



HINDUSTHAN
COLLEGE OF
ENGINEERING AND
TECHNOLOGY,
CBE-32

E-BUZZ

An issue of ECE Department

VOLUME 10, ISSUE 1

JAN 2021

Message from Chief Editor



We the department of ECE is elated to announce that we have successfully completed the odd semester of the academic year 2020-2021 .I am delighted to voice my heartfelt thanks to the entire department for their accomplishment throughout this entire semester

We conducted many seminars, workshops and innovative programs. Everyone showed great involvement in the value added courses. Our students were benefited enormously. I personally thank the faculty members of the department and the student body for their total dedication in these events.

Thank you for the involvement.

-Dr. P. Rajeswari
[HoD - ECE]

VISION

*To nurture Electronics and Communication Professionals with exemplary technical skills adorned with ethical values.

MISSION

*To expand frontiers of knowledge through the provision of inspiring learning environment
*To develop the intellectual skills towards employability by fostering innovation, and creativity in learning .
*To provide a quality system for wholesome learning to achieve progress and prosperity in life along with moral values

OBJECTIVES AND OUTCOMES OF ECE

Program Educational Objectives (PEO) :

Preparing the graduates to,

*To prepare the graduates to solve, analyze and develop real time engineering products by providing strong foundation in the fundamentals of Electronics and Communication Engineering

*To prepare the graduates to succeed in multidisciplinary dimensions by providing adequate trainings and exposure to emerging technologies

*To prepare the graduates to become a successful leader and innovator following ethics with the sense of social responsibility for providing engineering solutions

Program Specific Outcomes (PSO):

*Graduates will be able to provide solutions for real time embedded systems using Internet of Things to meet the global needs.

*Graduates will have the perseverance to design and develop products using cutting edge technologies in Signal processing and Communication systems.

2020-2021

8th SEM



RAMYAA
9.28



MUTHU ICOURT MAHARAJAA
9.25



SELVAMANI M
9.14

6th SEM



VIGNESHKUMAR R
9.89



SELVALAKSHMI B
9.86



CHANDRA LEKHA M
9.79

4th SEM



SRUTHI R
9.7



GOWSIK P
9.53



APARNA S NAIR
9.52



FACULTY PARTICIPATION

| Name of the Faculty (with designation) | Name of the Training Programme | Date |
|--|---|-----------------------------|
| Dr.P.Rajeswari | FDP on Python Programming | 15.07.2020 to 18.07.2020 |
| Ms.R.Sathyabama | STTP on electric vehicular battery | 24.09.2020 to 30.09.2020 |
| Dr. L. Ramasethu | STTP on Blockchain Technologies and use cases Thread III | 28.12.2020 to 02.01.2021 |
| Ms.S.Kavipriya | Workshop on Machine Learning and Artificial Intelligence | 09.07.2020 to 11.09.2020 |
| Ms.N.Brinda | Workshop on Hadoop and Big Data analytics | 24.07.2020 To 25.07.2021 |
| Ms.R.Sathyabama | Webinar on the Topic of “Numerical Electromagnetics - Modeling and Simulation” | 11.07.2020 |
| Ms.B.Yamini Priya | Workshop on Machine Learning and Artificial Intelligence | 09.07.2020 to 11.09.2020 |
| Dr.P.Rajeswari | FDP on Python Programming | 15.07.2020 to 18.07.2020 |
| Dr.A.Kishore Kumar | FDP on Advancements in Communication Engineering Technologies with Simulation tools | 01.07.2020 to 05.07.2020 |
| Ms.M.Jeeva Jebakani | STTP on electric vehicular battery | 24.09.2020 to 30.09.2020 |
| Ms.R.Vanitha | STTP on “Applications of Artificial Intelligence towards Industry 4.0” | 14.12.2020 to 19.12.2020 |
| Mr.P.Suresh Kumar | STTP on “Application of AI Towards Industry 4.0” | 14.12.2020 to 19.12.2020 |
| Mr.M.Mohan Kumar | STTP on Interpersonal Skills on Best Behavioural Teachers | 21.09.2020 to 26.09.2020 |
| Mr.P. Sam Jenifer | STTP on Social Network Analysis – Emerging Trends and Challenges | 30.11.2020 to 05.12.2020 |
| Dr.J.Satheesh Kumar | STTP on electric vehicular battery | 24.09.2020 to 30.09.2020 |
| Mr.M.Gokul Rathnam | STTP on Interpersonal Skills on Best Behavioural Teachers | 21.09.2020 to 26.09.2020 |
| Mr.T.Arun Kumar | STTP on Applications of Architecture Intelligence towards Industry 4.0 | 14.12.2020 to 19.12.2020 |
| Ms.O.Revathy | STTP on Interpersonal Skills on Best Behavioural Teachers | 21.09.2020 to 26.09.2020 |

| Name of the Faculty (with designation) | Name of the Training Programme | Date |
|--|--|---------------------------|
| Mr.A.Shan | STTP on Interpersonal Skills on Best Behavioural Teachers | 21.09.2020 to 26.09.2020 |
| K.Nithya | STTP on Predictive Analytics using Machine Learning with Python | 10.08.2020 to 16.08.2020 |
| Dr.P.Rajeswari | Workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” | 18.07.2020 to 22.07.2020 |
| Dr.R.Sabitha | Industry Conclave on Recent Trends on Antennas and Microwave Engineering | 30.10.2020 to 03.11.2020 |
| Dr.P.F.KhaleelurRahiman | International Workshop on Cyber Attacks and Attack Handling Methods | 30.09.2020 |
| Dr.A.Udhayakumar | Kalam Program for IP Literacy and Awareness | 15.10.2020 to 23.10.2020 |
| Dr.A.Udhayakumar | Workshop on Hadoop and Bigdata Analytics | 24.07.2020 to |
| Ms. B. Ambika | Workshop on Machine Learning and Artificial Intelligence | 09.07.2020 to 11.09.2020 |
| Mr.D.Baskar | Training Program on Creating Open Educational Resources | 14.09.2020 to 18.09.2020 |
| Mr.D.Baskar | Workshop on Machine Learning and Artificial Intelligence | 09.07.2020 to 11.09.2020 |
| Dr.A.SureshBabu | Workshop on Hadoop and Big Data analytics | 24.07.2020 To 25.07.2020 |
| Dr. L. Ramasethu | Kalam Program for IP Literacy and Awareness | 15.10.2020 to 23.10.2020 |
| Mr.P.Suresh Kumar | Workshop on IoT | 09.09.2020 to 11.09.2020 |
| Mr.P.Suresh Kumar | Training Program on Arduino Programming using Tinker CAD | 12.10.2020 to 16.10.2020 |
| Mr.P.Suresh Kumar | Training on Emerging Technologies followed by a Project Build then | September to October 2020 |
| Mr.P. Sam Jenifer | Workshop on Hadoop and Big Data analytics | 24.07.2020 To 25.07.2020 |
| Ms. B. Ambika | FDP on Effective and Instructive Re- | 04.05.2020 to 10.05.2020 |

STUDENT PARTICIPATION

| Reg.No. | Name | Training(Webinar/conference/workshop) | Organised by | Duration |
|----------|-----------------|--|---|------------------|
| 17106091 | RAMAN S | Cognizant virtual connect session | Hindusthan Corporate relations | 11.6.20 |
| 17106094 | RAVICHANDIRAN K | Cognizant virtual connect session | Hindusthan corporate relations | 11/6/2020 |
| | | Opportunities in Japan for engineers | HICET ECE department | 13.6.20 |
| 17106096 | RISHI KANTH P | Summer interns of 2020 | | 3.6.20 |
| 17106097 | ROOBIKA S | Webinar on electronics in automotive Technology | Department of ECE/HICET | 2.6.20 |
| | | webinar on cloud infrastructure services | Hindusthan Corporate relations | 11.6.20 |
| | | webinar on competitive programming language JAVA | TCS | 12.6.20 |
| | | Webinar on carrier paths for dream companies. | Hindusthan Corporate relations | 13.6.20 |
| | | workshop on IOT | CCTI | 8.5.20 |
| 17106098 | SANJIKA K | Memory and motivation | Department of S&H /HICET | 9.6.20 |
| | | Cracking UPSC civil services exam | Department of ECE/HICET | 11.6.20 |
| | | Vedic mathematics and it's application | Department of S&H/HICET | 12.6.20 |
| | | Workshop on interview skills | Dr. B .R. Ambedkar National Institute of technology, Jalandhar. | 15.6.20, 16.6.20 |

STUDENT PARTICIPATION

| | | | | |
|----------|------------------|---|------------------------------------|----------|
| 17106099 | SANTHOSH KUMAR H | Webinar on electronics in automotive Technology | Department of ECE/HICET | 2.6.20 |
| | | IOT-NPTEL | | |
| 17106103 | SATHISKUMAR E | Webinar on electronics in automotive Technology | Department of ECE/HICET | 2.6.20 |
| | | | | |
| 17106104 | SELVALAKSHMI B | webinar im electronics in automotive | Department of ECE/HICET | 2.6.20 |
| | | Industry expectations from academia | Department of ECE/HICET | 3.6.20 |
| | | webinar on cloud infrastructure services | Hindusthan Corporate relations | 11.6.20 |
| | | webinar on competitive language JAVA | Hindusthan Corporate relations | 12.6.20 |
| | | webinar om carrier path to dream companies | Hindusthan Corporate relations | 13.6.20 |
| | | workshop on IOT | Ccti academy | 7.5.20 |
| | | OOPS-COURSEERA | | |
| 17106108 | SRIRAM M | Conference on Future growth on Bitcoin prediction | SRM TRP ENGINEERING COLLEGE TRICHY | 25.03.21 |
| 17106112 | SUJITH E | Cloud infrastructure services (CTS) - 11/06/2020 | | |
| 17106114 | SUNDAR K A | DATA STRUCTURES AND ALGORITHMS -UDEMY | | |

STUDENT PARTICIPATION

| | | | | |
|----------|----------------|---|---|--------------------|
| 17106121 | VIGNESHKUMAR R | "Role of IoT in Smart City Development" dated 10-06-2020 by | Kumaraguru College of Technology, Coimbatore. | 10.6.20 |
| | | "How is Cloud Computing a boon to almost every Industry?" | Kumaraguru College of Technology, Coimbatore. | 11.6.20 |
| | | Ui Path Automation for Robots | Kumaraguru College of Technology, Coimbatore. | 13.6.20 |
| | | "Asia AI Virtual Submit 2020 (AIVS2020)" | AIVS Team | 10.6.20 to 14.6.20 |
| | | "Node-RED: basics to bots" | IBM Developer Skill Network | 31.5.20 |
| | | Introduction to Cloud | IBM Developer Skill Network. | 31.5.20 |
| | | Machine Learning with Python | IBM Developer Skill Network. | 31.5.20 |
| | | Introduction to Data Science" | IBM Developer Skill Network. | 31.5.20 |
| | | "Career Edge - Knockdown the Lockdown" by TCS. "CNSS Certified Network Security Specialist" by International Cyber security Institute,UK. "AI for Medical Prognosis" by Coursera. "AI for Medical Diagnosis" by Coursera. "Algorithms Specialization" by Stanford University. "Image and Video Processing: From Mars to Hollywood with a Stop at the Hospital" by Duke University. | | |
| | | "Smart Agriculture system based on IoT" from 07/05/2020 to 06/06/2020 Powered by SmartInternz in collaboration with IBM. | | |

STUDENT PARTICIPATION

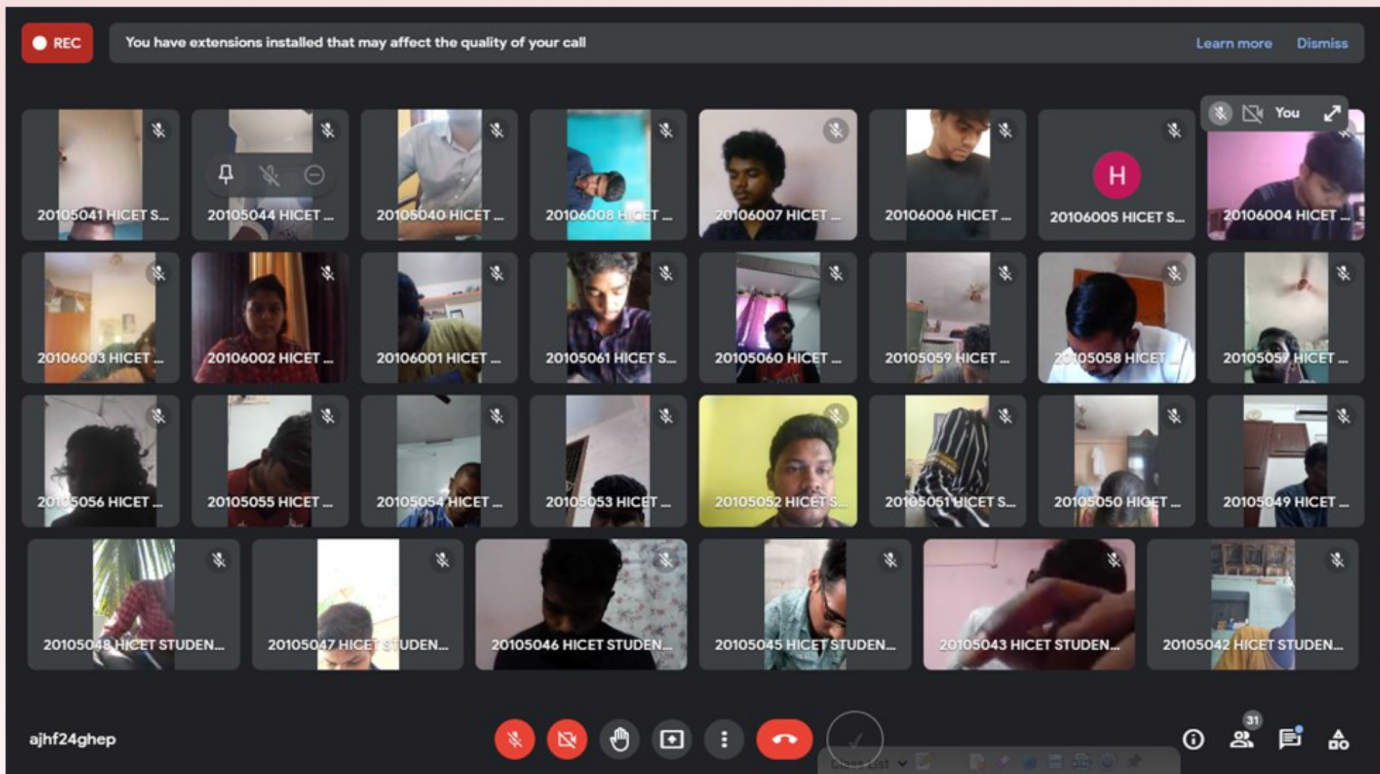
| | | | | |
|----------|--------------------|---|---|-----------------------------|
| 17106123 | VISHNUPRIYA T K | Cognizant virtual connect session(-june11),Work on (june-2),,CCTI-Industrial automation in PLC(june-7). | | 11.6.20 |
| | | electronics in Automotive technology | | 2.6.20 |
| | | Webinar on Industry expectations from academia | | 3.6.20 |
| | | Workshop on industrial automation lab view | CCTI | 5.6.20 |
| 17106124 | YAMINIPRIYA P | Career path to dream companies like VMware, | Hindusthan Engineering Institutions, Corporate Relations. | 13.6.20 |
| | | Let's discover Software as CAREER | | 6.6.20 |
| | | Cloud Infrastructure Services.Cogniznat Virtual Connect session | | 11.6.20 |
| 18106129 | R.SNEHA | Sky is not the limit Webinar | | 04 June 2020 |
| | | "Technological Solution of Covid and Post Covid challenges in Society"Webinar | | 8 June 2020 to 12 June 2020 |
| | | Cyber Security Webinar | | June 05,2020 |
| | | Container's Cloud Webinar | | June 20,2020 |
| | | Enhance Employability Skills Webinar | | 9th June 2020 |
| 18106125 | K.SHRISANJAYKUMAAR | Artificial intelligencewith data science | | 15/07/2020 |
| | | signals detection in cognitive radio network | | 23/06/2020 |
| | | National level quiz iot | | 11/06/2020 |
| | | National level quiz on real time operating system | | 15/06/2020 |
| | | application using machine learning techniques | | 08/06/2020 |
| | | engineering quiz on sensors | | 18/06/2020 |
| | | industrial automation | | 10/12/2020 |
| 18106127 | SIVAPRIYA.S | INPLANT TRAINING | | 20/06/2020 - 04/07/2020 |
| 18106139 | SUMAN.M | Fight against corona virus | | 12/07/2020-19/07/2020 |

DEPARTMENT EVENTS

BUSINESS COMMUNICATION FOR PROJECT MANAGEMENT AND DIGITAL TRANSFORMATION

28/6/2020

Organised by Mr.A.UDHAYAKUMAR, Mrs.R.VANITHA,
Mrs.T.NIVETHITHA



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Approved by AICTE, New Delhi, Accredited with 'A' Grade by NAAC
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Coimbatore – 641 032

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
in association with
COIMBATORE HCET IET STUDENTS CHAPTER (ECF)

WEBINAR ON
**PROFESSIONAL DEMANDS IN
CYBER SECURITY**

Resource Person
Mr.Rathnakumar
Lead Marketing Analyst
Cyber Security
TCS, Chennai.

12th June, 2020
11:00am — 12:00 pm
<https://meet.google.com/aub-dsbu-dra>
E- certificate will be given for the participants
Register for free
<https://qr.go.page.link/>

Dr.S. Annadurai
Advisor
Hindusthan Institutions

Dr.P.Rajeswari
HOD / ECE
Convener

Mr.D.Baskar
Mr.A.Suresh Babu
Assistant Professors / ECE
Coordinators

PROFESSIONAL DEMANDS IN CYBER SECURITY

12.06.21

Organised by
Mr.D.BASKAR,
Mr.A.SURESH BABU

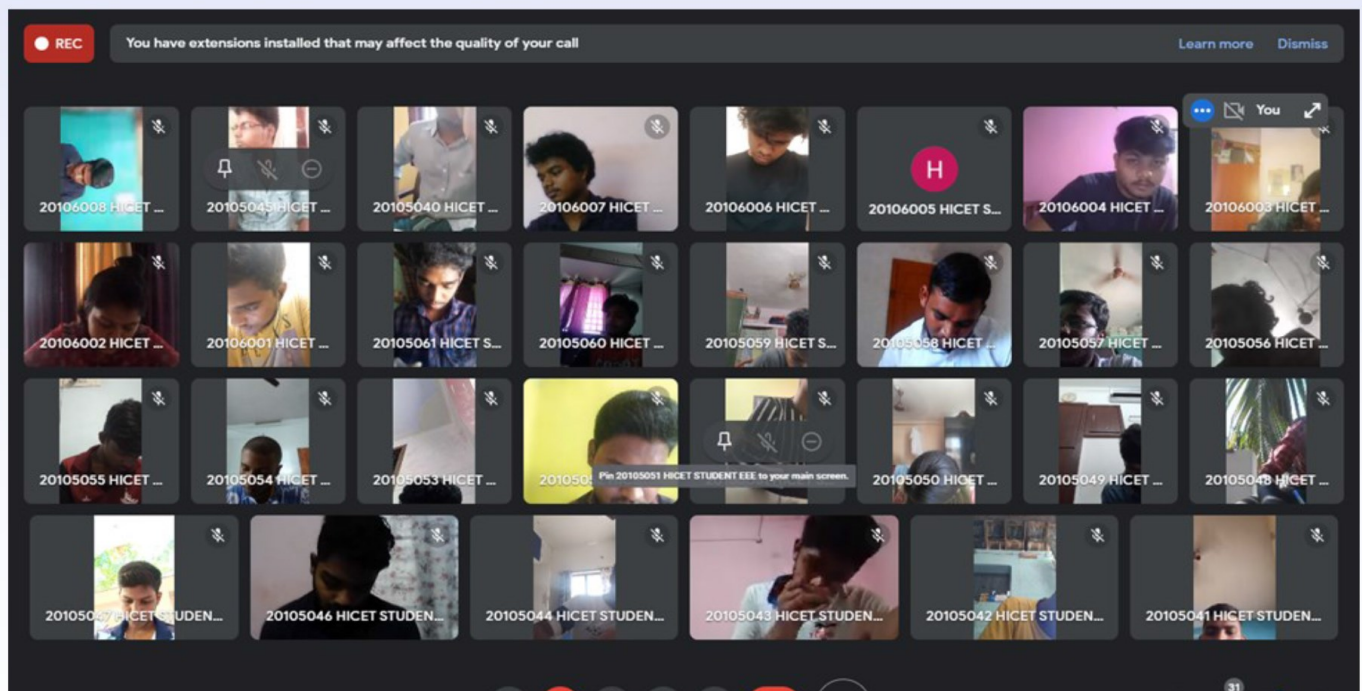
Explorations On Deep Learning In Biomedical Informatics 19/12/2021 TO 20/12/2020

Organised by Dr.A.Kishore Kumar & Mr M.Mohan



COMMUNICATION PROTOCOL IN BIOMDEICAL INDUSTRIES 24/6/2020

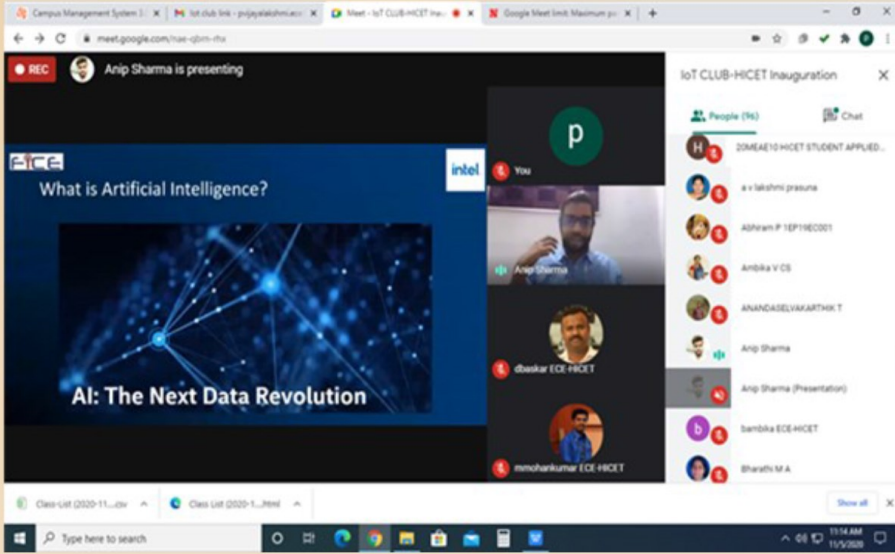
Organised by Mr.A.UDHAYAKUMAR, Mrs.R.VANITHA,
Mrs.T.NIVETHITHA



AI for Healthcare using INTEL Technology

5.11.2020

Organised by
Dr.VIJAYALAKSHMI P



CO Attainment Evaluation

Organised by
Dr.P.Rajeswari and
Dr.P.Geetha

How to Write Course Outcomes(cont...)

- ❖ Let us assume that DBMS course is having CIE & SEE marks
- ❖ You must know what are assessment tools you want to use in assessing the students.

| System | Assessment Tools | Review ka | Marks |
|--------------------------------------|---------------------------------|--------------------------|------------|
| CIE | Internal exams (Test 1, Test 2) | Two (Average of 2 tests) | 25 |
| | Assignment | One | 05 |
| | Lab | Lab programs (6) | 10 |
| | Mini-Project | One | 10 |
| | Total Marks for CIE | | |
| SEE | External exam | One | 100 |
| | Total Marks for SEE | | |
| Total Marks for DBMS Course(CIE+SEE) | | | 50+100=150 |

- ❖ Continuous Internal Evaluation (CIE)-Internal exam
- ❖ Semester End Examination [SEE]-University exam

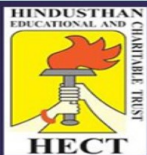
FDP On Effective Implementation Of Outcome Based Education 16.12.20-19-12.20

Organised by Dr.P.Rajeswari and Dr.P.Geetha



Webinar on Professional Demands in Cyber Security 12.06.2020

Organised by Mr.A.UDHAYAKUMAR, Mrs.R.VANITHA,
Mrs.T.NIVETHITHA



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
in association with
COIMBATORE HCET IETI STUDENTS CHAPTER (ECE)



WEBINAR ON

PROFESSIONAL DEMANDS IN CYBER SECURITY

Resource Person



Mr.Rathnakumar
Lead Marketing Analyst
Cyber Security
TCS, Chennai.

12th June, 2020

11:00am — 12:00 pm

<https://meet.google.com/aub-dsbu-dra>

E- certificate will be given for the participants

Register for free

<https://qrqo.page.link/>



Dr.S. Annadurai

Advisor

Hindusthan Institutions

Dr.P.Rajeswari

HOD / ECE

Convener

Mr.D.Baskar

Mr.A.Suresh Babu

Assistant Professors / ECE

Coordinators

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CHIEF EDITOR

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HoD/ECE

EDITOR

Mrs. J. Ramya
AP/ECE

Student Editors

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Monisha R
Ragavandhra K
Gokul AP

III year

R.Sruthii
Suriya A.K
R.Poorani
Rogh inico

IV year

P.Rishikanth

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e-mail: hicetlitereryclub2020@gmail.com

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