 401 - Getting ready for production

Course Outcome

By the end of the course, the students will be able to:

Build web applications using Express.js

Manipulate data using both imperative and functional programming techniques.

Model real-world systems using object-oriented design

Write HTML & CSS to create elegant web pages using React Framework.

Build database applications using sequelize.

Trained Staffs



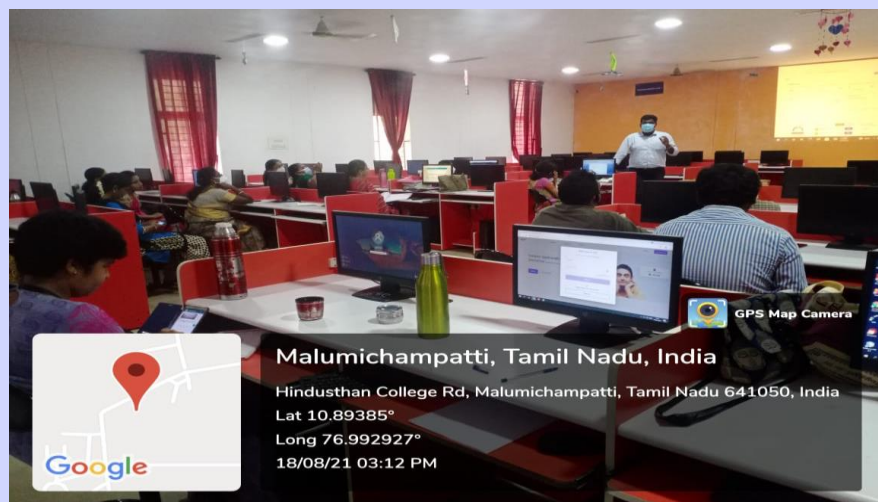


Hindusthan College of Engineering and Technology

Department of Information Technology

Two of our faculty members have undergone training under AICTE's NEAT Scheme. In that Ms. Anitha P AP / IT has completed the course and Ms Yamuna N AP / IT has undergone training.

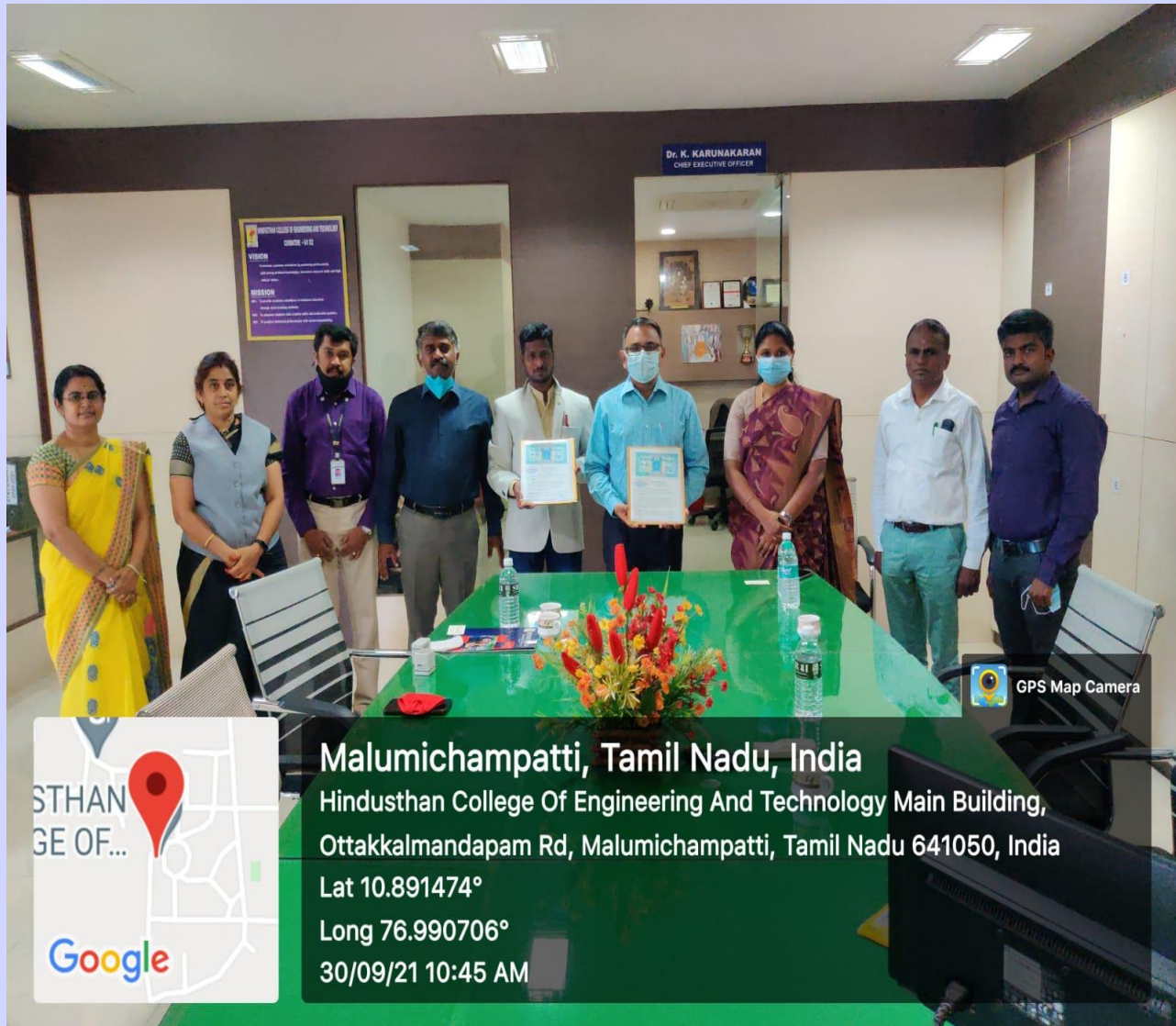
3. Memorandum of Understanding with Top Freshers Technologies Private Limited



Memorandum of Understanding Between Department of Information Technology and NoviTech R&D Pvt Ltd was happened on 18th August 2021.



4. Memorandum of Understanding with VEI Technologies Pvt Ltd, Coimbatore



Memorandum of Understanding Between Department of Information Technology and VEI Technologies Pvt Ltd, Coimbatore was happened on 30.09.2021.

**PAPER PUBLICATIONS BY FACULTY MEMBERS**

| S.No | Name of the Author | Title of the paper | Name of the Journal, Volume No, Issue No, Page No, Month and Year |
|------|--------------------|---|--|
| 1 | M Indirani | Text with Image Editing Using Steganography | Design Engineering, Issue:8, Pages: 8618-8625, ISSN: 0011-9342, Year 2021, |
| 2 | Dr.D. Rasi | Energy optimization of internet of things in wireless sensor network models using type-2 fuzzy neural systems | International Journal of Communication Systems, Volume:34, Issue:17, ISSN:1074-5351, 2021 |
| 3 | B. Gomathi | Monarch Butterfly Optimization for Reliable Scheduling in Cloud | Computers, Materials and Continua, 1546-2218, 3693-3710, Vol.69, No.3, 2021 |
| 4 | N. Rajkumar | Lung Cancer Prediction Using Stochastic Diffusion Search (SDS) Based Feature Selection and Machine Learning Methods | Shanthi, S., Rajkumar, N. Lung Cancer Prediction Using Stochastic Diffusion Search (SDS) Based Feature Selection and Machine Learning Methods. Neural Process Lett 53, 2617–2630 (2021). https://doi.org/10.1007/s11063-020-10192-0 |
| 5 | R. Mahaveerakannan | Improved Density-Based Learning to Cluster for User Web Log in Data Mining | Inventive Computation and Information Technologies. Lecture Notes in Networks and Systems, vol 173. Springer, Singapore. https://doi.org/10.1007/978-981-33-4305-4_59 |
| 6. | R.Amudha | All in one secure E-commerce website | International journal of advanced research in computer and communication Engineering, ISSN (Online) 2278-1021, ISSN (Print) 2319-5940, Vol. 10, Issue 5, May 2021. |
| 7. | S.Karthic | A Hybrid SVM-LDA based Heuristic Method for Dimensionality Reduction in Cancer Detection using Genetic Algorithms | Annals of The Romanian Society for Cell Biology, ISSN: 1583-6258, Volume 25: Issue 4, 4410–4419 |
| 8. | N Rajkumar | Topic detection using multiple semantic spider hunting algorithm | Advances in Parallel Computing, Volume:38, Pages: 390-395,2021. |



| | | | |
|-----|---------------|--|---|
| 9. | Mr.M. Ganesan | Accurate Retrieval of High Utility Item Sets from The Transactional Database to Support Service Oriented Computing | Turkish Online Journal of Qualitative Inquiry (TOJQI), Vol. 12 No. 3 (2021). |
| 10. | M. Ganesan | High utility fuzzy product mining (HUFPM) using investigation of HUWAS approach | Journal of Ambient Intelligence and Humanized Computing 13, ISSN: 1868-5145, 3271–3281,2021 |

BOOK PUBLICATION BY FACULTY MEMBERS

| S.No | Name of the Authors | Title of the Book | Published By | ISBN Number | Year of Publication |
|------|----------------------------------|---|------------------------------|--------------------|---------------------|
| 1 | Dr Rasi D, Indirani M, Karthic S | Data structures and algorithm design | Shanlax Publications | 978-93--93737-00-7 | 2021 |
| 2 | Jasmine Selvakumari Jeya I | Recent Developments in Medicine and Medical Research | Book Publisher International | 978-93-5547-164-2 | 2021 |
| 3 | Uma J, Mahaveerakannan R | A Heuristic Algorithm for Deadline-Based Resource Allocation in Cloud Using Modified Fish Swarm Algorithm | Springer | 978-981-33-4304-7 | 2021 |

INTERNATIONAL / NATIONAL CONFERENCES

| Sno | Name of the Authors | Name of the Conference, Venue and Date | Title of the paper |
|-----|--|--|--|
| 1 | Kavitha K, Anitha P, Mahaveerakannan R | Annals of R.S.C.B., ISSN:1583-6258, Vol. 25, Issue 5, 2021, Pages. 3887 - 3896 | A Review: Smart Farming Using IoT in the Area of Crop Monitoring |

**PATENTS FILED/PUBLISHED/GRANTED BY FACULTY MEMBERS**

| S.No | Name of the Authors | Title of Invention | Application No | Status | Date of Published/ Filed |
|------|---|---|----------------|-----------|--------------------------|
| 1 | Dr I Jasmine Selvakumari Jeya | An IOT based self phased analysis of adverse effects in covid recovered patients | 2021101599 | Granted | 05-05-2021 |
| 2 | Dr Mahaveerakannan, Dr I Jasmine Selvakumari Jeya | Machine learning based vehicle accident prediction model in rainfall environment | 202141040630 | Published | 24-09-2021 |
| 3 | P.Anitha | Novel method for safeguarding personal health record in cloud connection | 202141042295 | Published | 18-09-2021 |
| 4 | Mr.N.Ilayaraja | Mechanical movement based extra lower door step in bus for easy access designed for elderly people | 202141045081 | Published | 05-10-2021 |
| 5 | M. Sathish Kumar, P.Kaviya Priya, T.Sakthi Sree | Artificial intelligence based construction of mechanically developed machine motion prediction system to reduce hazards | 202141024097 | Published | 11-06-2021 |



NPTEL CERTIFIED FACULTIES



Mr.N.Ilayaraja
Assistant Professor
Programming in C++
Jul-Sep 2021



Mrs.R.Amutha
Assistant Professor
Demystifying Networking
Jul-Aug 2021



Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
ILAYARAJA N
for successfully completing the course
Programming in C++
with a consolidated score of **65** %

| | | | | | |
|--------------------|----------|------------------|---------|----------------|-------|
| Online Assignments | 23.38/25 | Programming Exam | 21.5/25 | Proctored Exam | 20/50 |
|--------------------|----------|------------------|---------|----------------|-------|

Total number of candidates certified in this course: 336

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21CS55523314509

To validate and check scores: <https://npTEL.ac.in/moc>





PARTICIPATION IN INTER-INSTITUTE EVENT-STUDENT

| S. No | Class/Sem | Name of the Student | Name of the Event | Name of the programme and Venue | Date | Prize |
|-------|-----------|---------------------|---|---|---|--------------|
| 1 | II /III | A.K.Abiraj | Implementation of Android Mobile Application | P.A.College of Engineering and Technology (E-Conference) | 5 th Oct to 7 th Oct | Participated |
| 2 | II /III | Diwakar | | | | |
| 3 | II /III | GriPrasath | | | | |
| 4 | IV/ VII | N.Cylvia Maybell | | | | |
| 5 | IV/ VII | R.Harshinni | | | | |
| 6 | IV/ VII | S.Kayathri | | | | |
| 7 | IV/ VII | K.Priyadharshini | | | | |
| 8 | IV/ VII | K.R.Nivedhitha | | | | |
| 9 | IV/ VII | P.Riyagencika | | | | |
| 10 | IV/ VII | M.Shelvasundari | | | | |
| 11 | III / V | C.Varsha | A Study of Mobile Applications for Fitness and Yoga Poses | P.A.College of Engineering and Technology (E-Conference) | 5 th Oct to 7 th Oct | Participated |
| 12 | IV/ VIII | J.Jai Irin Mystica | Image Encryption Using Cellular Automata | IES College of Technology | 12 th Feb to 15 th 2022 | Participated |
| 13 | IV/ VIII | G.Aishwarya | | | | |
| 14 | IV/ VIII | R.Akash | Lose It!- A Fitness Companion | Sai Ram Institute of Technology | 10 th March 2022 | Participated |
| 15 | IV/ VIII | S.Bharathi kannan | | | | |
| 16 | IV/ VIII | T.S.Chandrasekar | | | | |
| 17 | IV/ VIII | M.Divagar | | | | |
| 18 | III / V A | k.karan | OBSI-RECITE | SRM Valliammai Engineering College | 8 th Aug 2021 | Second |



| | | | | | | |
|----|------------|--------------|------------------------|---|--|--------------|
| 19 | II / III B | M.Sathish | Debugging | Rathinam Technical Campus | 15 th Sep 2021 | Winner |
| 20 | II / III B | M.Sathish | SQL-s-CAPE | SRM Valliammai Engineering College | 31 st Oct 2021 | Participated |
| 21 | II / III B | M.Sathish | Coding and Decoding | SRM Valliammai Engineering College | 26 th Feb 2022 | Participated |
| 22 | II / IV B | Yogalakshmi | Paper Presentation | P.A.College of Engineering and Technology | 24 th May 2022 | Second |
| 23 | II / IV B | R.Vaishniya | | | | |
| 24 | III / VI A | Abdul Kareem | Project Competition | Sarvajanik College of Engineering and Technology | 28 th , 29 th Jan 2022 | Second |
| 25 | III / VI A | Avinesh | | | | |

LIST OF STUDENTS WHO UNDERGONE IMPLANT/INTERNSHIP TRAINING

| S.No | Name | Name of Organization | Trained on | Period |
|------|----------------------|----------------------|--------------------------|----------|
| 1 | Riyasvel K T | Webgapp Solutions | 27.12.2021 to 07.01.2022 | 10 Days |
| 2 | Saravana Kumar.R | | | |
| 3 | Sathappan L | | | |
| 4 | Dheiva Brathyangra R | Winzone Softech | 01-12-2021 to 31-01-2022 | 2 months |
| 5 | Angel Jeba R | Spiro Solution | 27-12-2021 to 31-12-2021 | 4 days |



WORKSHOPS ATTENDED BY STUDENTS

| S.No. | Class/Sem | Name of the Student | Name of the Workshop | Venue (Online Mode) | Date |
|-------|-----------|---------------------|---|------------------------------------|--------------------------|
| 1. | III / V | J.Abdul Kareem | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 2. | III / V | S.Avinesh | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 3. | III / V | T.Chandru | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 4. | III / V | S.Flashma | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 5. | III / V | K.Lakshaya | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 6. | III / V | V.Sandeepkumar | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 7. | III / V | T.Parnesh | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 8. | III / V | S.Vignesh | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 9. | III / V | B.Sarath kumar | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 10. | III / V | S.Vignesh | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 11. | II / III | T.Suriya | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 12. | II / III | S.Sivasundaresan | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 13. | II / III | T.Seenivasan | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 14. | II / III | Stegin rajeev | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 15. | II / III | K.Santhosh kumar | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |
| 16. | II / III | S.Ganeshmoorthi | Covid-19 in Children:Where Do We Stand? | Hindusthan Institute of Technology | 2 nd Dec 2021 |



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|-----|----------|------------------|---|--|---|
| 17. | II / III | C.Babiyonclement | Covid-19 in Children:Where Do We Stand? | Hindushan Institute of Technology | 2 nd Dec 2021 |
| 18. | II / III | S.Benanosam | Covid-19 in Children:Where Do We Stand? | Hindushan Institute of Technology | 2 nd Dec 2021 |
| 19. | II / III | R.Gokul | Covid-19 in Children:Where Do We Stand? | Hindushan Institute of Technology | 2 nd Dec 2021 |
| 20. | II / III | R.Jeeva | Covid-19 in Children:Where Do We Stand? | Hindushan Institute of Technology | 2 nd Dec 2021 |
| 21. | II / III | M. Sathish | Growing opportunities in Cyber Security (Online mode) | Hindusthan College of Engineering and Technology | 27 th August 2021 |
| 22. | II / III | V.Yogalakshmi | Growing opportunities in Cyber Security (Online mode) | Hindusthan College of Engineering and Technology | 27 th August 2021 |
| 23. | II / III | M. Sathish | Soft skills & Personality Development (online mode) | Hindusthan College of Engineering and Technology | 9 th Sep 2021 |
| 24. | II / III | M. Sathish | Emerging Business opportunities (online mode) | Hindusthan College of Engineering and Technology | 23 rd August 2021 |
| 25. | II / III | V.Yogalakshmi | Advanced Python Programming (online mode) | Hindusthan College of Engineering and Technology | 28 th August 2021 |
| 26. | II / III | M. Sathish | Advanced Python Programming (online mode) | Hindusthan College of Engineering and Technology | 28 th August 2021 |
| 27. | II / III | V.Yogalakshmi | Data Models Revisit: Improving the Quality of Data Base Research with ORA Semantics in ER Model (online mode) | Hindusthan College of Engineering and Technology | 23 rd August 2021 |
| 28. | II / III | G. Saravana Raja | Training on Python | MSME-Technology Development Centre (PPDC) | 21 st Oct to 20 th Nov 2021 |

PARTICIPATION OF FACULTY IN WORKSHOPS/FDP/SEMINAR/STTPs

| S.NO | NAME OF THE FACULTY | Event | TITLE | HELD ON |
|------|-------------------------------|------------|---|--------------------------|
| 1. | Dr.I.Jasmine Selvakumari Jeya | Webinar | Quality Sustenance through online mode of Education | 05.06.2021-06.06.2021 |
| 2. | | Seminar | Integrated Planning for NIRF Ranking & Best Practices in Engineering College | 06.07.2021 - 13.07.2021 |
| 3. | | Conference | Automated Security System for Fire Accidents Using IOT Technology with Water Sprinkler | 05.10.2021-07.10.2021 |
| 4. | | Webinar | Quality Sustenance through online mode of Education | 09.12.2021-11.12.2021 |
| 5. | | FDP | Cyber Security | 16.12.2021-21.12.2021 |
| 6. | | Aicte-STTP | Demystifying Blockchain Technology & Cyber Security Threats: Issues and Challenges | 14.09.2021-20.09.2021 |
| 7. | | Webinar | CO Attainment Evaluation | 10.08.2021 |
| 8. | Dr Rasi D | FDP | Natural Language Processing And its Applications – A Hands on Approach | 22.11.2021 to 24.11.2021 |
| 9. | | FDP | Anna Univ. Sponsored FDP CS8691/Artificial Intelligence | 20.12.2021 - 27.12.2021 |
| 10. | | FDP | Anna Univ. Sponsored FDP CS8691/Artificial Intelligence | 06.07.2021 - 13.07.2021 |
| 11. | | FDP | National Intellectual Property Literacy under Kalam Program for IP Literacy and Awareness | 18.12.2021 - 24.12.2021 |
| 12. | | Workshop | Intellectual Properties Right (IPR) Emphasis on Patents, Trademarks & Copyrights | 21.12.2021 - 27.12.2021 |
| 13. | Dr Gomathi B | Workshop | Zero Coding: Data Analytics & Machine Learning for IoT Automation | 21.06.2021 - 25.06.2021 |



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|-----|------------------|------------|---|-------------------------|
| 14. | | Workshop | Machine learning - Deep Learning: A journey for remote sensing data classification | 05.07.2021 - 09.07.2021 |
| 15. | | FDP | AICTE ATAL FDP on Internet of Things (IOT) with Artificial Intelligence (AI) | 12.7.2021 - 16.7.2021 |
| 16. | | Workshop | AICTE-ISTE orientation programme on Artificial Intelligence in Cooperative Noma (5G) Network | 21.12.2021 - 27.12.2021 |
| 17. | Mr Ganesan M | Workshop | Recent Trends in Software Testing | 12-06-2021 - 16-06-2021 |
| 18. | Ms.M.Indirani | STTP | STTP on Embedded System Design | 14.06.2021 - 19.06.2021 |
| 19. | | FDP | Two Week FDP on Digital Transformation in Health Care | 2.8.21- 16.8.21 |
| 20. | | Conference | International e-Conference ICCORSE | 7.10.21 and 8.10.21 |
| 21. | | FDP | AICTE- ISTE FDP on Recent Trends in Wireless Communication and IoT | 8.12.21- 4.12.21 |
| 22. | | Webinar | Importance of Academic Identity and Faculty Profile System (ORCID, VIDWAN, IRINS) | 02-10-2021 |
| 23. | Ms Revathi P | FDP | FDP on “IoT and Applications in 5 G” | 5.01.2021- 9.01.2021 |
| 24. | | FDP | FDP on “Recent Trends in wireless communication and 5G Technology” | 24.05.2021 - 28.05.2021 |
| 25. | Ms Yamuna N | FDP | ATAL Online FDP-Data Science | 28.07.2021 - 01.06.2021 |
| 26. | | STTP | AICTE Sponsored Online Short-Term Training Program on “Moral, Values, Attitude and Behaviour Sciences | 08.03.2021 - 13.03.2021 |
| 27. | Mr.C.D.Premkumar | Workshop | Robust AI: Building through data exploration, pre-processing and representation | 04.02.2022 - 08.02.2022 |
| 28. | Ms Anitha P | Workshop | Train the Trainer Program on Java Programming | 16.06.2021 – 18.06.2021 |

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|-----|----------------|----------|---|-------------------------|
| 29. | | Workshop | Zero coding: Data Analytics and Machine Learning for IOT Automation | 21.6.2021 - 25.6.2021 |
| 30. | | FDP | AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Kotlin: The next frontier in Meta programming" | 5.7.2021- 09.7.2021 |
| 31. | | FDP | FDP on National Language Processing and its application | 22.11.2021- 24.11.2021 |
| 32. | | Webinar | Zoho - Rural Youth Program on "How to face Zoho Interview" | 22.12.2021- 24.12.2021 |
| 33. | Ms Kavitha K | FDP | ATAL FDP on Artificial Intelligence and Machine Learning for Healthcare | 13.12.2021- 17.12.2021 |
| 34. | | FDP | ATAL FDP on Kotlin: The next frontier in Metaprogramming | 05.07.2021- 09.07.2021 |
| 35. | | FDP | 6 days FDP on CS8691- Artificial Intelligence Sponsored by Anna University Chennai | 20.12.2021- 27.12.2021 |
| 36. | | Workshop | 5 days Online workshop on Zero Coding: Data Analytics and Machine Learning IoT automation | 21.06.2021- 26.06.2021 |
| 37. | Ms.J.Uma | FDP | AICTE-ISTE Sponsored refresher Programme Anaconda Data Science Techniques | 20-12-2021 - 27-12-2021 |
| 38. | | FDP | AICTE-ISTE FDP on "Recent Trends in Wireless Communication and IoT" | 8.12.2021 - 14.12.2021 |
| 39. | | STTP | AICTE Sponsored STTP on "Recent Trends and Challenges on Data Science" | 08.02.2021 - 13.02.2021 |
| 40. | Mr Karthic S | FDP | ATAL FDP on Data Science | 28.07.2021 - 01.08.2021 |
| 41. | | FDP | Anna University Sponsored FDP on Artificial Intelligence | 20.12.2021- 27.12.2021 |
| 42. | Mr Ilayaraja N | FDP | FDP on "Deep Learning" | 13.12.2021- 17.12.2021 |
| 43. | | FDP | FDP on "Data Science" | 04.10.2021 - 08.10.2021 |



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|-----|--------------------|----------|---|-------------------------|
| 44. | | FDP | FDP on "Machine Learning and its Application" | 21.06.2021-25.06.2021 |
| 45. | | STTP | STTP on "Design of Soft Computing Based Machine Learning Model". | 07.06.2021 – 12.06.2021 |
| 46. | | FDP | FDP on "Recent Trends and opportunities for Research in Electronics and Computer Science Engineering". | 24.05.2021-28.05.2021 |
| 47. | Ms Kaviyapriya P | Workshop | 5 days Online workshop on Zero Coding: Data Analytics and Machine Learning IoT automation | 21.06.2021-26.06.2021 |
| 48. | | FDP | Role of Augmented Reality (AR) & Virtual Reality (VR) in Real - Time Applications" | 07.06.2021-11.06.2021 |
| 49. | Mr Antony Vijay J | FDP | Data Science with Statistical Methods using R Programming- Basic Course | 21.06.2021-25.06.2021 |
| 50. | | FDP | Semantic Intelligence: The Way Forward with Artificial Intelligence (Part I) | 01.07.2021-05.07.2021 |
| 51. | | FDP | FDP on "Data Science and Analytics" | 16.06.2021 – 22.06.2021 |
| 52. | | FDP | ATAL FDP on "Kotlin: The next frontier in Metaprogramming | 05.07.2021 – 09.07.2021 |
| 53. | | FDP | FDP on "Advances on Artificial Intelligence and machine Learning" | 26.07.2021 – 31.07.2021 |
| 54. | Ms.Sakthi Sree T | FDP | International Level FDP on "Emerging Research Advances & Trends in Intelligent Knowledge Engineering Systems" | 30.09.2021 - 06.10.2021 |
| 55. | | FDP | Android App Development Using Java | 23.10.2021 - 01.11.2021 |
| 56. | | FDP | FDP on "Natural language processing and its application" | 22.11.2021 – 24.11.2021 |
| 57. | | STTP | STTP on Embedded System Design | 14.06.2021 - 19.06.2021 |
| 58. | Mr Sathish Kumar M | FDP | Two Week FDP on Digital Transformation in Health Care | 02.08.2021-16.08.2021 |
| 59. | | FDP | AICTE- ISTE FDP on Recent Trends in Wireless Communication and IoT | 08.12.2021-04.12.2021 |





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| 60. | | Workshop | Kotlin: The next frontier in Meta programming | 05.07.2021-09.07.2021 |
| 61. | Ms Amutha R | STTP | STTP on Embedded System Design | 14.06.2021 - 19.06.2021 |
| 62. | | FDP | Two Week FDP on Digital Transformation in Health Care | 02.08.2021-16.08.2021 |
| 63. | | FDP | AICTE- ISTE FDP on Recent Trends in Wireless Communication and IoT | 08.12.2021-04.12.2021 |
| 64. | Mr.Kathik. S | FDP | Data Science | 27.12.2021-31.12.2021 |

ICT ACADEMY LEARNATHON'22 COURSE COMPLETED DETAILS

| SI No | Class and Year | Number of students Registered | Number of students Completed |
|-------|----------------|-------------------------------|------------------------------|
| 1 | II YEAR-A | 63 | 62 |
| 2 | II YEAR-B | 70 | 67 |
| 3 | III YEAR-A | 66 | 61 |
| 4 | III YEAR-B | 65 | 62 |
| 5 | IV YEAR-A | 53 | 49 |
| 6 | IV YEAR-B | 54 | 51 |





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CGPA- 9.58



KAVIPRIYA S
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VARSHA C
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MONICA P
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SATHISH M
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