Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF COMPUTING

DEPARTMENT OF INFORMATION TECHNOLOGY

IOT CLUB EVENTS BOOKLET

2020-2021

VISION OF THE DEPARTMENT

To be an excellence in education and research in Information Technology producing global scholars for improvement of the society

MISSION OF THE DEPARTMENT

- To provide sound fundamentals, and advances in Information Technology, Software Engineering, data Communications and Computer Applications by offering world class curriculum.
- To create ethically strong leaders and expert for next generation IT.
- To nurture the desire among faculty and students from across the globe to perform outstanding and impactful research for the benefit of humanity and, to achieve meritorious and significant growth.

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DEPARTMENT OF INFORMATION TECHNOLOGY

EVENTS LIST:

NAME OF THE WORKSHOP	RESOURCE PERSON	DATE
Workshop on IOT (Batch 01)	Mr.Vivek Vasan Chief Technical Officer ARIOT, Chennai	04-03-2021 to 05-03-2021
Workshop on IOT (Batch 02)	Mr.Vivek Vasan Chief Technical Officer ARIOT, Chennai	22-03-2021 to 23-03-2021
Faculty Development Program on Machine Learning & Deep Learning Techniques	Dr.Vijayarajeswaran, Managing Director, VI Micro System PVT Ltd, Chennai	14-06-2021 to 15-06-2021
Seminar on IOT based smart sensor network	Dr.PersisUlbana Ivy, Professor and R&D Incharge, ManakulaVinayaga Inst. of Technology, Pondicherry	19-01-2022
Webinar on Integration of IOT and Cloud Computing	Dr. Rajeshwari Mukesh, HOD, School of Computing Sciences, Hindustan Institute of Technology &Science, Chennai	07-04-2022

PRESIDENT:

- BOJARAJ B U18IT701

SECTRETARY:

1. PAKKER MOHAMED SOHAIL K U18IT502
2. GRACE SHARON S P U18IT029

TREASURER:

- PULKIT BARASKAR U18IT026
- SANDHIYA K U18IT013

ASSOCIATION MEMBERS:

- INDLA MADHU TEJA U18IT007
- SETHUBHARATHY U18IT010
- CHUNDURI AVINASH U18IT011
- DEEPA S U18IT012
- KALYANAPU SURYA VAMSHI U18IT015
- PRAVINKUMAR S U18IT019
- THOTLA VAMSHI U18IT020
- SRIDHAR S U18IT024
- PULKIT BARASKAR U18IT026
- GRACE SHARON S P U18IT029
- SETHUBHARATHY V U18IT010

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SEMINAR ON "RECENT TRENDS ON IOT"

Seminar on recent trends on IOT was inaugurated on 17/08/2018 at 10.am with invocation and followed by lightning lamp by dignitaries. All the IOT club members and faculties participated in the workshop.

Dr. S.Neduncheliyan, Dean, delivered the welcome address and briefed the importance of IOT domain to students. He has expressed the purpose, objective and outcomes of the seminar.

Dr.Kumeravel, Professor /IT, delivered the presidential address stressing importance of IOT and its importance day to day use of technology to students. He felicitated the chief guest with a memento.

Dr.S.Subramanium, Professor & Head/IT Department, S.A.Engineering College, Chennai graced the inaugural function as chief guest. The chief guest appreciated the effort taken by the management, faculty and students of the computer science and Engineering department. He has shared his industrial experience in python programming.

Ms.Geetha, Assistant Professor delivered the vote of thanks to dignitaries, students and faculty members for the grand success of inaugural function.

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SEMINAR ON INDUSTRY REVOLUTION 4.0

Seminar commenced on 10/10/2018 at 10.am with invocation and followed by lightning lamp by dignitaries.

Dr.K.Ramesh Kumar HOD/IT, delivered the welcome address and briefed the importance of the IOT to students. He has expressed his gratitude to students for conducting technical activities through IOT Club and he shared his views about the AI technology used in and around the world.

Dr.S.Neduncheliyan, Professor/Dean, delivered the presidential address stressing importance of IOT in day to day use of technology to students. He felicitated the chief guest with a memento.

Dr.Kamal, Professor, Department of Computer Science and Engineering, GRT College of Engineering, Chennai. Graced the Seminar as chief guest. The chief guest appreciated the effort taken by the management, faculty and students of the computer science and Engineering department. He has shared his industrial experience about the IOT.

Ms.C.Anuradha, Assistant Professor delivered the vote of thanks to dignitaries, students and faculty members for the grand success of inaugural function.

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EXPERT TALK ON "IMPACTS OF ARTIFICIAL INTELLIGENCE IN AGRICULTURE"

Session started on 02/02/2021 at 10.am with invocation and followed by lightning lamp by dignitaries.

Dr.K.Ramesh Kumar HOD/IT, delivered the welcome address and briefed the importance of the AI to students. He has expressed his gratitude to students for conducting technical activities through IOT Club and he shared his views about the AI in agriculture and its needs around the world to empower agriculture.

Dr.S.Neduncheliyan, Professor/Dean, delivered the presidential address stressing importance of AI in day to day use of technology especially in agriculture to students. He felicitated the chief guest with a memento.

Dr.J.M.Mathana, Associate Professor, Department of ECE RMK Engineering College, Chennai. Graced the Workshop as chief guest. The chief guest appreciated the effort taken by the management, faculty and students of the computer science and Engineering department. She has shared his industrial experience about the AI in agriculture.

Mr.S.Sadagopan, Assistant Professor delivered the vote of thanks to dignitaries, students and faculty members for the grand success of inaugural function.

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WORKSHOP ON "IOT APPLICATIONS"

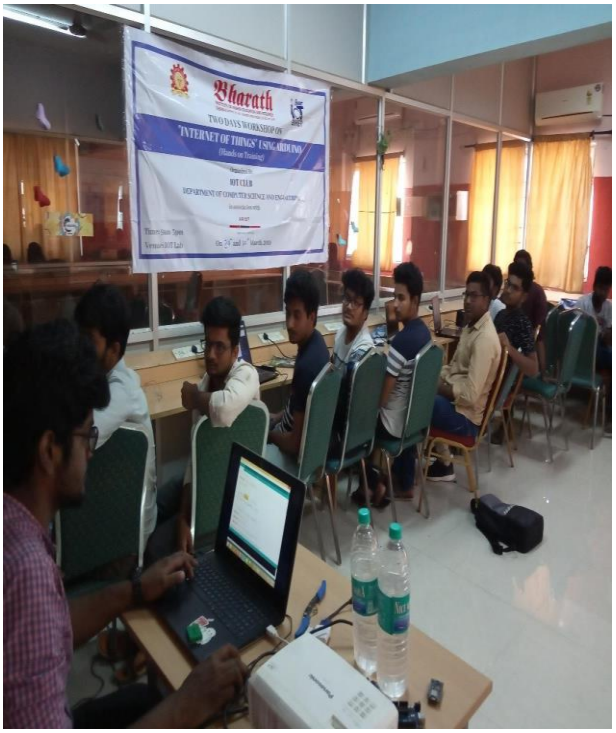
Workshop started on 02/02/2021 at 10.am with invocation and followed by lightning lamp by dignitaries.

Dr.K.Ramesh Kumar HOD/IT, delivered the welcome address and briefed the importance of the smart application in IOT to students. He has expressed his gratitude to students for conducting technical activities through IOT Club and he shared his views about the day to day IOT applications and its needs around the world.

Dr.S.Neduncheliyan, Professor/Dean, delivered the presidential address stressing importance of IOT applications in day to day use of technology especially in agriculture to students. He felicitated the chief guest with a memento.

Dr.P.Visu, Associate Professor, Department of CSE Velammal College of Engineering, Chennai. Graced the Workshop as chief guest. The chief guest appreciated the effort taken by the management, faculty and students of the computer science and Engineering department. She has shared his industrial experience about the IOT applications and its use in smart cities.

Ms.Anita Davamani, Assistant Professor delivered the vote of thanks to dignitaries, students and faculty members for the grand success of inaugural function.



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2022-2023

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EVENTS LIST:

NAME OF THE WORKSHOP	RESOURCE PERSON	DATE
Workshop on IOT (Batch 01)	Mr.Vivek Vasan Chief Technical Officer ARIOT, Chennai	09-03-2022 to 10-03-2022
Workshop on IOT (Batch 02)	Mr.Vivek Vasan Chief Technical Officer ARIOT, Chennai	24-03-2022 to 25-03-2022
Faculty Development Program on Machine Learning & Deep Learning Techniques	Dr.Vijayarajeswaran, Managing Director, VI Micro System PVT Ltd, Chennai	13-06-2022 to 14-06-2022
Seminar on IOT based smart sensor network	Dr.PersisUlbana Ivy, Professor and R&D Incharge, ManakulaVinayaga Inst. of Technology, Pondicherry	24-01-2023
Webinar on Integration of IOT and Cloud Computing	Dr. Rajeshwari Mukesh, HOD, School of Computing Sciences, Hindustan Institute of Technology &Science, Chennai	06-04-2023

PRESIDENT:

- ABDUL SAMEER U19IT001

SECTRETARY:

1. ABUTHAHIR U19IT002
2. ANANDKUMAR K U19IT003

TREASURER:

- S ANNAMALAI U19IT004
- ANTHI REDDY GARI CHANDRAKANTH REDDY U19IT005

ASSOCIATION MEMBERS:

- BEKKAM NAGA BABU - U19IT010
- BUGATHA VENKATA SAI KAUSHIK -U19IT011
- CHANDRAPATLA LAKSHMAN KUMAR - U19IT012
- DEVATHARSHINI E - U19IT013
- DIWAKAR M - U19IT014
- DONTHINENI SAI SHIVAMANI - U19IT015
- GOKULRAJI J U19IT016
- GORREPATI GOPI KRISHNA - U19IT017
- GURU PRASATH N - U19IT018
- JEBASTIN - U19IT019
- JEGADESAN V - U19IT020
- JONNA VIDYADHAR - U19IT021
- KAMESH R - U19IT022
- KANDIBANDA SANTOSH KUMAR - U19IT023
- KAVURI ABHIRAM REDDY - U19IT024

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Workshop on INTERNET OF THINGS (IOT) - (Hands on Training)

9th and 10th (Batch -I) & 24th and 25th March (Batch-II) -2022

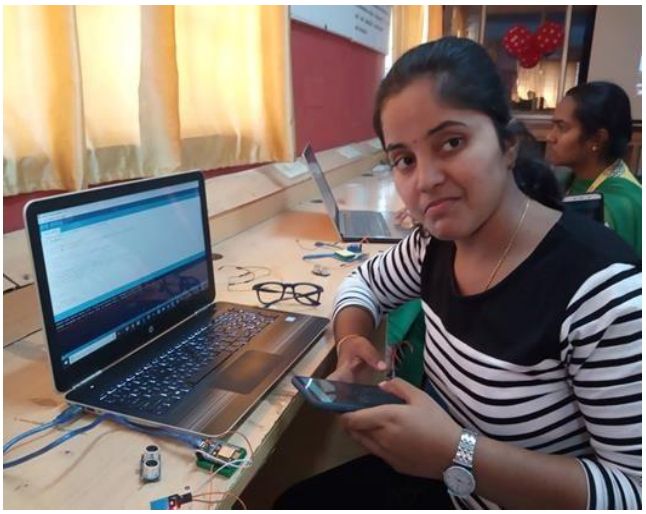
A two days' Workshop on "INTERNET OF THINGS AND APPLICATIONS (IOT)" was organized on the 9th ,10th March & 24th ,25th March-2022. It is an event to provide hands on training in internet of things and techniques by using software and Arduino mainly for 2ndyr and 3rdyr students of Department of Computer science and Engineering.

The workshop commenced at 9.00 a.m. in the Civil Seminar Hall with invocation followed by the welcome address by Dr.S.Neduncheliyan, Dean/Computer Science Engineering.

Dr.S.Neduncheliyan, Coordinator of the workshop briefed the importance of the workshop. He expressed detail about the internet of things(IOT) using Arduino softwares. A total of seventy seven students from 2nd year participated in this workshop.

All the under graduate students attended inaugural session. Dr.S.Neduncheliyan made brief introduction about the chief guest. Dr. A.Kumaravel, School of Computer Science delivered the presidential address, stressing the importance of internet of things , and day today use of Internet of things. Mr.VivekVasan graced the workshop session as Chief Guest. The Chief Guest appreciated the efforts taken by the management, the faculty and students of the computer science engineering organizing the workshop.

The first day, students were taken to the field for giving hands on training in Total session , for doing a hands on training on internet of things by using Arduino,they did partically some of the experiments like(room temperature, ultrasonic sensors) During the second day ,Thepartical session has countiued ,By using aurdino and cloud computing sensor.



The valedictory function of the workshop was held at 04.00 p.m. in the Civil Seminar Hall on the second day .Dr.Nedunchaliyan invited the participants to give the feedback about the workshop. Few of the participants raised some doubts about the techniques of the IOT, which was cleared by Mr.Vivekvasan.

Dr. Hariprakash, Additional Registrar issued the certificates to the participants (1st Batch). Then, the additional register concluded the workshop with his impressive valedictory address, which was appreciated by all the students.

The valedictory function of the workshop was held at 05.00 p.m. in the CSE Smart Room Hall on the same day.Dr.Nedunchaliyan invited the participants to give the feedback about the workshop. Few of the participants raised some doubts about the techniques of the IOT, which was cleared by Mr.Vivekvasan .

Dr.VenkateshBabu, Dean-Academic, issued the certificates to the participants (2nd Batch). Then, the Dean has concluded the workshop with his impressive valedictory address, which was appreciated by all the students.

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SMART IOT BIHER

MACHINE LEARNING AND DEEP LEARNING TECHNIQUES (9-10,JUNE 2022)

The faculty Development Programme on "Machine Learning and Deep Learning Techniques" In Association with National Social Summit (NSS) IIT Roorkee
Initiated by EduxLabs & IOT Club was conducted on 9-10, June 2022. Around 41 faculty participated in FDP from external and internal faculty.

Dr. S.Nedunchaliyan, Dean, delivered the welcome address and briefed the importance of the Machine Learning and Deep Learning to participants . He has expressed the purpose, objective and outcomes of the FDP. He has shared his experience about the Deep Learning used in and around the world.

Dr.Vijayarajeswaran, Managing Director, VI Micro System PVT Ltd, Chennai graced the function as chief guest. The chief guest appreciated the effort taken by the management, faculty of the computer science and Engineering department. He has shared his industrial experience about the Machine Learning and Deep Learning.

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Dr.R.Kavitha, Associate Professor delivered the vote of thanks to dignitaries, students and faculty members for the grand success of FDP.

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SMART IOT BIHER

SEMINAR ON "IOT BASED SMART SENSOR NETWORKS" (24-01-2023)

The Seminar commenced at 10.am with invocation and followed by lightning lamp by dignitaries. Dr.K.Ramesh Kumar HOD/IT, delivered the welcome address and briefed the importance of the sensor networks to students. He has expressed his gratitude to students for conducting technical activities through IOT Club and he shared his views about the smart irrigation technology and its needs around the world to empower agriculture.

Dr.Nedunchaliyan, Professor/Dean, delivered the presidential address stressing importance of AI in day to day use of technology to students. He felicitated the chief guest with a memento. Dr.Persis Urbana Ivy, Professor and Head R&D, Manakula Vinayagar Institute of Technology, Pondicherry. Graced the Workshop as chief guest. The chief guest appreciated the effort taken by the management, faculty and students of the computer science and Engineering department. She has shared his industrial experience about the IOT.
Ms.Geetha , Assistant Professor delivered the vote of thanks to dignitaries, students and faculty members for the grand success of inaugural function.

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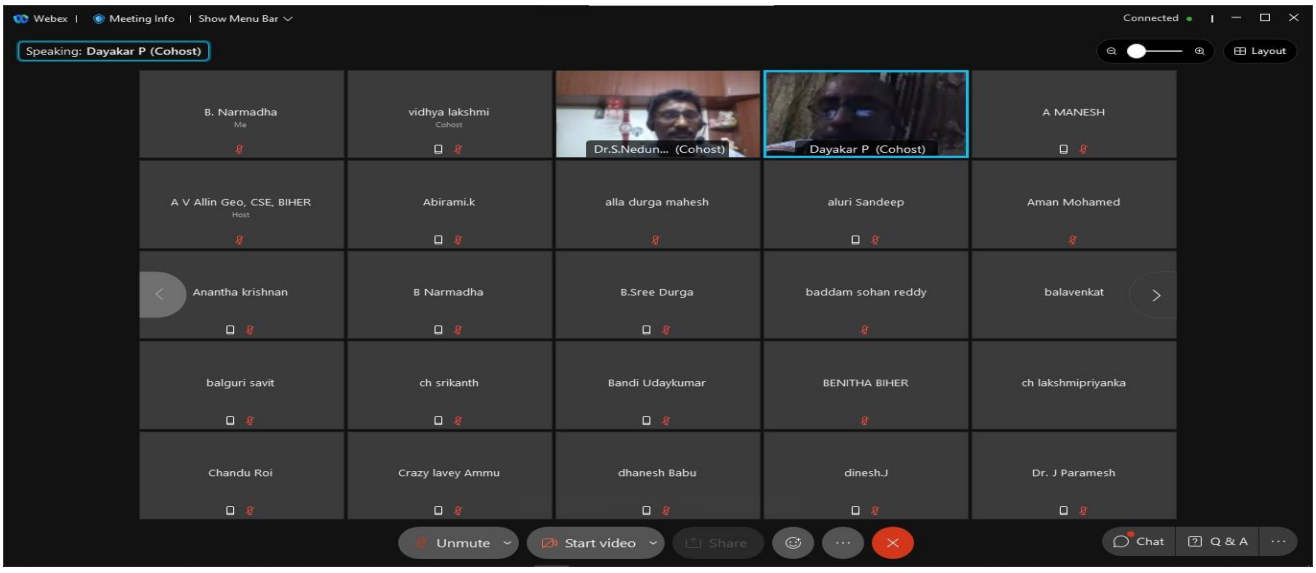
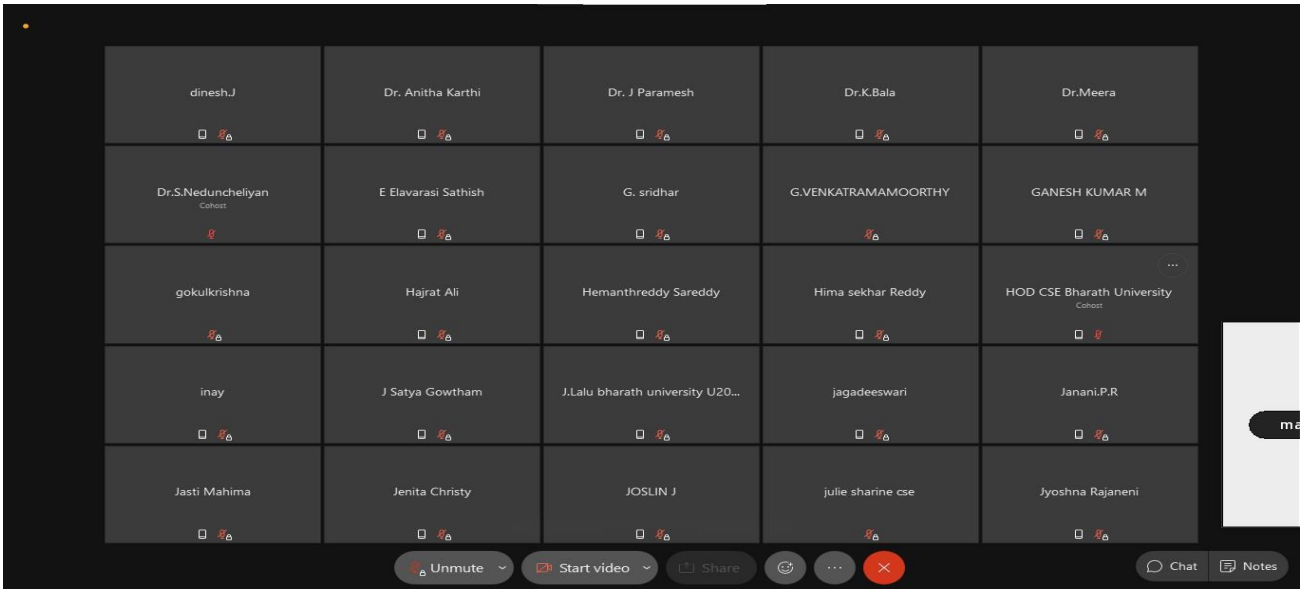
WEBINAR ON "INTEGRATION OF CLOUD COMPUTING AND IOT"(15-04-22)

Webinar started on 15/04/2022 at 05.pm with welcome address by Dr.K.Ramesh Kumar HOD/IT and delivered the importance of the webinar in pandemic and cultivation of knowledge in the field of cloud computing and IOT to students in online. He has expressed his gratitude to students for conducting technical activities through IOT Club.

Dr.Nedunchaliyan, Professor/Dean, delivered the presidential address stressing importance of cloud computing and IOT technology in day to day use to students. He felicitated the chief guest with an honour speech.

Dr.Rajeshwari Mukesh, Professor and Head School of Computing, Hindustan Institute of Technology and Science, Chennai. Graced the Webinar as chief guest. The chief guest appreciated the effort taken by the management, faculty and students of the computer science and engineering department, she has shared his views on integration of IOT with Cloud Computing and Opportunities in Cloud Computing.

Mr.Rajabooshanam, Associate Professor delivered the vote of thanks to dignitaries, students and faculty members for the grand success of webinar.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