



DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING

Report of One Week Online Faculty Development Program on “Artificial Intelligence and Robotic Process Automation” from 12th September to 17th September, 2022

The Department of Electronics and Computer Engineering organized a one-week Online Faculty Development Program on “Artificial Intelligence and Robotic Process Automation” during 12th Sep, 2022 to 17th Sep, 2022.

The FDP is aimed and focused at bringing together Scientists, industry experts, eminent professors from academia, R&D organizations, research scholars and Students to exchange and share their experiences and research results in all the allied areas of Artificial Intelligence and Robotic Process Automation.

First Day: Resource person delivered about Metaverse using AI and

Cisco Webex Meetings Meeting Info Hide Menu Bar ^

File Edit Share View Audio & Video Participant Meeting Breakout Sessions Help

2456 Dr.Syed Inthiyaz K Mallikarjuna Rao 3035 Dr.T.Eswaral Dr TK Rama Krishna Rao Dr.P.S.G.ARUNA SRI 3167- Kameswara Rao M Layout

Viewing Dr Syed Ziaur Rahman's screen 51% +

How Is Metaverse Using AI

We can use AI technologies such as:

- Speech recognition** to transcribe user speech into text and natural language processing to understand user intent
- Computer vision** to allow users to interact with the metaverse through images and videos
- Translation** to allow users to interact with the metaverse in their native language
- Augmented reality** to allow users to overlay digital information on the physical world

A USER with a visual impairment might be able to use computer vision to see the metaverse in greater detail or a user with a hearing impairment might be able to use speech recognition to communicate with others in the metaverse.

Dr Syed Ziaur Rahman (Cohost)

Participants (84)

Search

- AG Amulya Godi
- AR Anand R
- A Ananthi
- AC Anupama Chaurasia
- AS ashwin saho
- BR BINISHA R
- CP Chaitra. B. P.
- C1 CLASS ROOM 138
- C CR095
- DP Dr . Madhura Phadke
- DR Dr K. Venkata Ratnam
- DP Dr KOLLA BHANU PRAKASH

Mute all Unmute all

Unmute Start video Share Record

Type here to search 31°C 10:36 AM 9/12/2022

Cisco Webex Meetings Meeting Info Hide Menu Bar

File Edit Share View Audio & Video Participant Meeting Breakout Sessions Help

Dr Syed Ziaur... (Cohost) K Mallikarjuna Rao 2456 Dr.Syed Inthiyaz Dr TK Rama Krishna Rao Dr.P.S.G.ARUNA SRI 3035 Dr.T.Eswarlal

Viewing Dr Syed Ziaur Rahman's screen 65%

Artificial intelligence (AI) applications are now much more common than you might think.

In a recent **SURVEY**, 50% of respondents said that their companies use AI for at least one business function.

A **report** found that 40% of enterprises have an organization-wide AI strategy in place.

Reference :Mckinsey Survey and

Unmute Start video Share Record

Participants (78)

CR094 Host, me

Dr Syed Ziaur Rahman Cohost

J RAJASEKHAR Cohost

2456 Dr.Syed Inthi...

3035 Dr.T.Eswarlal

3167- 3908 Mr.N.RAJESH

3908 Mr.N.RAJESH

4712 Mrs.M.PRAV...

5237 Dr.P.VIDYULLATHA

7385_K Sreekanth

A.Tejaswi

Mute all Unmute all

Type here to search

31°C 10:31 AM 9/12/2022

Cisco Webex Meetings Meeting Info Hide Menu Bar

File Edit Share View Audio & Video Participant Meeting Breakout Sessions Help

Dr J Arul Valan Cohost 3908 Mr.N.RAJESH 6276 Mr.S.VIJAYA KRIS... 7385_K Sreekanth Alka Shrivastava Layout

Viewing Dr J Arul Valan's application(s) 91%

Role of AI in Robotic Process Automation

by Dr. J. Arul Valan Assistant Professor Department of CSE NIT Nagaland 9443109434, valanmspt@yahoo.co.in

RPA Robotic process automation

Mute Start video Share Record

Participants (54)

B.Sathyaseelan

CP Chaitra. B. P.

DP Dr. A Poonguzhali

DA Dr. Ashish

DM Dr. R. Uma Maheswari

DD Dr. Rajib Debnath

DR Dr. Annareddy V N Reddy

DB Dr.G.Charles Babu

D Dr.R.D.SATHIYA

GE Gayathri. E

KK K KANNAN

LS Lanka Sunitha

Mute all Unmute all

Type here to search

28°C 10:08 AM 9/13/2022

Guest Portal | Mail - Sridevi Sakhamuri - Outlook | Meeting is in progress...

kluniversity.webex.com/wbxmjs/join/service/sites/kluniversity/meeting/download/bff63bab90f34c1093d66386ec5989a7_20220914T034500Z?launchApp=true&siteurl=kluniversity

KL ERP | K L - Learning Man... | KL-ONLINE - Home | KeySkill-cLMS | Huawei Talent | FutureSkills Prime | Wiley Certification L... | SkillUp Online | ICRIST-2021 | Dashboard | 3.2.b.Tuples vs Lists...

Meeting Info

Anupama Chaurasia | Mohan Cohost | 7385_K Sreekanth | Ambica Annavarapu | 2456 Dr.Syed Inth...

Viewing Mohan's screen

14:41 Wed, 14 Sept

Robotic Autonomous System

Participants (39)

Search

- CR094 Host, me
- Mohan Cohost
- venkata daya sa... Cohost
- 2456 Dr.Syed I...
- 7385_K Sreeka...
- Ambica Annava...
- Anupama Chau...
- B. Prasanna Ku...
- B. Sathyaseelan
- Chaitra. B. P.

Mute All Unmute All

Unmute Start video Share Record

Type here to search

30°C 2:41 PM 9/14/2022

Mail - Sridevi Sakhamuri - Outlook | good afternoon message - Google | KL-ONLINE - Meeting Detail

Cisco Webex Meetings | Meeting Info | Hide Menu Bar

File Edit Share View Audio & Video Participant Meeting Breakout Sessions Help

Dr. Tilottama... (Cohost)

1111 | 1286-Dr.S.Nagendram | 6276 Mr.S.VIJAYA KRIS...

Viewing Dr Tilottama Goswami's applic...

52%

Is a Web Scraper a bot?

Yes, Web scraping is the process of using bots to extract content and data from a website.

Scraper bots are tools or pieces of code used to extract data from web pages. These bots are like tiny spiders that run through different web pages in a website to extract the specific data they were created to get.

Web Scraping also termed Screen Scraping, Web Data Extraction, Web Harvesting

The process of extracting data with a scraper bot is called web scraping.

Participants (71)

Search

- CR094 Host, me
- Dr Tilottama Goswami Cohost
- J rajasekhar Cohost
- venkata daya sag... Cohost
- 1111
- 1286-Dr.S.Nagendram
- 6276 Mr.S.VIJAYA ...
- 7385_K Sreekanth
- Aarti Sahitya

Mute all Unmute all

Unmute Start video Share Record

Type here to search

31°C 2:55 PM 9/13/2022

A total of 350 Participants were registered from all over India and the course content delivered from a pool of resource persons on the subject from leading industries and prestigious academic institutions. The Speakers highlighted the current changes in Artificial Intelligence. First day they discussed about the technologies that are using AI, Metaverse using AI. Second the discussion is about Role of AI in RPA and Web Scrapping. Third day a hand's on Session on RPA , Robotic Autonomous System. Fourth day the resource persons delivered about NLP in RPA. Fifth day they discussed about emerging trends in AI and deep learning cases in advanced driver assistance systems. Last day i.e sixth day the resource persons delivered about RPA usage with implementation in healthcare.

On the last day from 12:30 pm onwards Valedictory ceremony done over online. HoD – ECM conveyed her sincere thanks to all the resource persons who had delivered and shared their knowledge to all the participants who had participated from all over India from various reputed institutions. She conveyed her thankful message to all the organizers, higher authorities who had provided all necessary facilities. Coordinator Dr Daya Sagar sir delivered vote of thanks. FDP have been concluded with National Anthem.

Resource Persons:

1. Dr Syed Ziaur Rahman, Head of the Faculty of Information Technology. Majan University College Affiliated to University of Bedfordshire, United Kingdom
2. Pavan Kumar, Senior Consultant, Infosys
3. Dr J Arul Valan, Assistant Professor . NIT Nagaland
4. Dr Tilottama Goswami , Professor, Anurag University
5. Dr KVD Sagar , Associate Professor. KLEF
6. N Mohan Krishna , Research Scholar, IIT Kanpur.
7. PVV Srinivas, Assistant Professor, KLEF
8. Dr. Nagaraju Baydeti, National Institute of Technology, Nagaland
9. Dr. M. Ramesh Kumar, Assistant Manager (Tech Lead) ISIT ATG, Renault Nissan Technology and Business centre, India
10. P Vinay Sai Kumar, Data Research Specialist, University of Illinois Urbana Champaign - United States

Subject code: 19EM3209 Robotic Process Automation IV B.Tech I Sem,19CS2212- Artificial Intelligence-II B.Tech II sem

