COMPUTER SOCIETY

Computer Society and Quantum Computing SIG Activities

IEEE Hyderabad Quantum Computing Special Interest Group (SIG) is an initiative under the Computer Society Chapter of IEEE Hyderabad Section. The SIG, supported by IIIT Hyderabad & Microsoft conducted Workshop on Quantum Computing on November 16, 2019 covering the session by Prof Nirman Ganguly from BITS Pilani Hyderabad "Basics of Quantum Entanglement and Quantum Computing" and talk delivered by Dr. Urbasi Sinha from Raman Research Institute on "Experimental Quantum Computing and Quantum Cryptography by manipulating Light Quanta". Prof Nirman covered the themes of Quantum applications from theoretical context. Event was attended by 108 delegates who spanned attention of all kinds of age groups. It was broadcasted on @IEEEQuantumSIG facebook live page and ran the Twitter contest for delegates and winners were Ramkaran Rudravaram and Aditya Rao. Facebook live was attended by 134 participants and Twitter had a reach of 3300 members. N Venkatesh, Bala Peddigari, Reena Dayal and SIG group execoms were part of the event. It was participants and committed volunteers made this event a great reach and had high impact with huge success. This brings great energy to IEEE Hyderabad Quantum SIG to bring in high value programs.

Group photo of participants with organisers

CS IDEATE Hakeethon

A vibrant platform created by the CS IDEATE Hakeethon team by IEEE Computer Society Hyderabad Section in collaboration with Vardhaman College of Engineering. It was a 24 hours Competition held on 28th March 2020. The Hakeethon was started at 28th March 2020 12:00 AM and ended by 23:59. Over 100+ participants were participated in the Hakeethon. It was operated on Hacker Rank platform where more than 50 problem statements comprising various levels of difficulties were given as a challenge.

Analysis of COVID-19 health care problems using AI

As we are aware of COVID-19 it is most pandemic disease. To Eradicate and give the Awareness on COVID the IEEE Computer Society Ideate team Hyderabad Section had organized the webinar on the topic ―Analysis of COVID-19 health care problems using AI‖ on 4th April 2020. Senthil Kumar delivered a session on handling health care w.r.t. Descriptive Analysis, Diagnostic or Prescriptive Analysis, Predictive Analysis and ML, AI and Cognitive Analysis. Akash Gujju explained the techniques of data processing, visualization by Machine Learning. Sai charan perur and Dharan kumar subsisted on the Risk Classification and Churn Analysis. Dharan Kumar categorized on how to

acquire the data by Mra samples and performing the grid examination risk classification. Finally, Mr Vidhyasagar conveyed the vote of thanks.

Computer Society – (60 Activities)

Event Title	Event Date	Event Category
AHCSSC'20 - All Hyderabad Computer Society Student Congress : Hyderabad Section Chapter, C16	1/3/2020 9:00	Technical
Technical Talk Session - Next Generation AI Trends : Hyderabad Section Chapter, C16	2/28/2020 11:00	Technical
IEEE CS Meetup 2020 : Hyderabad Section Chapter, C16	3/14/2020 10:00	Nontechnical
IEEE CS Ideate - Hackeethon Event : Hyderabad Section Chapter, C16	3/28/2020 0:00	Technical
Analysis of COVID-19 and Healthcare problems using AI : Hyderabad Section Chapter, C16	4/4/2020 17:00	Technical
IEEE CS IDEATE EKALAVYA : Hyderabad Section Chapter, C16	4/6/2020 11:00	Technical
Webinar - IEEE Collabratec community and its benefits : Hyderabad Section Chapter, C16	4/9/2020 17:00	Administrative
IEEE CS Ideate : Smart-O-Thon : Hyderabad Section Chapter, C16	4/12/2020 9:00	Administrative
webinar : IEEE CS - Computer Vision : Hyderabad Section Chapter, C16	4/12/2020 11:30	Technical
webinar : Strategic Marketing in a Digital World : Hyderabad Section Chapter, C16	4/15/2020 11:00	Professional
Webinar - Innovation in Rural India : Hyderabad Section Chapter, C16	4/16/2020 11:30	Technical
webinar - Robotic process Automation : Hyderabad Section Chapter, C16	4/16/2020 17:00	Technical
Technical Workshop - MS Renown : Hyderabad Section Chapter, C16	4/17/2020 10:00	Technical
Introduction to R in Statastical Analysis : Hyderabad Section Chapter, C16	4/19/2020 10:00	Technical
Webinar on Campus to Corporate : Hyderabad Section Chapter, C16	4/20/2020 17:00	Professional
SFTP (Student Faculty Training Program) - Datascience concepts : Hyderabad Section Chapter, C16	4/23/2020 10:00	Technical
Webinar - An Insight into Machine Learning : Hyderabad Section Chapter, C16	4/25/2020 17:00	Technical
CSI and IEEE Tech Talk #5 - Robotic Process Automation : Hyderabad Section Chapter, C16	4/26/2020 11:00	Technical
Webinar - AI in Healthcare and Medicine : Hyderabad Section Chapter, C16	4/29/2020 17:00	Technical
Covid Blaster - Hackathon for Coders : Hyderabad Section Chapter, C16	5/1/2020 9:00	Technical
A PANEL DISCUSSION ON LOCK DOWN PERIOD- WORK LIFE BALANCE : Hyderabad Section Chapter, C16	5/2/2020 17:00	Technical
Realtime Application transportation using Big Data technologies : Hyderabad Section Chapter, C16	5/8/2020 11:00	Technical
Webinar - Immersive technologies for Aspiring Creative professionals : Hyderabad Section Chapter, C16	5/9/2020 11:00	Technical

Post Pandemic opportunities in Emerging Technologies : Hyderabad Section Chapter, C16	5/9/2020 16:00	Professional
Industry Expectation from Young Engineers : Hyderabad Section Chapter, C16	5/10/2020 11:00	Professional
Webinar - Design Thinking : Hyderabad Section Chapter, C16	5/10/2020 16:00	Technical
Career path in Cybersecurity and preparing for IT : Hyderabad Section Chapter, C16	5/16/2020 11:30	Professional
Awareness on Cyber Security & Cyber Crimes : Hyderabad Section Chapter, C16	5/23/2020 11:00	Technical
Webinar on AI Approaches in Speech Recognition : Hyderabad Section Chapter, C16	5/24/2020 11:00	Technical
Webinar on IEEEXtreme 14.O - GH 14.0, A Global Highway to Xtreme Awareness : Hyderabad Section Chapter, C16	6/1/2020 11:00	Professional
Xtreme - Unlock 14.0 Code Contest - I : Hyderabad Section Chapter, C16	6/2/2020 10:00	Technical
IEEEXtreme Unlock14.0 â€" II : Hyderabad Section Chapter, C16	6/14/2020 9:00	Technical
Five Day Workshop on Machine Learning : Hyderabad Section Chapter, C16	6/14/2020 9:00	Technical
Unlock 14.0 Code Contest III : Hyderabad Section Chapter, C16	6/21/2020 9:00	Technical
Xtreme Python workshop : Hyderabad Section Chapter, C16	7/4/2020 10:00	Technical
IEEE Collabratec : Uniting the IEEE Global Technical Community : Hyderabad Section Chapter, C16	7/8/2020 17:30	Professional
Unlock 14.0 - Coding and problem solving strategies : Hyderabad Section Chapter, C16	7/10/2020 11:00	Technical
Making the Most of IEEE Computer Society Membership : Hyderabad Section Chapter, C16	7/11/2020 6:00	Professional
Unlock 14.0 drive - Problem solving techniques in Java : Hyderabad Section Chapter, C16	7/11/2020 10:00	Technical
Article Writing Competition in Digital Area : Hyderabad Section Chapter, C16	7/15/2020 9:00	Technical
Evolve-X Mobile Application Contest : Hyderabad Section Chapter, C16	7/15/2020 9:00	Professional
Unlock 14.0 - Problem Solving session on C, C++ : Hyderabad Section Chapter, C16	7/18/2020 10:00	Technical
Cybersecurity Cosiderations Today's industrial control systems : Hyderabad Section Chapter, C16	7/18/2020 18:30	Professional
Unlock 14.0 -Problem Solving Contest : Hyderabad Section Chapter, C16	7/25/2020 10:00	Technical
Social Media , Democracy and Online Hate : Hyderabad Section Chapter, C16	7/25/2020 19:00	Professional
IEEE CS Group discussion on digital transformation : Hyderabad Section Chapter, C16	8/2/2020 11:00	Technical
Webinar on Deep Learning Based Video Analytics For Surveilnace IOT Applications : Hyderabad Section Chapter, C16	8/6/2020 16:00	Professional
Webinar on Artificial Intelligence and Machine Learning for Cybersecurity : Hyderabad Section Chapter, C16	8/10/2020 11:00	Professional
Evolve-X - 3 Day workshop on Android App development : Hyderabad Section Chapter, C16	8/10/2020 17:00	Professional
Evolve-X 3 day workshop on Flutter and Dart : Hyderabad Section Chapter, C16	8/14/2020 17:00	Technical

Covid - Poster Competition : Hyderabad Section Chapter, C16	8/15/2020 9:00	Professional
Webinar onRepresentation and topology-based clustering methods for spatial data analysis and visualization : Hyderabad Section Chapter, C16	8/16/2020 18:30	Professional
Evolve X - 2 Day workshop on Git, Flask, App Development : Hyderabad Section Chapter, C16	8/18/2020 17:00	Technical
Evolve-X workshop on Javascripting (DOM) : Hyderabad Section Chapter, C16	8/24/2020 11:00	Professional
Webinar - Membership drive at SV College of Engineering : Hyderabad Section Chapter, C16	9/5/2020 10:00	Administrative
webinar - Salesforce architecture : Hyderabad Section Chapter, C16	9/12/2020 11:00	Professional
Webinar - Phishing Detection of Machine Learning : Hyderabad Section Chapter, C16	9/14/2020 17:00	Professional
IEEE Quantum Week - Satellite Event : Hyderabad Section Chapter, C16	10/3/2020 9:00	Technical
All Hyderabad Computer Society and Women in Engineering Virtual Congress : Hyderabad Section Chapter, C16	10/6/2020 9:00	Professional
Section Student Congress 2020: Workshop on Natural Language Processing : Hyderabad Section Chapter, C16	12/12/2020 11:00	Professional