National Webinar series on CTIT webinar series in

The National Webinar Series on Current Trends in IT 2020 was organized by Dept. of MCA, JSPM's RSCOE, Pune-33, for the Participant including Students, Faculties, Industrial persons etc. The total 1600 participant registered the event from all over the India including Coimbatore, Bangalore, Gujarat, Chattisgad, Bhopal, Bihar, Indore and Maharashtra. The total 14 Speakers all across the India from reputed institutes and industry delivered the speeches in the National Webinar Series including NIT Bhopal, Navrachana University, Baroda, Ganpat University, Gujarat, Panjabi University, Patiyala, Anand Agricultural University, Anand, Thapar University, Patiala, MS University, Baroda, Banathali University, Unicast Automation Pvt. Ltd, Bangalore, Infosys, Pune, Amity University, Noida, MS Engineering College, Bangalore, PP Savani University, Surat. The details of the same are as follows. The flyer of the day 1 is as follows

The inaugural Session started with welcome speech by Prof. Rinku Dulloo, HOD, and MCA. Followed by Speech given by Dr. Jain Sir, Director, RSCOE. Then Prof. Anil Bhosale, sir highlighted the importance of National Webinar series. The seminar details were given Dr. Binod Kumar, Convener of Event. Followed by the inaugural speech was given by Dr. Amol Goje, BOS, Chairman, Computer Management, SPPU University, Pune. In his speech sir covered points related to IT revolution from desk top to palm tab and mobile devices and he touched to different operating platforms including android, IOS etc. Sir further elaborated the how IT is influence by IOT and Data Science.

At last the vote of thank was given by Dr. B M. Bandgar, Coordinator of Event. Followed by Prof. Gaurav Gaharwar sir delivered the speech on Machine Learning Aspects. Sir elaborated the different types of Machine learning algorithms including supervised, unsupervised, reinforcement and Regression Machine learning Algorithms.
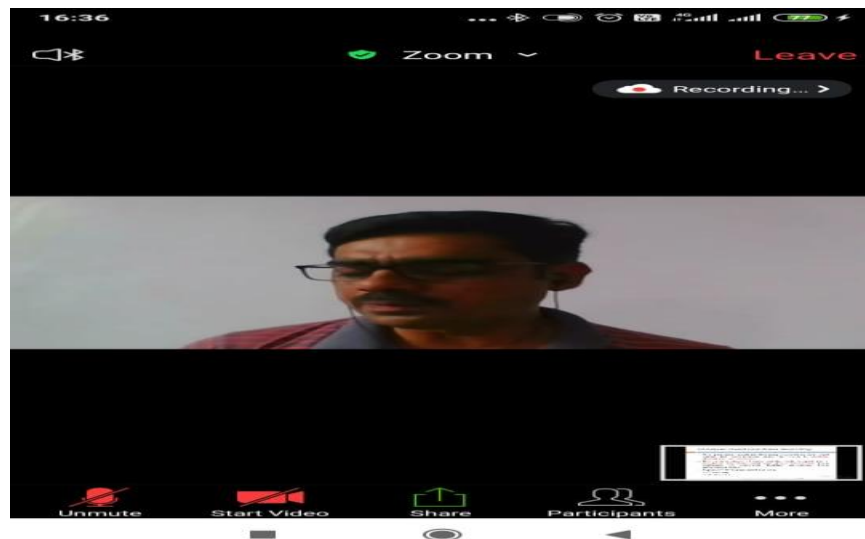
Day 1, session 2 was conducted by Dr. Nirbhay Choubey, He elaborated different aspect of the computer networks. He covered the different layers of TCP/IP Model, including application layer, transport layer, network etc. Also he explored the participants to Wire shark Tool, through which how data packets can be captured and analyzed for different protocols such as TCP, HTTP protocols etc.

Day 2 Session1 was conducted by Dr. Himanshu Agarwal, covered the Research Methodology. He elaborated the objective of the Research, criteria of good research etc. Further he focused on the different resources of Research Doaj, UCSD, freefaflex.com, Openj Gate.com, Vlib.org, informine.ucr.ed, intute.ac.uk, vos.u etc. Then showcased the different publication organization.
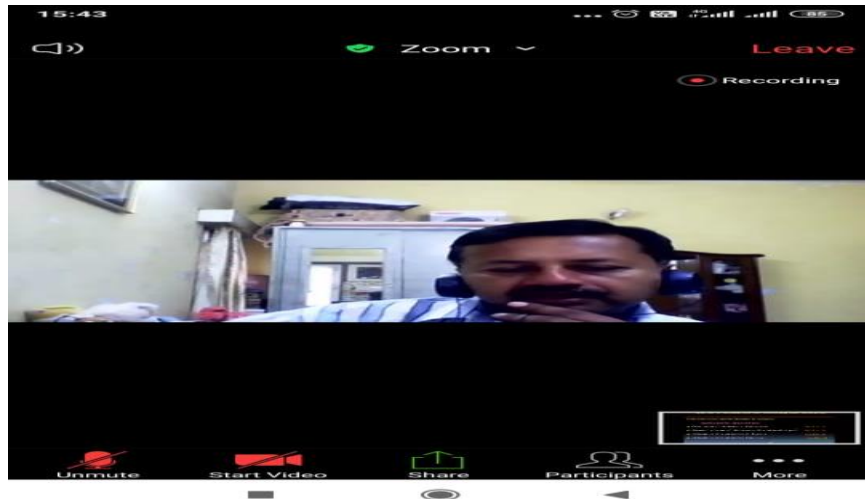

Followed by Dr. Ghanshyam Thakur covered Machine Learning algorithm in details with examples of K-Means, Graph clustering method and k-spanning tree and shared nearest neighbor clustering and betweeness centrality.

Day 2 session 3 was conducted by Dr. Chetan Dudhagara, covered applications of IOT in agriculture. He briefed about the IOT and its Evolution. Further he covered aspect of Precision Farming, tools used for the same including GIS, GPS, and Sensors etc. He also covered usage of drown in agriculture in mapping, surveying and role of smart green house and touched to future farms.

Day 3, session was conducted by Dr. Rajendra Raul; covered the aspects of extension of Machine learning using ELM model and its architure. He also compared the ELM model results with the other Machine Learning algorithms and explained how ELM gives improved performance.
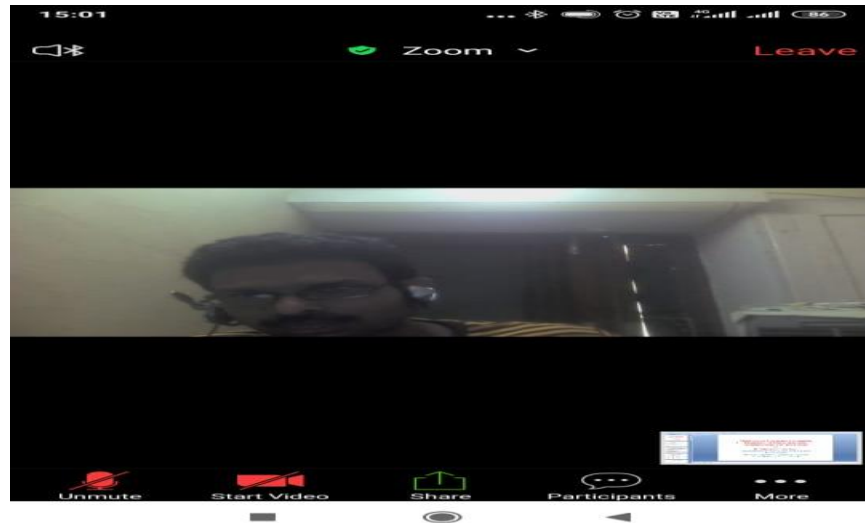
Followed by Dr. Apurva Shaha, covered the aspects of Swarn Intelligence and its applications. He discussed the basics of Swarn intelligence and gave example of fish spooling. Further he covered the technique of Ant colony Optimization thoroughly with an example of how ants optimize their path by leaving behind Pheuroma. Sir also covered the Travel Salesman Problem using ACO and using Heuristic approach and told the application of ACO in routing and scheduling etc.

Day 3, session3 was conducted by Dr. Nisheeth Joshi, discussed the aspect of Symmetric processes including what is semantic, shallow semantic, name entity recognition etc. He further elaborated the process in the Natural Language Processing including information extraction, Association in entity and its ambiguities. Further sir covered knowledge based WSD and LESK's algorithm for best sense of words. He also covered modified Lesk's algorithm for language

transformation using Bags of words and discussed different classification algorithms including Navier Bayes and its interference and disclosure analysis.

Day 4 session 1 was conducted by Mr. Jai Kumar, covered the aspects of Devopps, including its history, evolution and its adoption. Further he covered concept of continuous integration, deployment, SD pipe line and automated tests. He also covered applications of monitoring and feedback solutions to continuous delivery Framework


Followed by Dr. Prof. Gaurav Gaharwar, coved the Machine learning Support Vector Machine algorithm. He elaborated the different applications of SVM including interface detection, text

classification, Image classification etc. Further he demonstrated the implementation of SVM using Google-Colab in python and discussed its results using confusion matrix.


Day 4 session 3 was conducted by Mr. Shahaji dhole, explored the tool ELK-open Source for extraction, Integration and analysis of logs, transaction of user interaction with application upload on the websites. He also discussed the basics of Application performance Management (APM) and its need. Further he discussed details of architecture of ELK and discussed how ELK-APM is integrated with Tomcat and MySQL. He also gave demonstration of APM using Kibana and explained how transaction logs can be analyzed and measured the performance test.
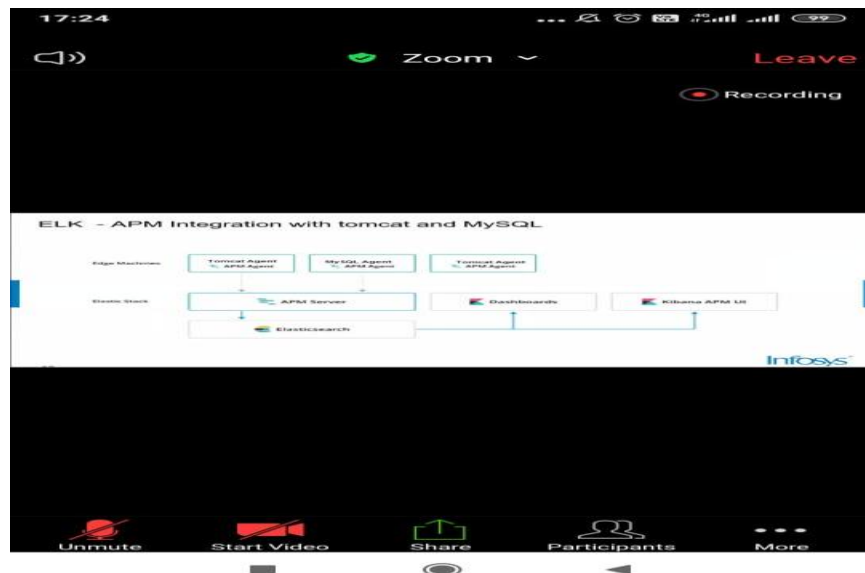
Day 5 session 1 is conducted by Dr. Shambhu Jha, covered the aspects of Database query optimization. He discussed the basics of Query processing including parsing, Translation, optimizer, evaluation etc.
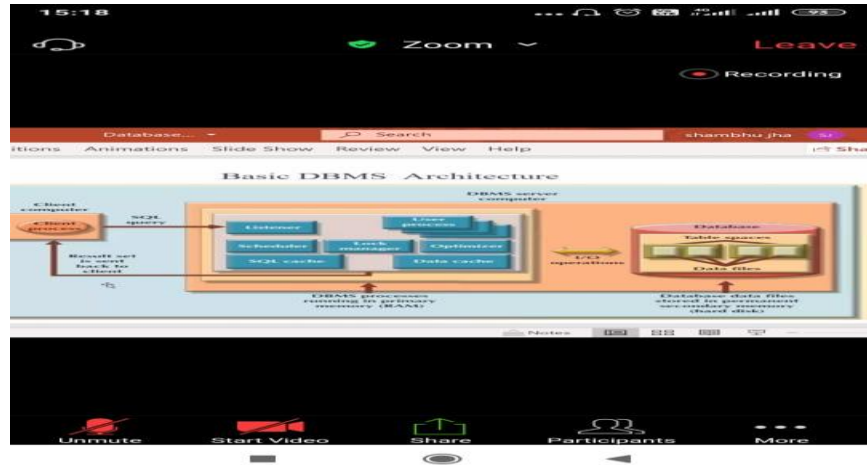
Followed by Dr. Anad Kumar, discussed the basics aspect of Genetic Algorithm. He covered the Workflow process of Genetic algorithm including initial population, recombination operation methods etc. Further he discussed the Map color problem and its solution and its different applications
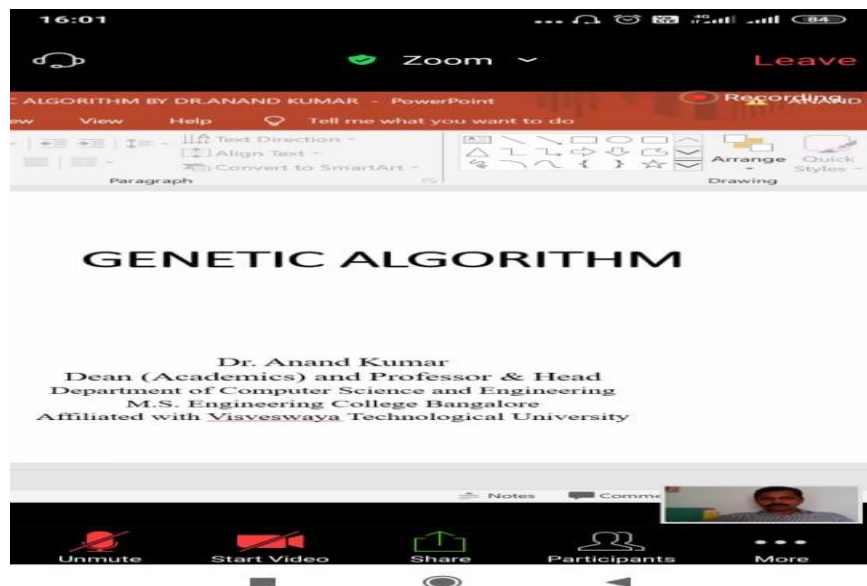

Day 5 last session is conducted by Dr. Ashish Jani, covered the aspects of data science including need of data, and its insight. Further he elaborated the different process involved in the Data

science life cycle. He also discussed the case study of the supermarket and gave the implementation of data lifecycle using Jupiter notebook and Python.

Followed by the valedictory program was conducted, the welcome of the Director and the speakers was done by Prof Rinku Dulloo. Then the different participant gave the feedback followed by the overall program review was given by Dr. B. M. Bandgar. Then concluding remark was given by Dr. R. K. Jain, Director, JSPM RSCOE. At the vote of thanks was given by Dr. Binod Kumar. The some of the attendance screen shot are given as follows
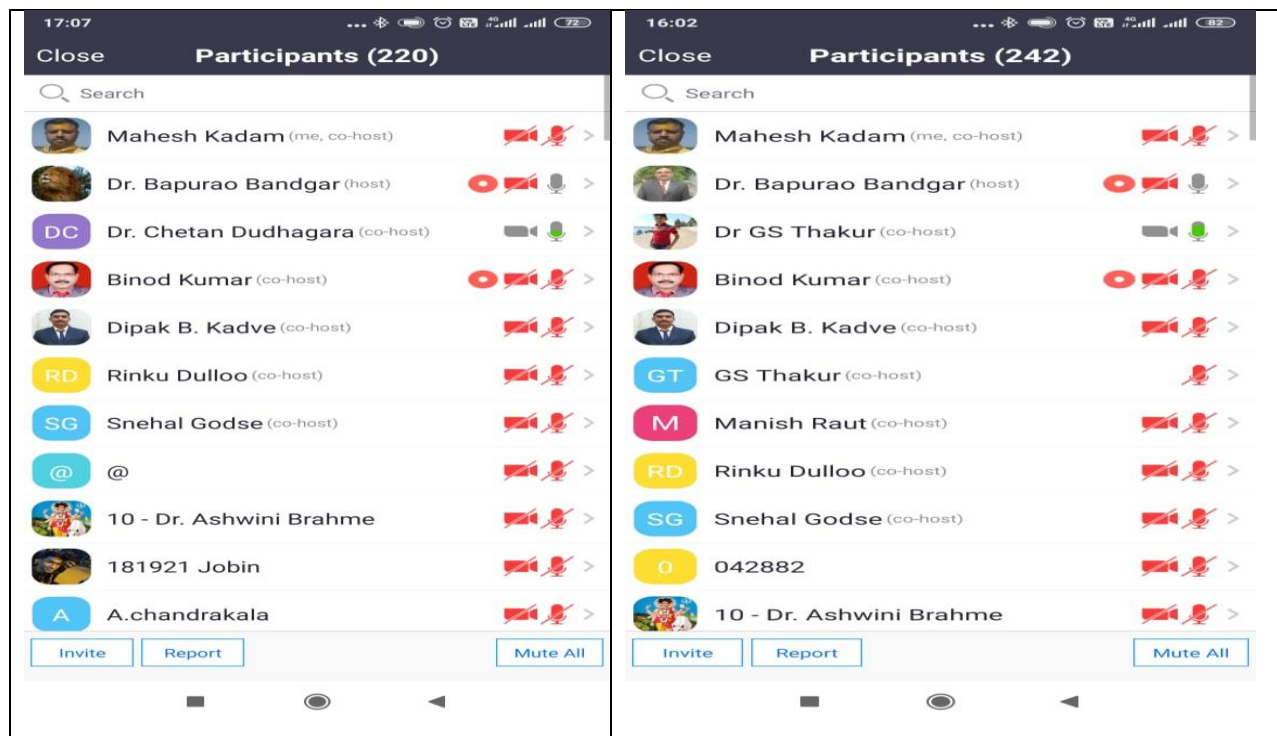
Participants (210)

BK	Brij Kishor Singh	🎥 🎤 >
DN	Debashis Nanda	🎥 🎤 >
	deepali surana	🎥 🎤 >
DN	Dhiraj Nage	🎥 🎤 >
DM	Dipali Mali	🎥 🎤 >
DK	Dr Kalpana salunkhe	🎥 🎤 >
	Dr. Amey A Choudhari	🎥 🎤 >
	Dr. Meenakshi Duggal	🎥 🎤 >
DV	Dr. Vaishali Gupta	🎥 🎤 >
DB	Dr.Rajendra B.Patil	🎥 🎤 >
	FE Yogesh Khairnar	🎥 🎤 >
	Ganesh Wayal	🎥 🎤 >

Invite

Participants (213)

	Kiran prasad	🎥 >
N	N.Dhavaneeswaran	🎥 >
	Pankaja Kopulkar	🎥 >
PA	Pooja akki	🎥 >
PT	Pranjali Thorat	🎥 >
	rahul dwivedi	🎥 >
	Rushali Deshmukh	🎥 >
	Sadhana Gawade(fe)	🎥 >
SL	Sangita Lahane Phunde	🎥 >
	Sheetal Prasad	🎥 >
	Sudarshan Shinde	🎥 >
	SUMIT PUROHIT	🎥 >

Invite   Report   Mute All