REPORT

The Department of Electrical and Electronics Engineering, IEEE Student branch and MHRD'S Institutions Innovation Cell have jointly organized webinar on **"Optimization techniques"** on 15.5.2020. The main objective of this webinar is to provide an online forum to exchange views, ideas & research solutions using different optimization techniques. During this lockdown due to Covid-19, this webinar which provides a platform for the Teaching Faculties, Research scholars in carrying out research in this field and Industrial person to upgrade and share their knowledge using different algorithms..

Resource person:

Session Title:"Soft Computing Techniques" by Dr.M.Meenalochani,
Assistant Professor/EEE, Kings College of Engineering

Convener:

Dr.A.Albert Martin Ruban, Associate Professor & HOD/ EEE

Coordinators:

1. Mr.R.Sundaramoorthi, Assistant Professor / EEE
2. Mr.S.R.Karthikeyan, Assistant Professor / EEE

Participants:

Total Registration: 157
External Participants Attended: 57
Internal Participants Attended:12
Total : 69

Webinar Session Details:

Invitations were sent through social media such as Whatsapp, Facebook and Instagram. We have got overwhelming responses from various Institutions and about 157 registrations have received. Webinar was conducted by Cisco WebEx Platform. The Programme was started with Welcome address delivered by Mr.R.Sundaramoorthi, AP/EEE and Introduction about the resource person was given by Mr. S.R.Karthikeyan AP/EEE.

Dr.M.Meenalochani has delivered lecture in the area of optimization Techniques such as Ant colony optimization, Genetic Algorithm and Particle swarm optimization techniques using mathematical modeling of each. Then she has given complete overview of Genetic Algorithm and Ant colony optimization principles, flowchart, codings basics and implementation. She also has given how optimization Algorithms can be used in research Problems. She also delivered recent development optimization tools and windup the session by 12.15 P.M. Finally Programme has ended with vote of thanks by Mr.JArokiaraj AP/EEE.

After the programme, participants were interacted with presenters and clarified the doublts.All the attended participants were asked to submit the feedback form .we have received around 62 forms from the participants and gave positive comments.
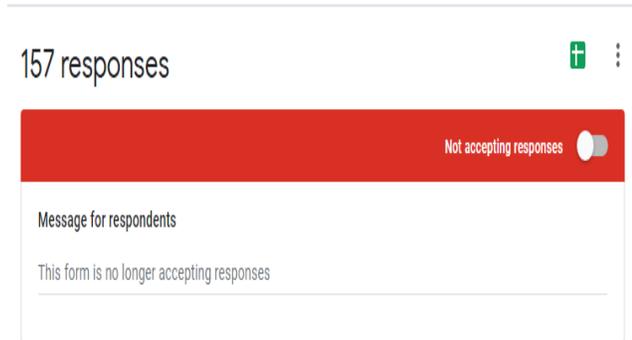
Webinar snapshots:

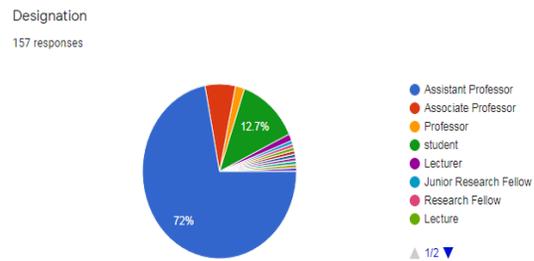
Fig1: Responses from the participants
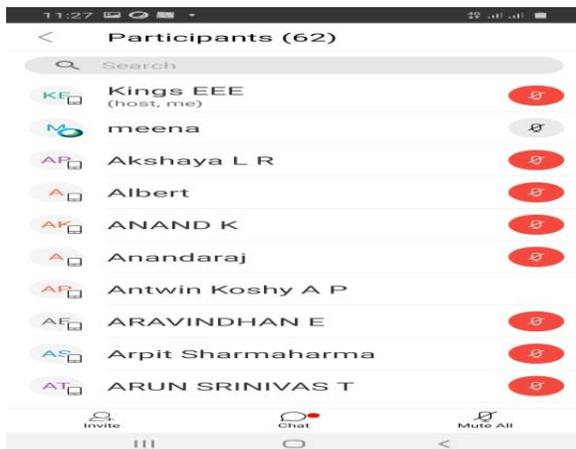

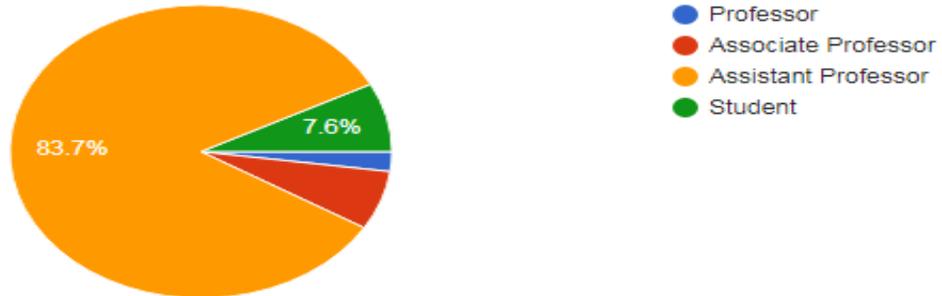Fig2: Participants Faculty Ratio details

Fig3: Attendance from the WebEx

Fig4: Attendance from the WebEx

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FEEDBACK FROM THE PARTICIPANTS

Designation

92 responses

● Professor
● Associate Professor
● Assistant Professor
● Student

1. Nice session 2. Good 3. Very useful 4. Very good session 5. Totally Excellent 6. Very much informative and knowledgeable 7. Very informative session in optimization techniques 8. Good it was a keen experience of a Cisco webinar 9.I learned Optimization Algorithm newly. Really Superb. Thank u Kings College for arranging such programme.10. A great webinar session. Thanks to the Organizers and Presenter for conducting informative webinars.11. Very useful topic and informative, sharing information was very clearly12. Very well planned session 13. Valuable information for the researchers 14. Learned about swarm algorithms 15. Nice presentation and clear explanation 16. Excellent webinar 17. Well organized programme18. We expect more webinar like this19. Very well done20. Excellent seminar