Event Category : Webinar

Event Name: **" Smart Irrigation Management Model using Intelligent Internet of Things""**

Date: **01st July 2021.**

NES ®, Shimoga

JNN College of Engineering, Shivamogga

(Approved by AICTE, New Delhi, Accredited by NAAC-'B', Recognized by Govt. of Karnataka &Affiliated to VTU, Belgavi)

Department of Information Science & Engineering

(Accredited by National Board of Accreditation)

Webinar On

Smart Irrigation Management Model Using Intelligent Internet of Things

Date: 1st July, 2021

Time: 10.00AM to 11.30AM

Organised by

Department of Information Science & Engineering

In Association with

Computer Society of India

Objective:

Participants will be explored to the importance of smart irrigation using IoT.

Coordinators,

Mr. Vishwas C.G.M

Assistant Professor

Dept. of IS&E, JNNCE, Shimoga

E-mail: vishwascgm@jnnce.ac.in

Contact: +91-9448768614

Mr. Akshay M. J

Assistant Professor

Dept. of IS&E, JNNCE, Shimoga

E-mail: akshaymj@jnnce.ac.in

Contact: +91-9743147529

Resource Person

Mr. Varun Y. C

Founder & Director of Smart ICT Solution Pvt. Ltd., Melbourne, Australia,

IEEE Victoria Event & Publication Manager

Casual Lecturer at Central Queensland University, Australia

Dr. R Sanjeev Kunte

Professor & HOD. Dept. of IS&E

Dr. Manjunatha P

Principal

National Education Society ®

JNN College of Engineering, Shivamogga.

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B,
Accredited by NAAC –B, UG programs:CE,ME,EEE,ECE,CSE,ISE,TCE
accredited by NBA:1.7.2019 to 30.6.2022,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Information Science and Engineering in association with Computer Society of India.

You are all cordially invited for the

Webinar

On

"Smart Irrigation Management Model Using Intelligent Internet of Things"

Date: 1st July 2021 Time: 10.00AM to 11.30AM

Presided By	**Dr. Manjunatha P** Principal, JNNCE, Shivamogga
Presence	**Dr. R Sanjeev Kunte** HOD, Dept. of ISE, JNNCE, Shivamogga
Resource Person	**Mr. Varun Y C** Founder & Director of Smart ICT Solution Ltd. Melbourne, Australia, IEEE Victoria Event & Publication Manager Casual Lecturer at Central Queensland University, Australia

HOD and Staff Members of ISE

National Education Society (R.)
J N N College of Engineering, Shivamogga
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC – 'B',
UG Programs: CE, ME, EEE, ECE, CSE, ISE, TCE accredited by NBA: 1.7.2019 to 30.6.2022,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)
Department of Information Science and Engineering

28/06/2021

Circular

Department of IS&E has organized a webinar on "**Smart Irrigation Management Model Using Intelligent Internet of Things**" scheduled on 1st July 2021 from 10.00 AM to 11.30 AM.

Online Platform (Google meet) : https://meet.google.com/nzx-azhv-tqz

Resource Person:

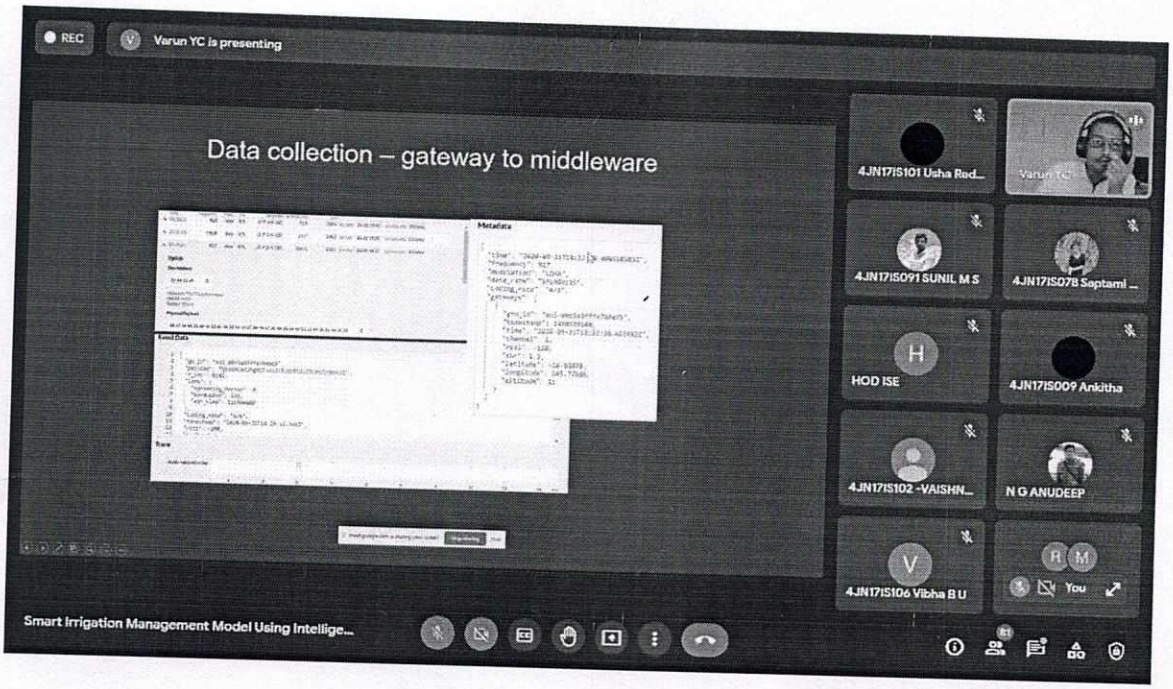
Mr.Varun Y C
Founder & Director of Smart ICT Solution Ltd., Melbourne, Australia,
IEEE Victoria event and publication Manager
Casual Lecturer at Central Queensland University, Australia,

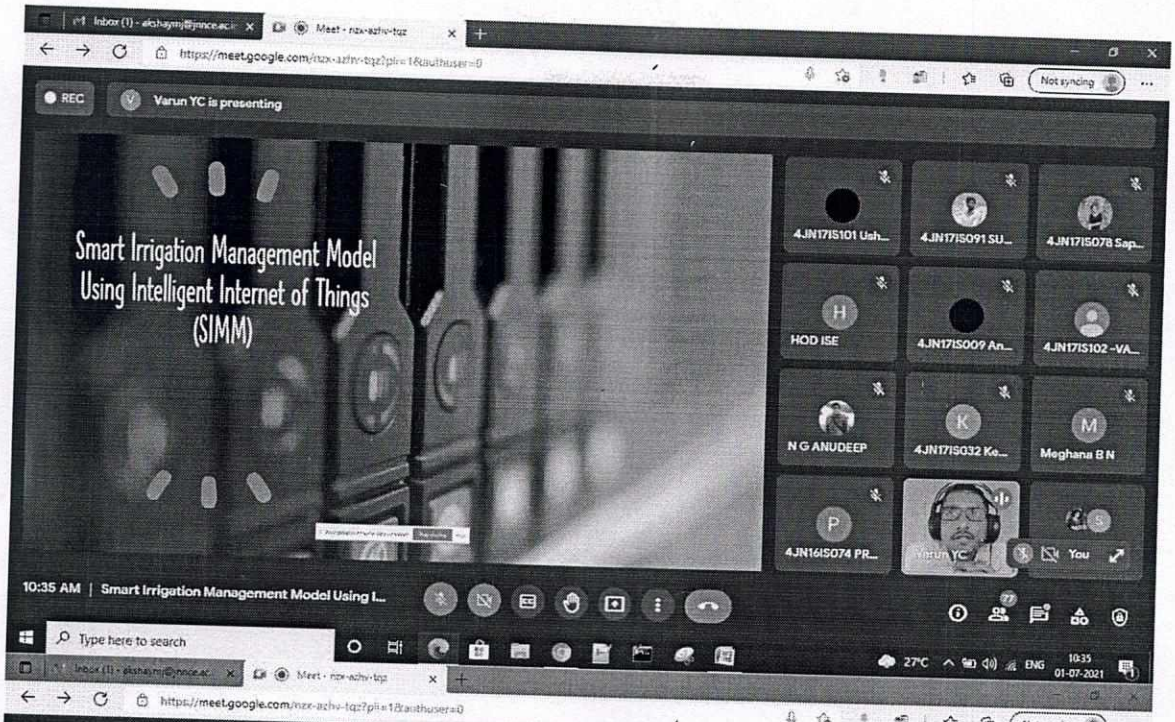
All the 8th semester students are hereby informed to attend the webinar.

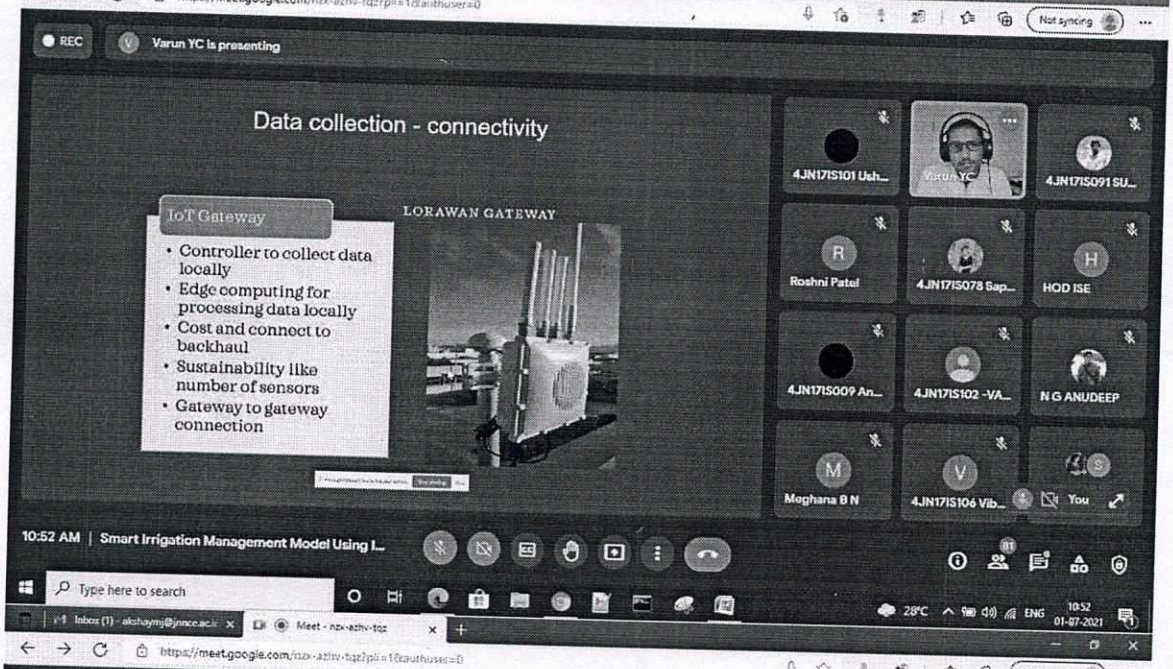
HoD, ISE

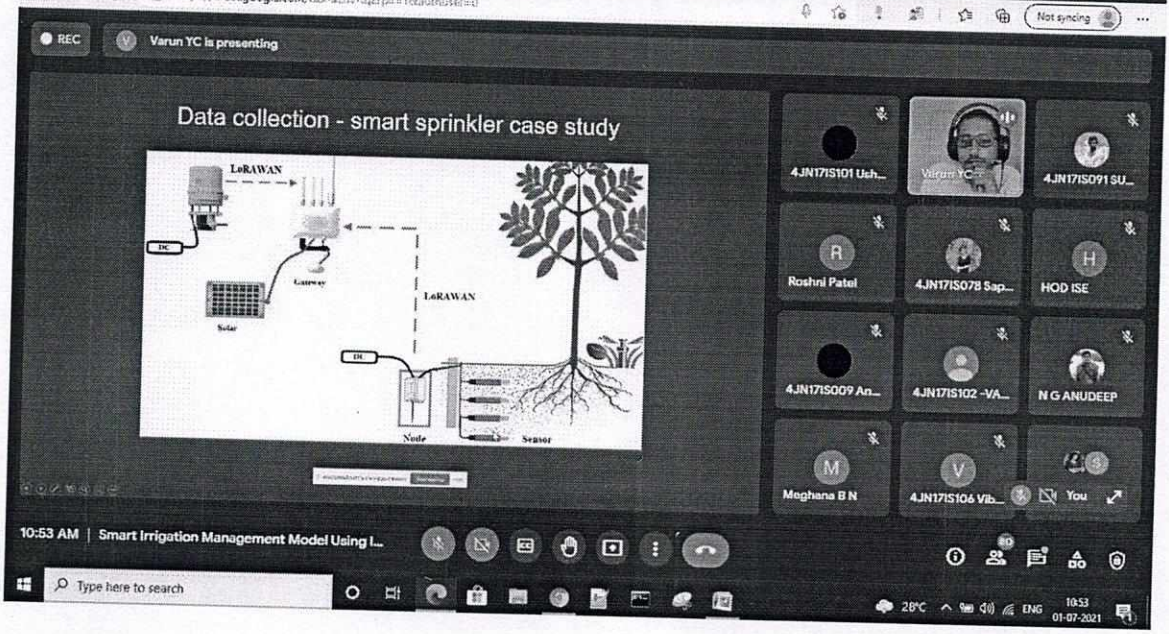
Event Coordinators
1. Vishwas C. G. M
2. Akshay M J

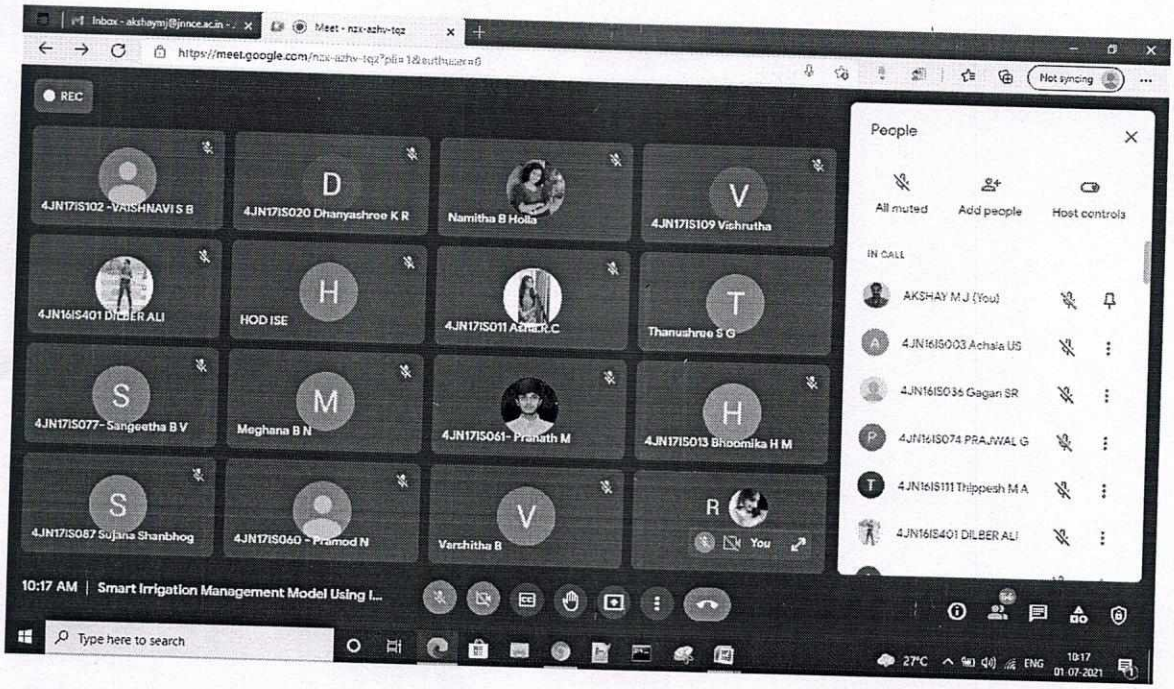
Professor and Head
Dept. of Information Science & Eng.
J.N.N. College of Engineering
SHIMOGA-577 204

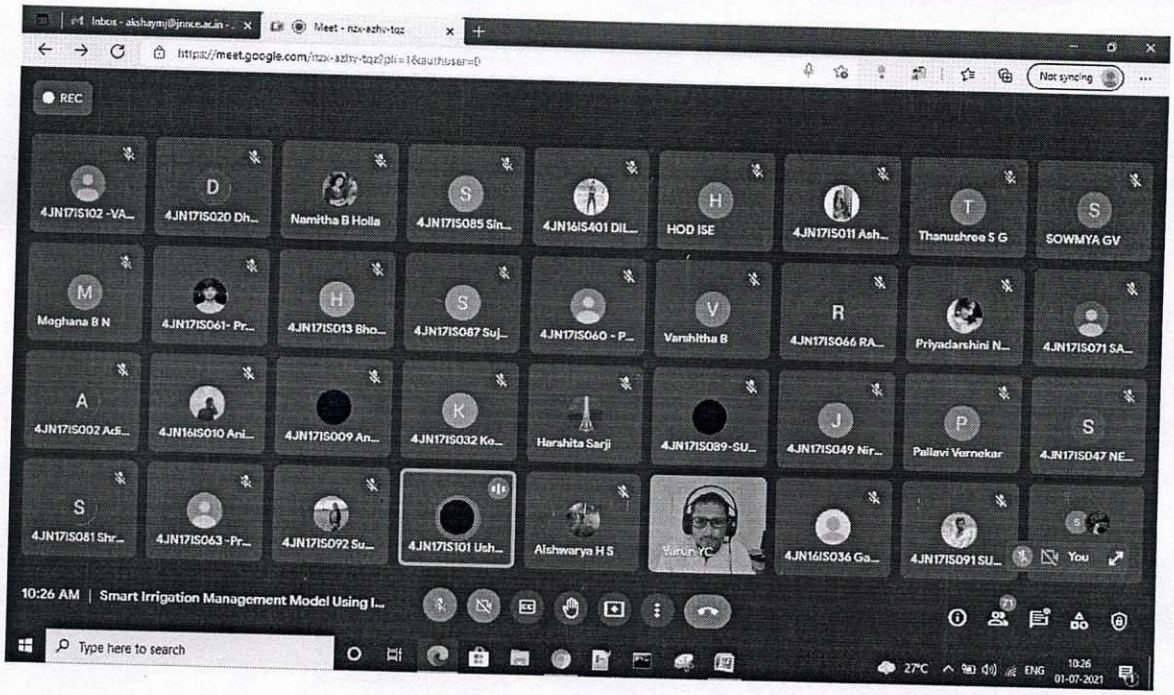

REC
Varun YC is presenting
Data collection – gateway to middleware
Metadata
Send Data
Raw
4JN17IS101 Usha Red...
Varun YC
4JN17IS091 SUNIL M S
4JN17IS078 Saptami ...
HOD ISE
4JN17IS009 Ankitha
4JN17IS102 -VAISHN...
N G ANUDEEP
4JN17IS106 Vibha B U
You
Smart Irrigation Management Model Using Intellige...


REC
Varun YC is presenting
Smart Irrigation Management Model Using Intelligent Internet of Things (SIMM)
4JN17IS101 Ush...
4JN17IS091 SU...
4JN17IS078 Sap...
HOD ISE
4JN17IS009 An...
4JN17IS102 -VA...
N G ANUDEEP
4JN17IS032 Ke...
Meghana B N
4JN16IS074 PR...
Varun YC
You
10:35 AM | Smart Irrigation Management Model Using I...
Type here to search
27°C
ENG
10:35
01-07-2021


REC
Varun YC is presenting
Data collection - connectivity
IoT Gateway
• Controller to collect data locally
• Edge computing for processing data locally
• Cost and connect to backhaul
• Sustainability like number of sensors
• Gateway to gateway connection
LORAWAN GATEWAY
4JN17IS101 Ush...
Varun YC
4JN17IS091 SU...
Roshni Patel
4JN17IS078 Sap...
HOD ISE
4JN17IS009 An...
4JN17IS102 -VA...
N G ANUDEEP
Meghana B N
4JN17IS106 Vib...
You
10:52 AM | Smart Irrigation Management Model Using I...
Type here to search
28°C
ENG
10:52
01-07-2021


REC
Varun YC is presenting
Data collection - smart sprinkler case study
LoRAWAN
DC
Gateway
Solar
LoRAWAN
DC
Node
Sensor
4JN17IS101 Ush...
Varun YC
4JN17IS091 SU...
Roshni Patel
4JN17IS078 Sap...
HOD ISE
4JN17IS009 An...
4JN17IS102 -VA...
N G ANUDEEP
Meghana B N
4JN17IS106 Vib...
You
10:53 AM | Smart Irrigation Management Model Using I...
Type here to search
28°C
ENG
10:53
01-07-2021


REC
People
All muted
Add people
Host controls
IN CALL
AKSHAY M J (You)
4JN16IS003 Achala US
4JN16IS036 Gagan SR
4JN16IS074 PRAJWAL G
4JN16IS111 Thippesh M A
4JN16IS401 DILBER ALI
4JN17IS102 -VAISHNAVI S B
4JN17IS020 Dhanyashree K R
Namitha B Holla
4JN17IS109 Vishrutha
4JN16IS401 DILBER ALI
HOD ISE
4JN17IS011 Ashok C
Thanushree S G
4JN17IS077- Sangeetha B V
Meghana B N
4JN17IS061- Pranath M
4JN17IS013 Bhoomika H M
4JN17IS087 Sujana Shanbhog
4JN17IS060 - Pramod N
Varshitha B
You
10:17 AM | Smart Irrigation Management Model Using I...
Type here to search
27°C
ENG
10:17
01-07-2021


REC
4JN17IS102 -VA...
4JN17IS020 Dh...
Namitha B Holla
4JN17IS085 Sin...
4JN16IS401 DIL...
HOD ISE
4JN17IS011 Ash...
Thanushree S G
SOWMYA GV
Meghana B N
4JN17IS061- Pr...
4JN17IS013 Bho...
4JN17IS087 Suj...
4JN17IS060 - P...
Varshitha B
4JN17IS066 RA...
Priyadarshini N...
4JN17IS071 SA...
4JN17IS002 Ad...
4JN16IS010 Ani...
4JN17IS009 An...
4JN17IS032 Ke...
Harshita Sarji
4JN17IS089-SU...
4JN17IS049 Nir...
Pallavi Varnekar
4JN17IS047 NE...
4JN17IS081 Shr...
4JN17IS063 -Pr...
4JN17IS092 Su...
4JN17IS101 Ush...
Aishwarya H S
Yamuna YC
4JN16IS036 Ga...
4JN17IS091 SU...
You
10:26 AM | Smart Irrigation Management Model Using I...
Type here to search
27°C
ENG
10:26
01-07-2021

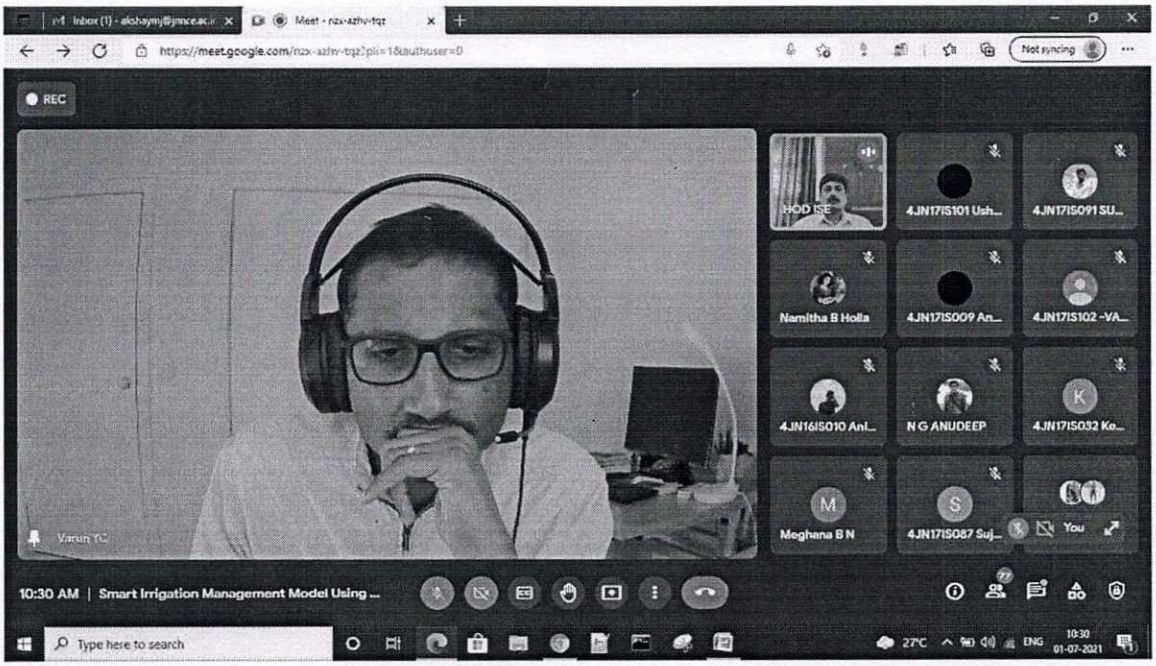
National Education Society (R.)

J N N College of Engineering, Shivamogga

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC – 'B',
UG Programs: CE, ME, EEE, ECE, CSE, ISE, TCE accredited by NBA: 1.7.2019 to 30.6.2022,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Information Science and Engineering

Photos of the Webinar "Smart Irrigation Management Model Using Intelligent Internet of Things" held on 1st July 2021, from 10.00AM to 11.30AM



National Education Society (R.)
J N N College of Engineering, Shivamogga
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC – 'B',
UG Programs: CE, ME, EEE, ECE, CSE, ISE, TCE accredited by NBA: 1.7.2019 to 30.6.2022,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)
Department of Information Science and Engineering

Date: 03-07-2021

Summary Report on Webinar "Smart Irrigation Management Model Using Intelligent Internet of Things"

Department of IS&E, JNNCE organized a webinar on ***"Smart Irrigation Management Model Using Intelligent Internet of Things"*** in association with CSI on 01-07-2021 using the Google meet (https://meet.google.com/nzx-azhv-tqz) platform. The resource person for the webinar was Mr. Varun Y.C., Director of Smart ICT Solution Pvt. Ltd., Melbourne, Australia. The event was coordinated by Mr. Vishwas C G M, Assistant Professor, Dept. of IS&E and Mr. Akshay M J, Assistant Professor, Dept. of IS&E.

On 1st July 2021, the webinar started at 10.15 am, Ms. Usha Reddy of 8th semester B section, welcomed the gathering, Ms. Sapthami B R of 8th semester B section introduced the Resource person and his achievements. Dr. R Sanjeev Kunte, Professor & HoD, Dept. of IS&E addressed the gathering and highlighted the importance of IoT. Teaching & Non teaching staff of IS&E, 8th semester students of IS&E were present.

The webinar covered the following topics:

- Introduction to Sensors
- Introduction to Smart Objects
- Application of IoT in Smart Irrigation
- Real time deployment of IoT application in collection of data
- Analytics of real time data

A total of 84 students attended the webinar. The webinar was well received by the audience. The webinar ended at 11.30 AM with a vote of thanks by Ms. Pallavi P, of 8th semester A section.

Event Coordinators

1. Vishwas C. G. M 03/7/21
2. Akshay M J 03/7/21

R.S.K 5/7/21
Professor & Head
Dept. of IS&E
(Dr. R Sanjeev Kunte)
Professor and Head
Dept. of Information Science & Eng.
J.N.N. College of Engineering