A Detailed Report on Webinar on Smart Technologies – How to implement IoT in Agriculture Industry Held on 26.07.2021

Date of Event	26.07.2021
Name and Type of Event	Webinar on Smart Technologies – How to implement IoT in Agriculture Industry
Presenter	Dr. Arun Kumar Marandi
Conducted by	Sneha Kashyap , Arvind Kumar Pandey
No. of Participants	58

A National Webinar on Smart Technologies – How to implement IoT in Agriculture Industry was organized on 26th July 2021. It was organized online using the Google Meet platform. The webinar was conducted by Sneha Kashyap, Assistant Professor department of Computer Science & IT.

About the Speaker: Dr. Arun Kumar Marandi is currently working as Assistant Professor in ARKA JAIN University. He has authored and co-authored several national and international publications and working as a reviewer for reputed professional journals. He is having an active association with different societies and academies around the world. He made his mark in the scientific community with the contributions and widely recognition from subject experts around the world. He has received several awards for the contributions to the scientific community. His major research interest involves Software Quality and quality improvement in software development life cycle, Mobile Computing, Computer Graphics.

About the event: In the Internet of Things IoT based smart farming, a system is built for monitoring the crop field with the help of sensors like light, humidity, temperature, soil moisture etc and automating the irrigation system. IoT is an integration of several technologies such as sensors, actuators, embedded system, networks, wireless communications and web technologies. Following topics were covered in the webinar like Implementation of IoT agriculture, How can IoT help in agriculture, Benefits of IoT in agriculture, Challenges, Future Scope, Can IoT work without Internet, Its advantage and disadvantages.

60 participants turned up in the webinar. The Event began at 11 am. The event started with the welcome note by Mrs Sweta Kumari Barnwal. After the inauguration speech, Dr. Arun Kumar Marandi gave the presentation that basically illustrated that not only IoT can be used in urban

sector, rural sector can also use this very effectively .The session continued for around 2 and half hours and ended at 1:30 pm. The session was followed by a Vote of Thanks. A short Feedback Session was conducted for the participants after that Participation Certificates were awarded to them.

Poster of the Event

Photo of the Event

Registration Link

Link : https://forms.gle/61hwCEuFT4QTwUrWA

List of Participants

SL. No	Email Address	Name (Block Letters)	Registration Number	Branch
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Feedback Forms

Feedback Form on Guest Lecture Sessions – 20 21

School of _____ CS & IT _____

Course BCA

Year / Section	2nd Sem – B Section	Academic Year	2020 - 2021
Name of the Guest	Arun Kumar Marandi	Date of the Lecture	26/07/2021
Topic of the lecture	How to implement IoT in Agriculture Industry	Duration	1hr 30 min

SL No	Description	Excellent	Good	Average	Poor
1	The instructor explained the topic clearly and used relevant examples	✓			
2	The lecture was interactive and felt engaged	✓			
3	Speaker positively influenced my view towards the topic	✓			
4	In future, I would like to attend the lectures from the speaker	✓			

Mention few points you have learnt from the lecture – I found the Lecture was very useful and informative

Feedback Form on Guest Lecture Sessions – 20 21

School of_____CS & IT_____

Course BCA

Year / Section	2nd Sem – B Section	Academic Year	2020 - 2021
Name of the Guest	Arun Kumar Marandi	Date of the Lecture	26/07/2021
Topic of the lecture	Webinar on Smart Technology - How to implement IoT in Agriculture Industry	Duration	1hr 30 min

Sl. No	Description	Excellent	Good	Average	Poor
1	The instructor explained the topic clearly and used relevant examples	✓			
2	The lecture was interactive and felt engaged		✓		
3	Speaker positively influenced my view towards the topic	✓			
4	In future, I would like to attend the lectures from the speaker	✓			

Mention few points you have learnt from the lecture – Thank you sir, for the session. I got to know lot of things

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Feedback Form on Guest Lecture Sessions – 20 21

School of _____ CS & IT _____

Course <u>BCA</u>

Year / Section	5ᵗʰ Sem Data Science	Academic Year	2020 - 2021
Name of the Guest	Arun Kumar Marandi	Date of the Lecture	26/07/2021
Topic of the lecture	Webinar on Smart Technology	Duration	1hr 30 min

Sl. No	Description	Excellent	Good	Average	Poor
1	The instructor explained the topic clearly and used relevant examples	✓			
2	The lecture was interactive and felt engaged	✓			
3	Speaker positively influenced my view towards the topic	✓			
4	In future, I would like to attend the lectures from the speaker	✓			

Mention few points you have learnt from the lecture – Thank you
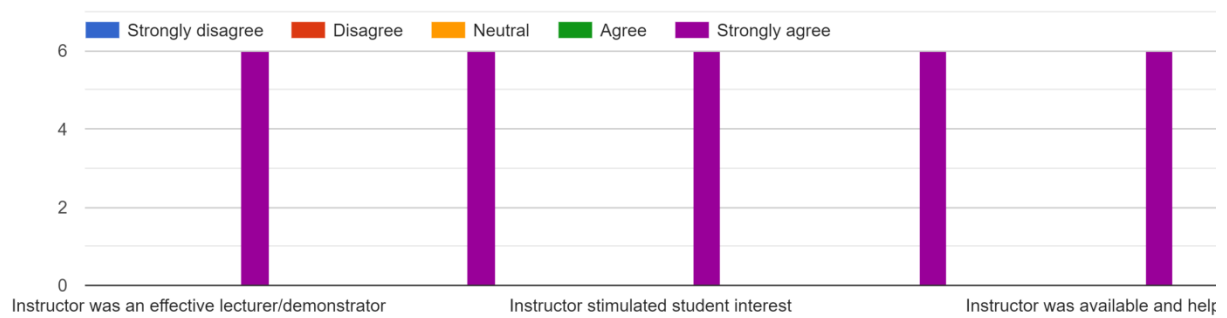
Feedback –Report

Feedback Analysis Report

Level of effort

Contribution to learning

Legend: Poor (blue) | Fair (red) | Satisfactory (orange/yellow) | Very good (green) | Excellent (purple)

Category	Very good	Excellent
Level of skill/knowledge through out of course	2	4
Contribution of course to your skill/knowledge	1	5
(third)	1	5
(fourth)	1	5
(fifth)		6

Skill and responsiveness of the instructor

Legend: Strongly disagree (blue) | Disagree (red) | Neutral (orange/yellow) | Agree (green) | Strongly agree (purple)

Category	Strongly agree
Instructor was an effective lecturer/demonstrator	6
Instructor stimulated student interest	6
(middle)	6
(fourth)	6
Instructor was available and help	6

Affiliation

58 responses

- UG
- PG
- Research scholar
- Faculty/Academician

93.1%

Course content

Legend: Strongly disagree | Disagree | Neutral | Agree | Strongly agree

Categories: Learning objectives were clear | Course content was organized and well planned | Course workload was appropriate
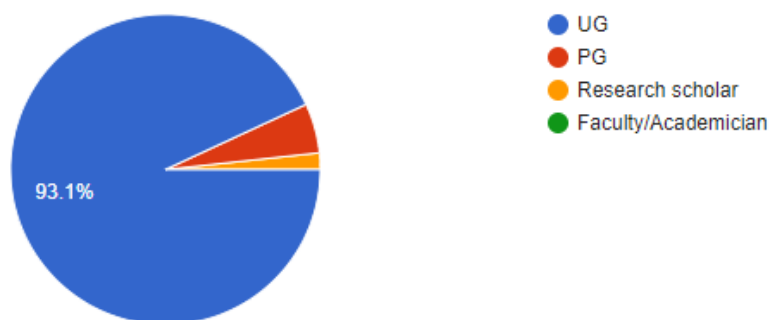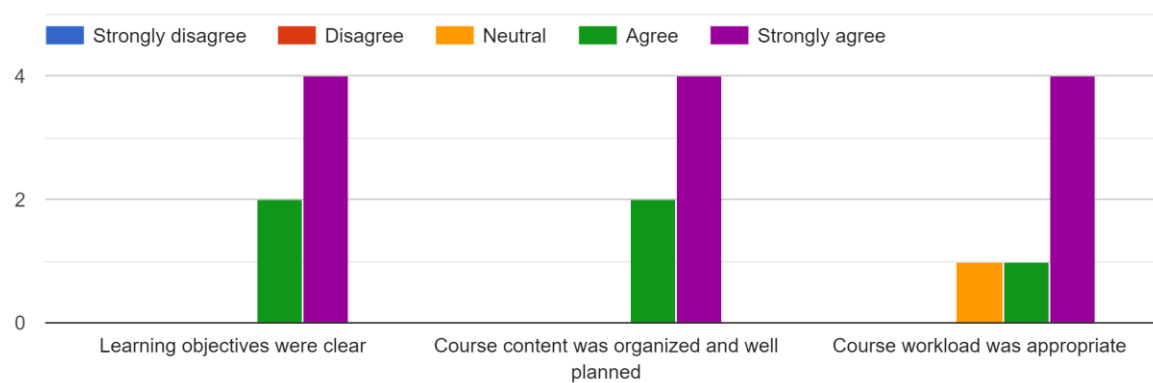
Certificate

Date of Issued - 27.07.2021

JGi
ARKA JAIN University
Jharkhand (Jamshedpur)

Certificate of Participation

Presented To

Kawaljeet Singh Walia

From ARKA JAIN UNIVERSITY, JAMSHEDPUR has participated in the *"Online Webinar on Smart Technologies – How to implement IoT in Agriculture Industry"* organized by **IT - Club, Department of Computer Science & Information Technology,** ARKA JAIN University Jamshedpur Jharkhand, held on 26.07.2021.

Certificate No -0HARXM-CE000016

(Dr. Arun Kumar Marandi)   (Sweta Kumari Bamwal)   (Sneha Kashyap)   (Arvind Pandey)
Organising Secretary   Coordinator   Coordinator   HOD

Made for free with Certify'em

Date of Issued - 27.07.2021

JGi
ARKA JAIN University
Jharkhand (Jamshedpur)

Certificate of Participation

Presented To

Suraj Kumar

From ARKA JAIN UNIVERSITY, JAMSHEDPUR has participated in the *"Online Webinar on Smart Technologies – How to implement IoT in Agriculture Industry"* organized by **IT - Club, Department of Computer Science & Information Technology,** ARKA JAIN University Jamshedpur Jharkhand, held on 26.07.2021.

Certificate No -0HARXM-CE000043

(Dr. Arun Kumar Marandi)   (Sweta Kumari Bamwal)   (Sneha Kashyap)   (Arvind Pandey)
Organising Secretary   Coordinator   Coordinator   HOD

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