Report on

Emerging trends and advances in computational Intelligence

BABU BANARASI DAS
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(FORMERLY KNOWN A.. BABU BANARASI DAS NATIONAL INSTITUTE OF TECHNOLOGY AND MANAGEMENT)

Department of Computer Science & Engineering and Department of IT

ONE-WEEK FACULTY DEVELOPMENT PROGRAM
ON
EMERGING TRENDS AND ADVANCES IN COMPUTATIONAL INTELLIGENCE
(ETACi-2022)

IN COLLABORATION WITH TCS & ACM

28th Feb-05th Mar 2022

REGISTRATION DETAILS

Last Date of Registration: 26 Feb
Note: No Registration Fee
Participation e-Certificate will be given to all participants

Please Scan for Apply

RESOURCE PERSONS

CHIEF PATRON

Smt. Alka Das
Hon'ble Chairperson, BBDEG, Lucknow
Mr. Viraj Sagar Das
Hon'ble President BBDEG, Lucknow
Ms. Sonakshi Das
Hon'ble Vice President, BBDEG, Lucknow

PATRON

Prof.(Dr.) Shailendra Singh Chauhan
Director, BBDITM, Lucknow

CHIEF CONVENER

Dr. Manuj Darbari (Head-R&D)
Dr. Anurag Tiwari (Head CS&E)

CO-ORDINATORS

Mr. Gyanendra Dixit Mr. Ankit Kumar
Ms Eram Fatima

TECHNICAL COMMITTEE MEMBER

Mrs. Richa Sharma Mrs. Dolley Srivstava
Mr. Ankur Srivstava Mr. Asit Gahalaut
Mrs. Shailja Pandey Mrs. Nida Hasib
Mr. Sandeep Mishra Mr. Hemant Kumar
Mr. Girjesh Mishra Mr. Abhinav Singh

STUDENT COMMITTEE MEMBERS

Diwakar Tripathi Anil Shukl
Subhyang Kumar Sumit Agrahari

1. **Brief Description:**

   A one-week FDP is organized on **"Emerging trends and advances in computational Intelligence"** on 28/02/2022 to 05/03/2022 for the faculties of of B. Tech CSE under the supervision of Dr. Anurag Tiwari (Professor and Head CSE), Dr. Manuj Darbari, Mr. Gyanendra Dixit, Mr. Ankit, Ms. Eram Fatima.

2. **Program Date:** 28/02/2022 to 05/03/2022

3. **Resource Person:**

FDP SPEAKER'S		
28-Feb	Dr. Prashant R.Nair, Vice-Chairman, Internal Quality Assurance Cell (IQAC), Associate Professor, Dept. of Computer Science & Engg, Amrita School of Engineering, Amrita Vishwa Vidyapeetham (Deemed-to-be-University), Amrita Nagar P.O, Coimbatore, Tamil Nadu, India,	**Dr C Kishor Kumar Reddy** Associate Professor at Stanley College of Engineering and Technology for Women Hyderabad, Telangana, India
01-Mar	**Dr. Sudeep Tanwar** World's Top 2% Scientists (2020, 2021), Full Professor and PG Coordinator (CSE), Nirma University, Ahmedabad, India | SMIEEE | Associate Editor of IJCS-Wiley, COMCOM-Elsevier, CSA-Elsevier, Frontiers in Blockchain	**Dr. Sunil Kr Pandey** Professor & Director (IT & UG Campus) I.T.S, Mohan Nagar, Ghaziabad - 201007
02-Mar	**Mr. Kiran Kinnera** Senior Technical Officer 2 at CSIR-IIICT | AI Researcher	**Dr.R.SUJATHA**, Associate Professor, Department of Embedded Technology, School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vellore - 632014.
03-Mar	**Dr.Surya Prasath** Professor, Cincinnati Children's, University of Cincinnati, USA (TIME REQUESTED 9-11 AM IST)	**Ramya G** Assistant Professor-Senior Grade1 School of Information Technology and Engineering, Vellore Institute of Technology-Vellore campus Tamilnadu.
04-Mar	TCS	**Praba Karan** Associate Professor at Pontificia Universidad Javeriana Cali, Colombia.

05-Mar	**Dr. KM Ravi Eswar** Assistant Professor, Department of Electrical and Electronics Engineering, SRMIST-Kattankulathur	TCS

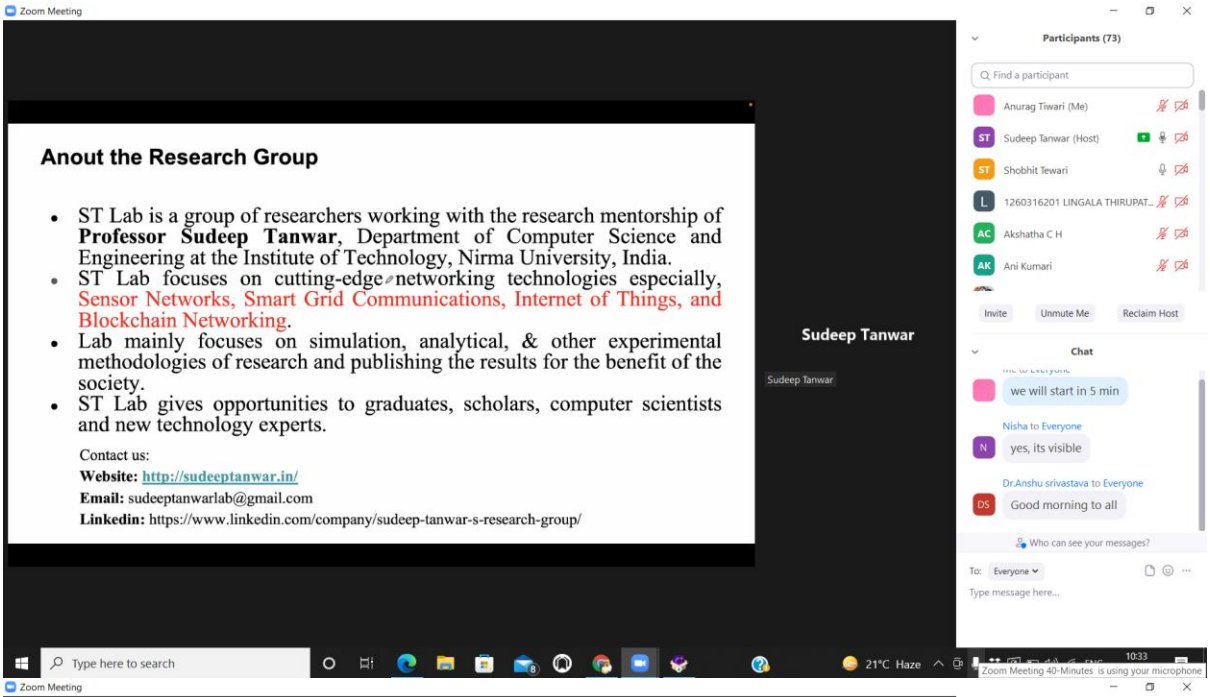
4. **Target Group:** Faculties of Computer Science and Engineering.

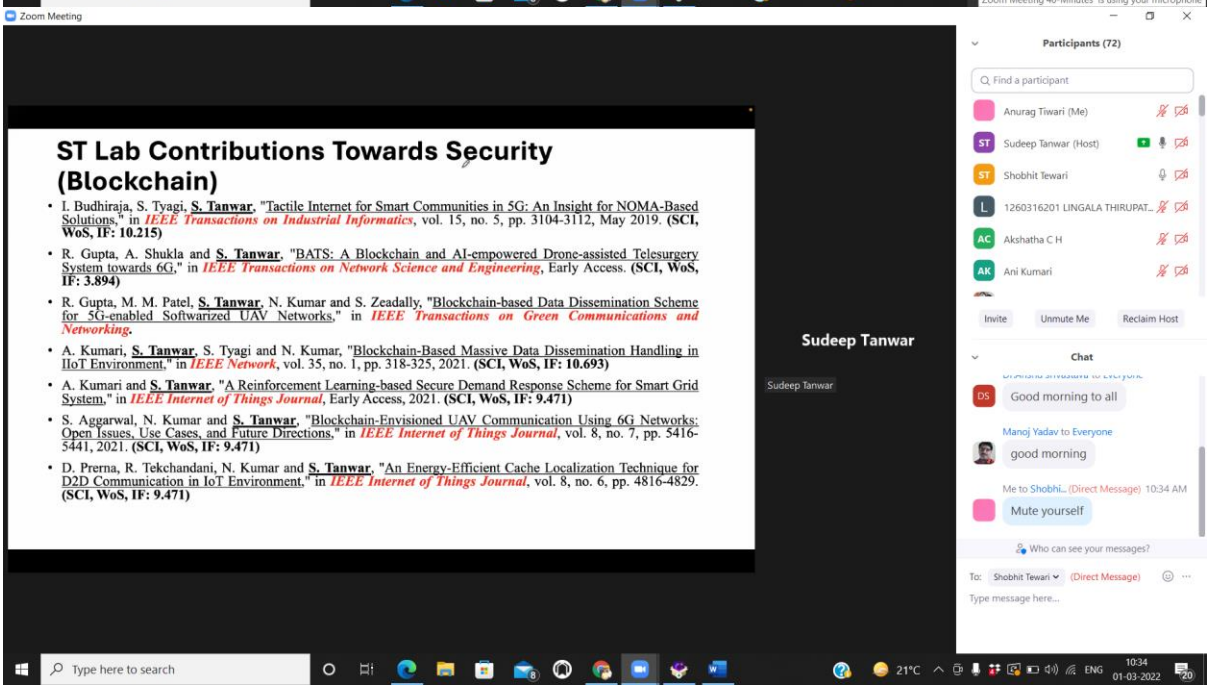
5. **Proposed Name of Faculty Coordinators:**
    1. Dr. Anurag Tiwari (HOD CSE)
    2. Dr. Manuj Darbari
    3. Mr. Gyanendra Dixit
    4. Mr. Ankit
    5. Ms. Eram Fatima

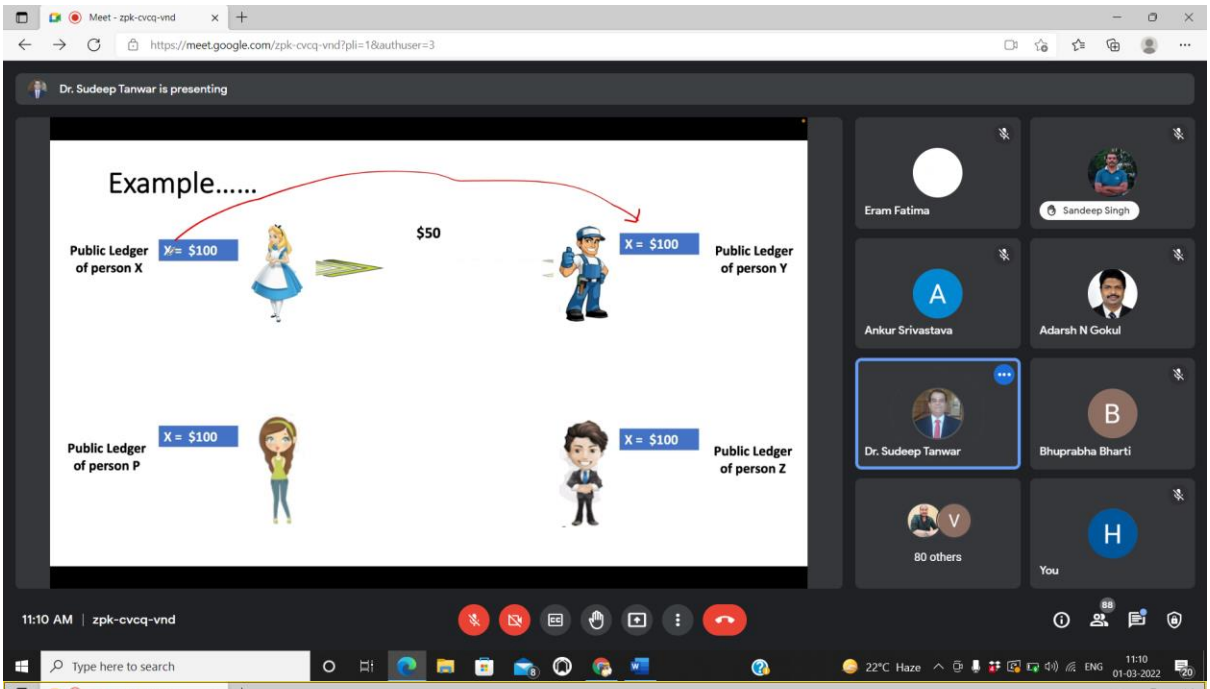
6. **Summary of the event:**

Department of Computer Science & Engineering, BBDITM, Lucknow organized an Interactive one-week FDP program on "**Emerging trends and advances in computational Intelligence**" on 28/02/2022 to 05/03/2022for the faculties of B. Tech CSE under the supervision of Dr. Anurag Tiwari (HOD CSE), Mr. Rudrendra Bahadur Singh, Dr. Neha Pandey, Dr. Preeti Mishra, Mr. Ashirwad Dubey, Mr. Vinay Kr. Yadav, Ms. Apoorva Srivastava

Event Photographs:

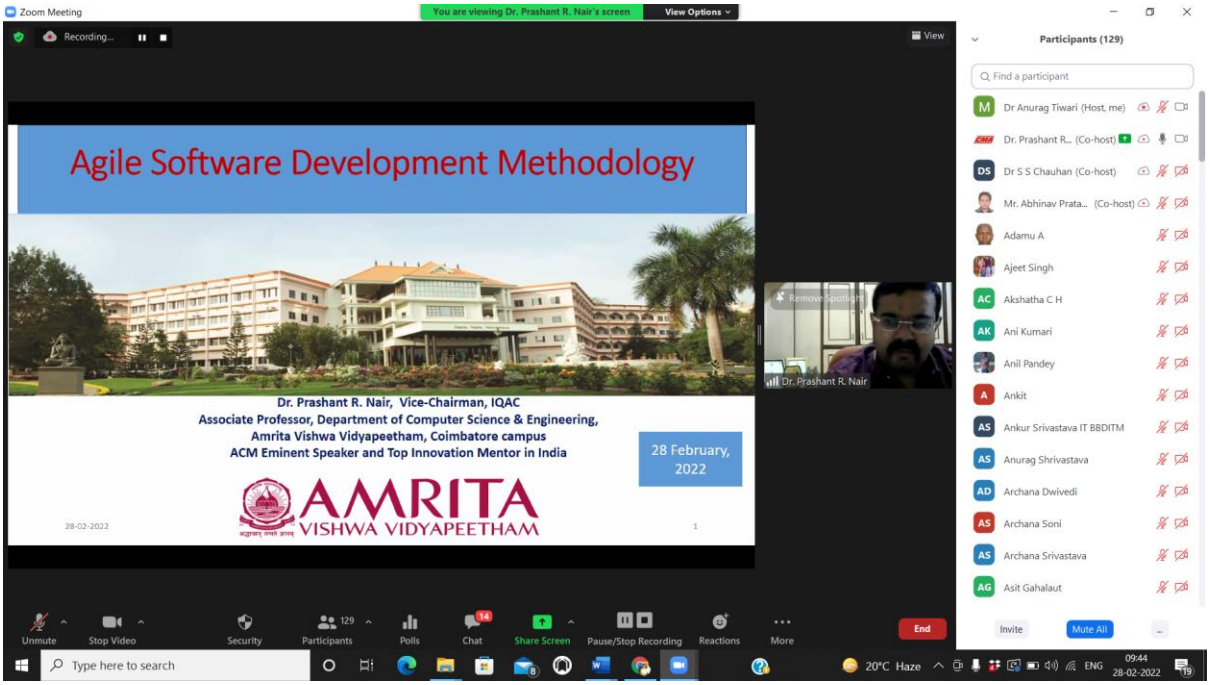

Zoom Meeting
Anout the Research Group
ST Lab is a group of researchers working with the research mentorship of Professor Sudeep Tanwar, Department of Computer Science and Engineering at the Institute of Technology, Nirma University, India.
ST Lab focuses on cutting-edge networking technologies especially, Sensor Networks, Smart Grid Communications, Internet of Things, and Blockchain Networking.
Lab mainly focuses on simulation, analytical, & other experimental methodologies of research and publishing the results for the benefit of the society.
ST Lab gives opportunities to graduates, scholars, computer scientists and new technology experts.
Contact us:
Website: http://sudeeptanwar.in/
Email: sudeeptanwarlab@gmail.com
Linkedin: https://www.linkedin.com/company/sudeep-tanwar-s-research-group/
Sudeep Tanwar
Sudeep Tanwar
Participants (73)
Find a participant
Anurag Tiwari (Me)
Sudeep Tanwar (Host)
Shobhit Tewari
1260316201 LINGALA THIRUPAT...
Akshatha C H
Ani Kumari
Invite
Unmute Me
Reclaim Host
Chat
we will start in 5 min
Nisha to Everyone
yes, its visible
Dr.Anshu srivastava to Everyone
Good morning to all
Who can see your messages?
To: Everyone
Type message here...
Type here to search
21°C Haze
10:33
Zoom Meeting 40-Minutes is using your microphone

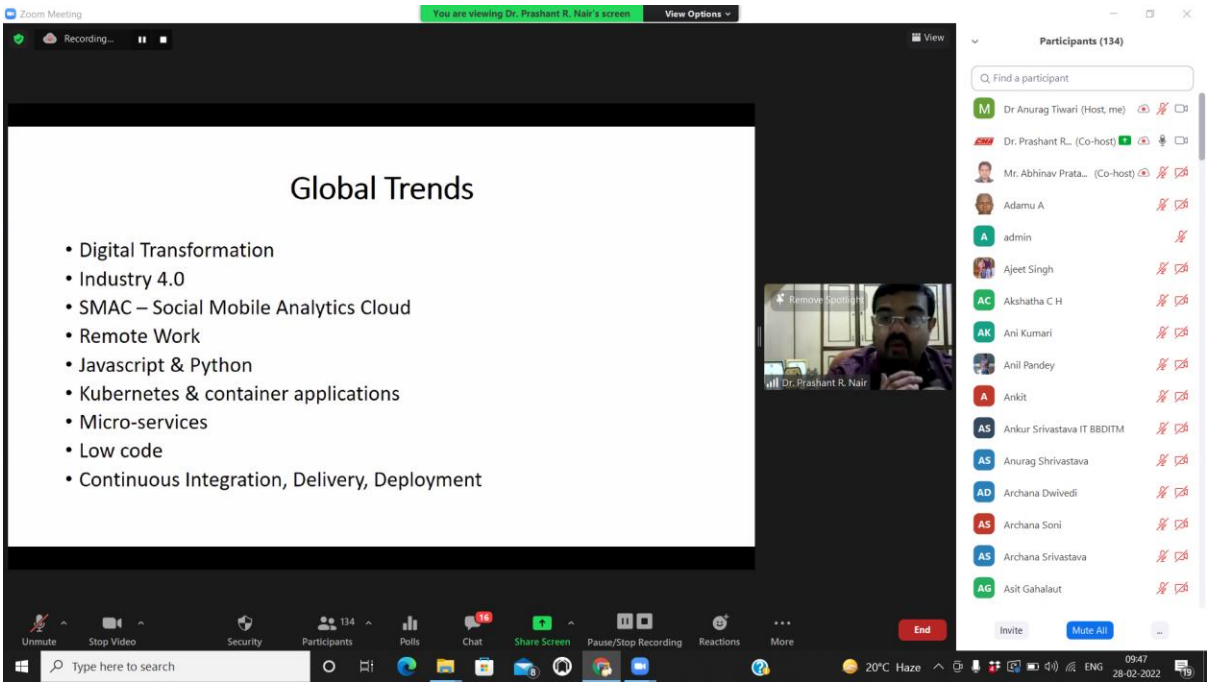

Zoom Meeting
ST Lab Contributions Towards Security (Blockchain)
I. Budhiraja, S. Tyagi, S. Tanwar, "Tactile Internet for Smart Communities in 5G: An Insight for NOMA-Based Solutions," in IEEE Transactions on Industrial Informatics, vol. 15, no. 5, pp. 3104-3112, May 2019. (SCI, WoS, IF: 10.215)
R. Gupta, A. Shukla and S. Tanwar, "BATS: A Blockchain and AI-empowered Drone-assisted Telesurgery System towards 6G," in IEEE Transactions on Network Science and Engineering, Early Access. (SCI, WoS, IF: 3.894)
R. Gupta, M. M. Patel, S. Tanwar, N. Kumar and S. Zeadally, "Blockchain-based Data Dissemination Scheme for 5G-enabled Softwarized UAV Networks," in IEEE Transactions on Green Communications and Networking.
A. Kumari, S. Tanwar, S. Tyagi and N. Kumar, "Blockchain-Based Massive Data Dissemination Handling in IIoT Environment," in IEEE Network, vol. 35, no. 1, pp. 318-325, 2021. (SCI, WoS, IF: 10.693)
A. Kumari and S. Tanwar, "A Reinforcement Learning-based Secure Demand Response Scheme for Smart Grid System," in IEEE Internet of Things Journal, Early Access, 2021. (SCI, WoS, IF: 9.471)
S. Aggarwal, N. Kumar and S. Tanwar, "Blockchain-Envisioned UAV Communication Using 6G Networks: Open Issues, Use Cases, and Future Directions," in IEEE Internet of Things Journal, vol. 8, no. 7, pp. 5416-5441, 2021. (SCI, WoS, IF: 9.471)
D. Prerna, R. Tekchandani, N. Kumar and S. Tanwar, "An Energy-Efficient Cache Localization Technique for D2D Communication in IoT Environment," in IEEE Internet of Things Journal, vol. 8, no. 6, pp. 4816-4829. (SCI, WoS, IF: 9.471)
Sudeep Tanwar
Sudeep Tanwar
Participants (72)
Find a participant
Anurag Tiwari (Me)
Sudeep Tanwar (Host)
Shobhit Tewari
1260316201 LINGALA THIRUPAT...
Akshatha C H
Ani Kumari
Invite
Unmute Me
Reclaim Host
Chat
Good morning to all
Manoj Yadav to Everyone
good morning
Me to Shobhi... (Direct Message) 10:34 AM
Mute yourself
Who can see your messages?
To: Shobhit Tewari (Direct Message)
Type message here...
Type here to search
21°C
ENG
10:34
01-03-2022


Meet - zpk-cvcq-vnd
https://meet.google.com/zpk-cvcq-vnd?pli=1&authuser=3
Dr. Sudeep Tanwar is presenting
Example.....
Public Ledger of person X
X = $100
$50
X = $100
Public Ledger of person Y
Public Ledger of person P
X = $100
X = $100
Public Ledger of person Z
Eram Fatima
Sandeep Singh
Ankur Srivastava
Adarsh N Gokul
Dr. Sudeep Tanwar
Bhuprabha Bharti
80 others
You
11:10 AM | zpk-cvcq-vnd
Type here to search
22°C Haze
ENG
11:10
01-03-2022

Meet - zpk-cvcq-vnd
https://meet.google.com/zpk-cvcq-vnd?pli=1&authuser=3
Dr. Sudeep Tanwar is presenting
Potential Blockchain Applications of National Interest
Trade finance
Real Estate
Crypto currencies
Legal
Healthcare
Banking
Internet of Things
Crowd-funding
Sharing Economy
Supply Chain
Insurance
IT Cloud Storage
Transfer of Land Records (Property Record Management)
Digital Certificates Management (Education, Death, Birth, agreements, sale, deeds ...)
Pharmaceutical supply chain
e-Notary Service (Blockchain enabled e-Sign Solution)
Farm Insurance
Identity management
Power distribution
Duty payments
Agriculture and other supply chains
eVoting
Electronic Health Record Management
Digital Evidence Management System
Public Service Delivery
IoT Device Management and Security
Vehicle lifecycle management
Chit fund operations administration
Microfinance for Self-Help Groups (SHG)
Source: Government of India Ministry of Electronics and Information Technology (MeitY) January 2021
Vandana Tripathi
Mr. Abhinav Pratap Singh
Ankur Srivastava
Eram Fatima
Dr. Sudeep Tanwar
Bhuprabha Bharti
89 others
You
11:57 AM | zpk-cvcq-vnd
Type here to search
24°C
ENG
11:57
01-03-2022

Remove Spotlight
Recording...
View
Dr Anurag Tiwari
Meenakshi Alluru
Ankit
Ankit
Gyanendra Kumar
Prof. Girjesh Mishra
Dr. Prashant R. Nair
Mute My Audio (Alt+A)
Mute
Stop Video
Security
127
Participants
Polls
13
Chat
Share Screen
Pause/Stop Recording
Reactions
More
End


Zoom Meeting
You are viewing Dr. Prashant R. Nair's screen
View Options
Recording...
View
Agile Software Development Methodology
Dr. Prashant R. Nair, Vice-Chairman, IQAC
Associate Professor, Department of Computer Science & Engineering,
Amrita Vishwa Vidyapeetham, Coimbatore campus
ACM Eminent Speaker and Top Innovation Mentor in India
28 February, 2022
AMRITA
VISHWA VIDYAPEETHAM
28-02-2022
1
Dr. Prashant R. Nair
Participants (129)
Find a participant
Dr Anurag Tiwari (Host, me)
Dr. Prashant R... (Co-host)
Dr S S Chauhan (Co-host)
Mr. Abhinav Prata... (Co-host)
Adamu A
Ajeet Singh
Akshatha C H
Ani Kumari
Anil Pandey
Ankit
Ankur Srivastava IT BBDITM
Anurag Shrivastava
Archana Dwivedi
Archana Soni
Archana Srivastava
Asit Gahalaut
Invite
Mute All
Unmute
Stop Video
Security
129
Participants
Polls
14
Chat
Share Screen
Pause/Stop Recording
Reactions
More
End
Type here to search
20°C Haze
ENG
09:44
28-02-2022


Zoom Meeting
You are viewing Dr. Prashant R. Nair's screen
View Options
Recording...
View
Global Trends
• Digital Transformation
• Industry 4.0
• SMAC – Social Mobile Analytics Cloud
• Remote Work
• Javascript & Python
• Kubernetes & container applications
• Micro-services
• Low code
• Continuous Integration, Delivery, Deployment
Remove Spotlight
Dr. Prashant R. Nair
Participants (134)
Find a participant
Dr Anurag Tiwari (Host, me)
Dr. Prashant R... (Co-host)
Mr. Abhinav Prata... (Co-host)
Adamu A
admin
Ajeet Singh
Akshatha C H
Ani Kumari
Anil Pandey
Ankit
Ankur Srivastava IT BBDITM
Anurag Shrivastava
Archana Dwivedi
Archana Soni
Archana Srivastava
Asit Gahalaut
Invite
Mute All
Unmute
Stop Video
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Polls
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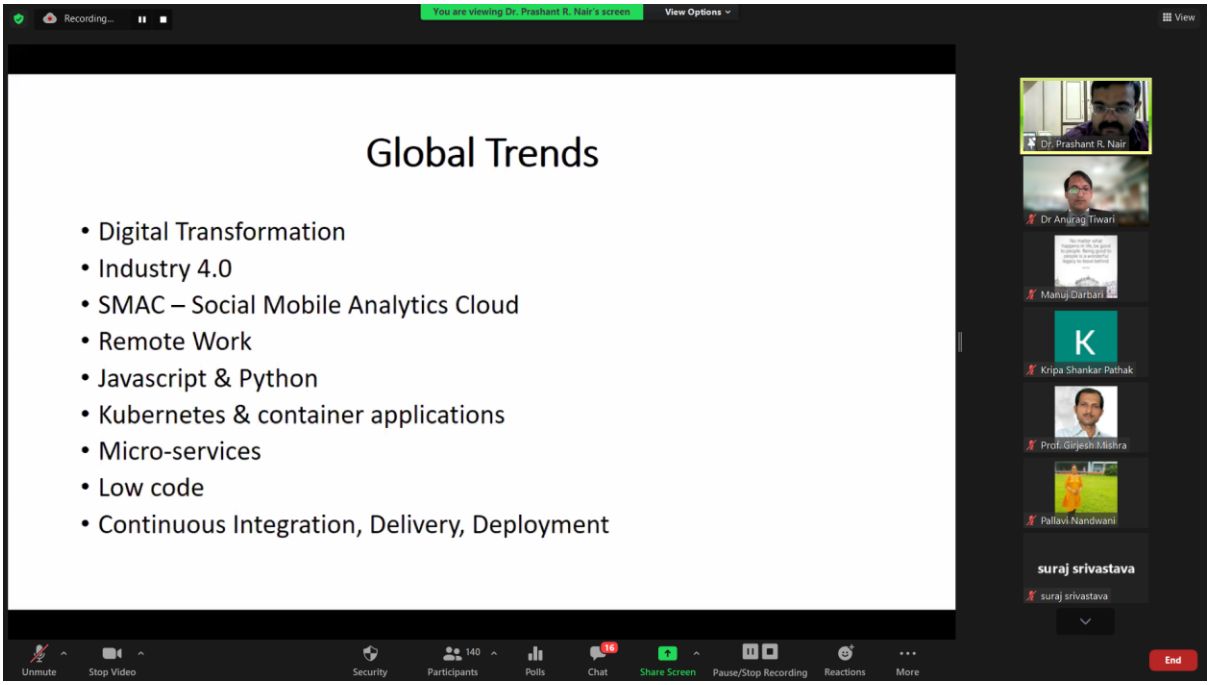
09:47
28-02-2022


Recording...
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Global Trends
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• SMAC – Social Mobile Analytics Cloud
• Remote Work
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• Kubernetes & container applications
• Micro-services
• Low code
• Continuous Integration, Delivery, Deployment
Dr. Prashant R. Nair
Dr Anurag Tiwari
Manuj Darbari
K
Kripa Shankar Pathak
Prof. Girjesh Mishra
Pallavi Nandwani
suraj srivastava
suraj srivastava
Unmute
Stop Video
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Polls
Chat
Share Screen
Pause/Stop Recording
Reactions
More
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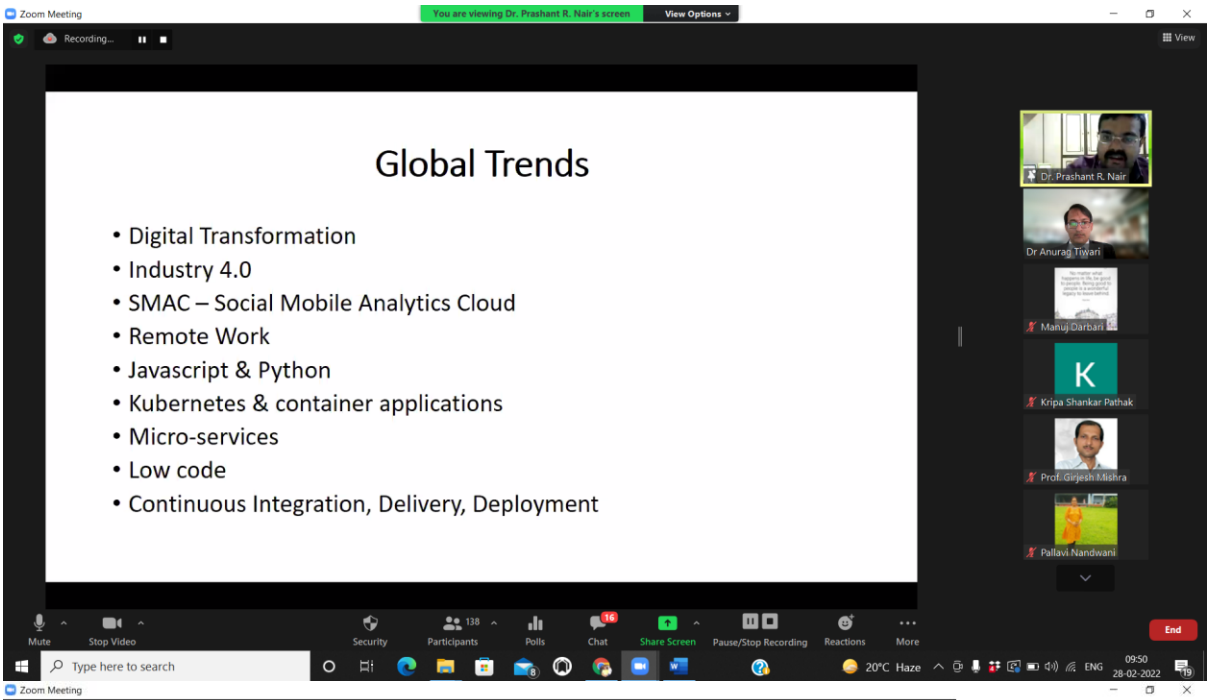
Zoom Meeting
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Global Trends
• Digital Transformation
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Dr Anurag Tiwari
Manuj Darbari
Kripa Shankar Pathak
Prof. Girjesh Mishra
Pallavi Nandwani
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138
Polls
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Share Screen
Pause/Stop Recording
Reactions
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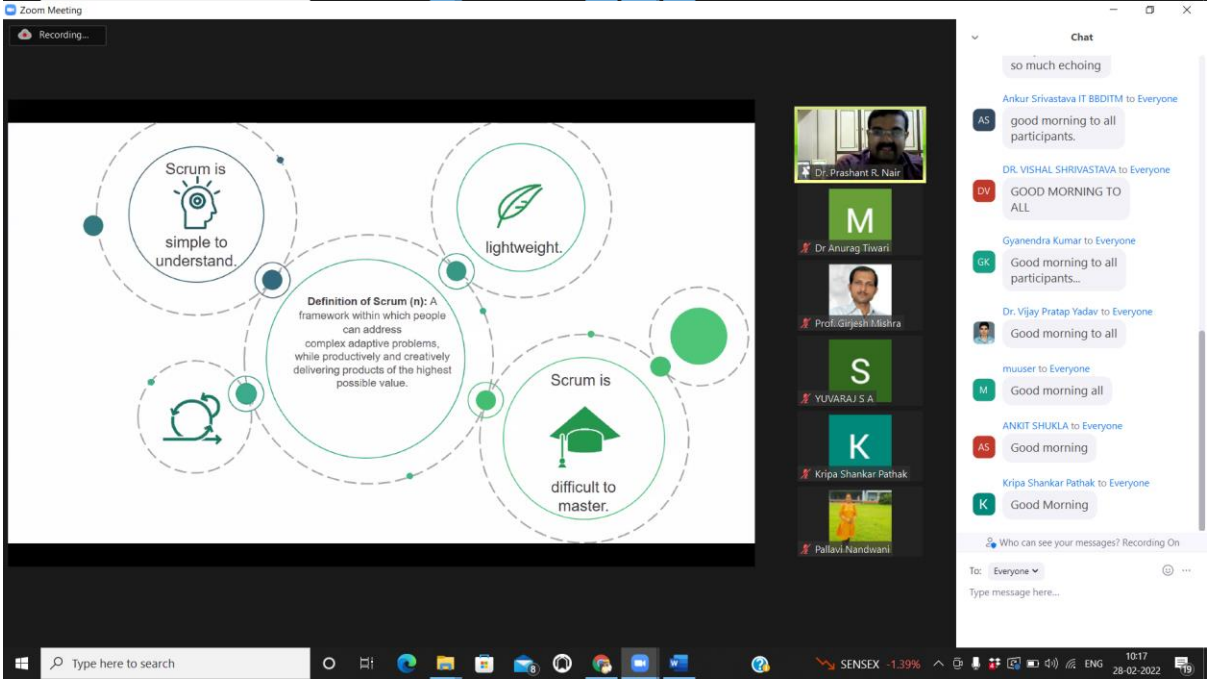
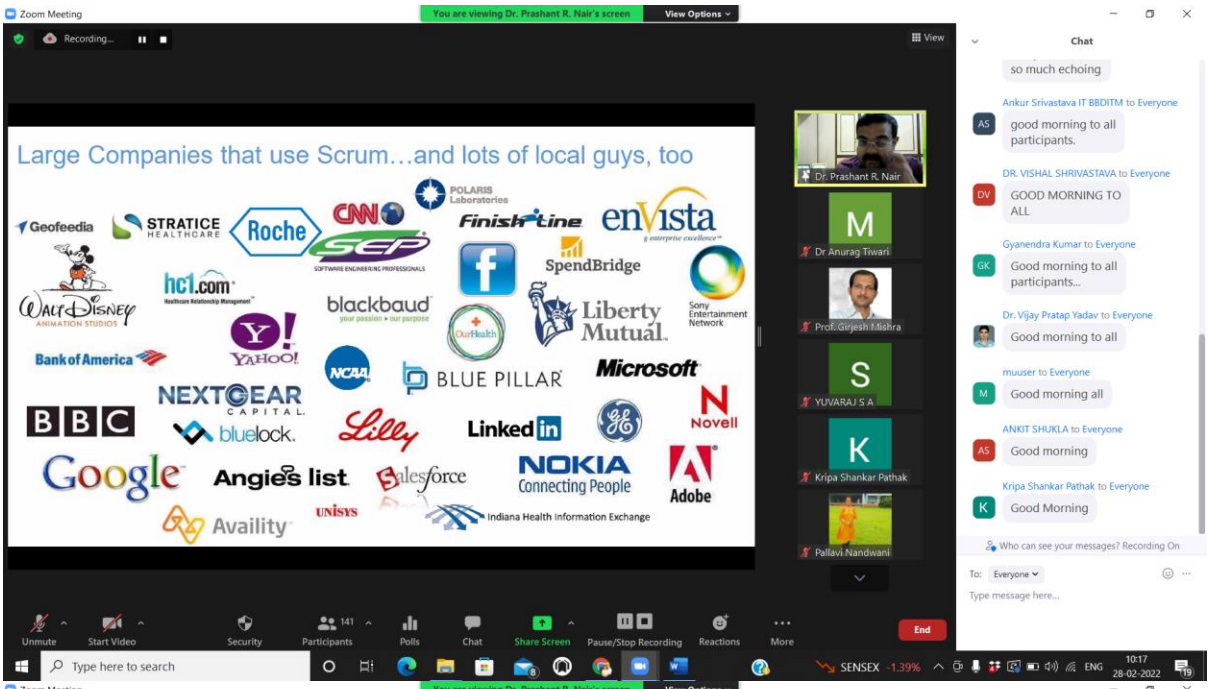
28-02-2022


Zoom Meeting
Recording...
Scrum is
simple to understand.
lightweight.
Definition of Scrum (n): A framework within which people can address complex adaptive problems, while productively and creatively delivering products of the highest possible value.
Scrum is
difficult to master.
Dr. Prashant R. Nair
Dr Anurag Tiwari
Prof. Girjesh Mishra
YUVARAJ S A
Kripa Shankar Pathak
Pallavi Nandwani
Chat
so much echoing
Ankur Srivastava IT BBDITM to Everyone
good morning to all participants.
DR. VISHAL SHRIVASTAVA to Everyone
GOOD MORNING TO ALL
Gyanendra Kumar to Everyone
Good morning to all participants...
Dr. Vijay Pratap Yadav to Everyone
Good morning to all
muuser to Everyone
Good morning all
ANKIT SHUKLA to Everyone
Good morning
Kripa Shankar Pathak to Everyone
Good Morning
Who can see your messages? Recording On
To: Everyone
Type message here...
Type here to search
SENSEX -1.39%
ENG
10:17
28-02-2022


Zoom Meeting
You are viewing Dr. Prashant R. Nair's screen
View Options
Recording...
View
Large Companies that use Scrum…and lots of local guys, too
Geofeedia
STRATICE HEALTHCARE
Roche
CNN
POLARIS Laboratories
FinishLine
envista
SEP
SpendBridge
hc1.com
blackbaud
Liberty Mutual
Sony Entertainment Network
Walt Disney Animation Studios
Bank of America
YAHOO!
NCAA
BLUE PILLAR
Microsoft
NEXTGEAR CAPITAL
BBC
bluelock.
Lilly
LinkedIn
Novell
Google
Angie's list
Salesforce
NOKIA Connecting People
Adobe
Availity
UNISYS
Indiana Health Information Exchange
Dr. Prashant R. Nair
Dr Anurag Tiwari
Prof. Girjesh Mishra
YUVARAJ S A
Kripa Shankar Pathak
Pallavi Nandwani
Chat
so much echoing
Ankur Srivastava IT BBDITM to Everyone
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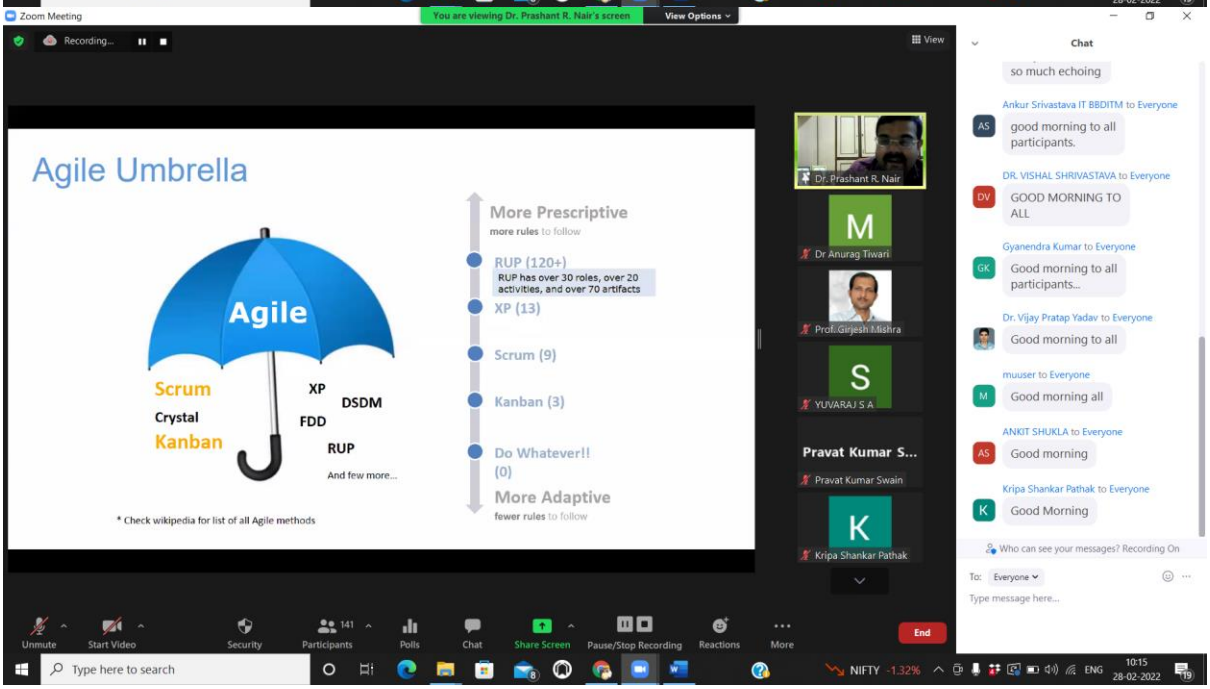
Good morning to all
muuser to Everyone
Good morning all
ANKIT SHUKLA to Everyone
Good morning
Kripa Shankar Pathak to Everyone
Good Morning
Who can see your messages? Recording On
To: Everyone
Type message here...
Unmute
Start Video
Security
Participants
Polls
Chat
Share Screen
Pause/Stop Recording
Reactions
More
End
Type here to search
SENSEX -1.39%
ENG
10:17
28-02-2022


Zoom Meeting
You are viewing Dr. Prashant R. Nair's screen
View Options
Recording...
View
Agile Umbrella
Agile
Scrum
Crystal
Kanban
XP
DSDM
FDD
RUP
And few more...
* Check wikipedia for list of all Agile methods
More Prescriptive
more rules to follow
RUP (120+)
RUP has over 30 roles, over 20 activities, and over 70 artifacts
XP (13)
Scrum (9)
Kanban (3)
Do Whatever!! (0)
More Adaptive
fewer rules to follow
Dr. Prashant R. Nair
Dr Anurag Tiwari
Prof. Girjesh Mishra
YUVARAJ S A
Pravat Kumar S...
Pravat Kumar Swain
Kripa Shankar Pathak
Chat
so much echoing
Ankur Srivastava IT BBDITM to Everyone
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Good morning to all
muuser to Everyone
Good morning all
ANKIT SHUKLA to Everyone
Good morning
Kripa Shankar Pathak to Everyone
Good Morning
Who can see your messages? Recording On
To: Everyone
Type message here...
Unmute
Start Video
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Participants
Polls
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Share Screen
Pause/Stop Recording
Reactions
More
End
Type here to search
NIFTY -1.32%
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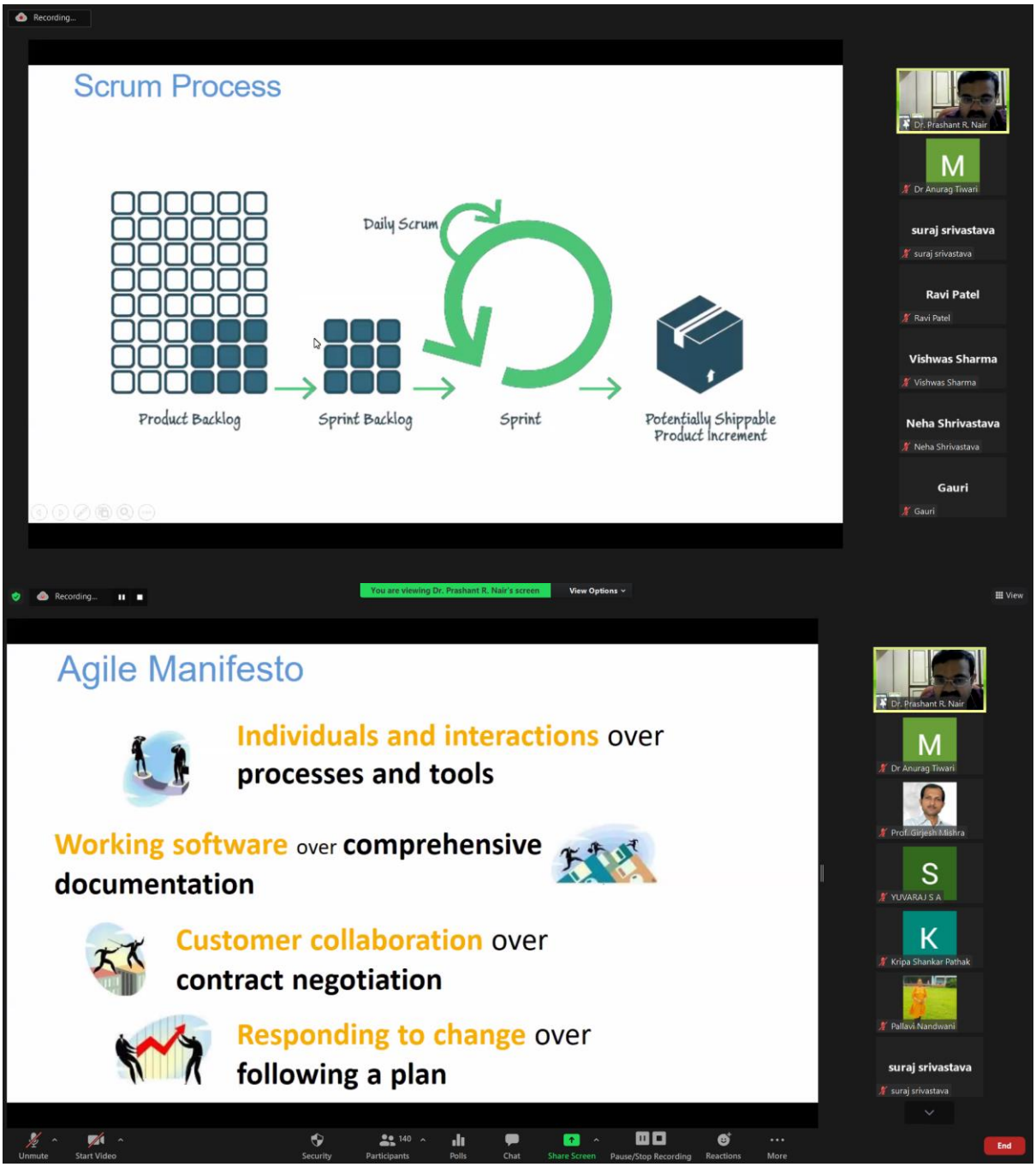
28-02-2022


Recording...
Scrum Process
Daily Scrum
Product Backlog
Sprint Backlog
Sprint
Potentially Shippable Product Increment
Dr. Prashant R. Nair
Dr Anurag Tiwari
suraj srivastava
Ravi Patel
Vishwas Sharma
Neha Shrivastava
Gauri
You are viewing Dr. Prashant R. Nair's screen
View Options
View
Agile Manifesto
Individuals and interactions over processes and tools
Working software over comprehensive documentation
Customer collaboration over contract negotiation
Responding to change over following a plan
Prof. Girjesh Mishra
YUVARAJ S A
Kripa Shankar Pathak
Pallavi Nandwani
Unmute
Start Video
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Participants
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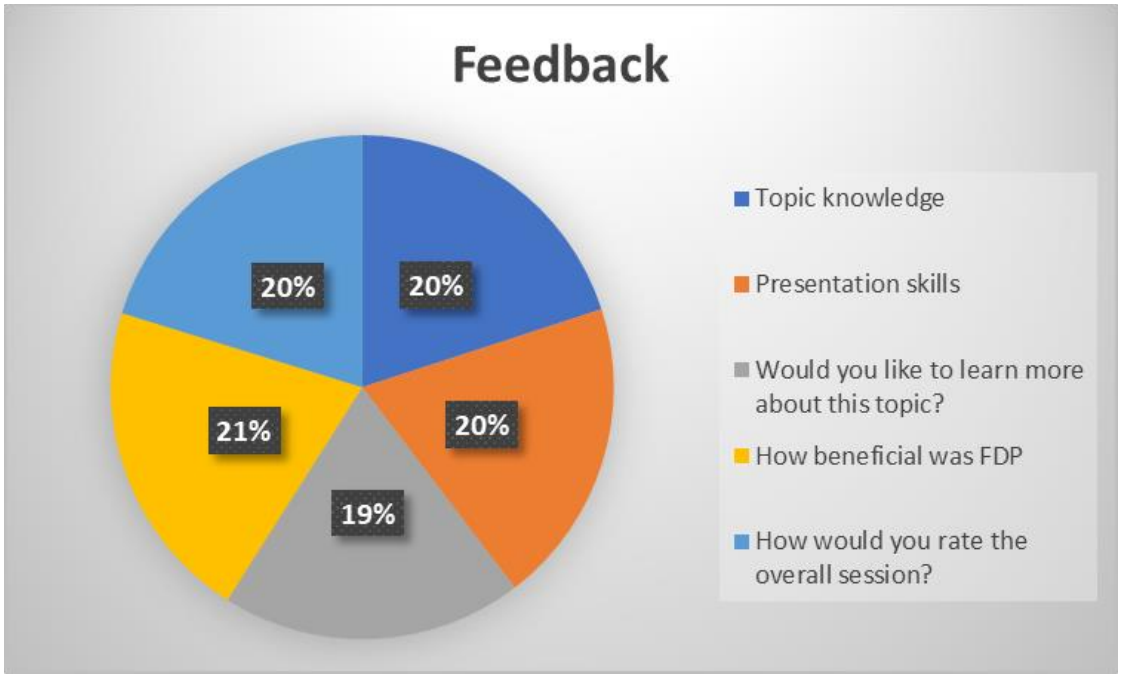
Polls
Chat
Share Screen
Pause/Stop Recording
Reactions
More
End

FEED BACK REPORT

Here are some parameters on which the feedback is recorded by the participants.