Andhra Pradesh Human Resource Development Institute (AP HRDI), GoAP

Centre for Sustainable Development Goals (CSDG)

Three Day State Level Capacity Building Training of Trainers (TOT)

on Disaster Management

25 – 27 September, 2019

Programme Schedule

Wednesday, 25th Sept., 2019

Time (hrs)	Speakers	Topic
	Inaugural Programme	
09:30 – 10:15	**Sri D Chakrapani, IAS (Retd.)** Director General, AP HRDI & Ex officio Secretary to GAD, GoAP **Sri Mahendra Rajaram,** Disaster Risk and Resilience Officer, UNICEF- Hyderabad Field Office	
10:15 – 13:30	Dr. K R Sastry, Consultant, World Bank Project "Structural Assessment of Old Multi-purpose Cyclone Shelters & Preparation of Detailed Project Reports (DPR's) GoAP	Basics of Disaster Overview, concepts and causes of disaster Phases of disasters and disaster cycles
Tea /Coffee : 11:45 – 12:00		
Lunch 13:30 – 14:30		
14:30 – 15:00	**Unpacking a Disaster – Video - Documentary**	
15:00 – 17:30	Sri Ramesh, NDRF, Mangalagiri	Contextualising DRR – Table top exercises - Application of SOPs, Local disaster plans and roles and responsibilities - Role Play

Thursday, 26th Sept., 2019

Time	Speakers	Topic
09:00 – 10:00	Sri Amal Krishna, APSDMA, Vijayawada	Skilled based Key tools – Introduction to Tools 1 Resource maps, unpacking disaster plans
10:00 – 11:15	Sri Amal Krishna, APSDMA, Vijayawada	International Frame Work - Sendai Framework and SDGs, Action Plan to achieve the goals
Tea /Coffee : 11:15 – 11:30		
11:30 – 12:30	Ms. Vandana, Chief Facilitator, AIDMI, Gujarat	Comprehensive School Safety *(THROUGH SKYPE)*
12:30 – 13:30	Sri Mahendra Rajaram	Risk Informed Programming /GPDP
Lunch 13:30 – 14:30		
Group Discussion		

14:30 – 15:30	Sri Mahendra Rajaram	Unpacking a Disaster- Participative Session on the documentary, Experience sharing
	Sri Amal Krishna, APSDMA,	Present Challenges - Data and knowledge gaps in the present discourse
15:30 – 16:30	Sri Prasad, APSDMA, Vijayawada	Sub National Framework – Institutional Framework - Plans and SoPs;DDMP;SDMP;Hazard specific SoPs
Tea /Coffee : 16:30 – 16:45		
16:45 – 17:30	Sri Prasad, APSDMA, Vijayawada	National Framework – Institutional Framework – DM Act 2005; PM's 10 point agenda;NDMA;SDMA;DDMA;Local authorities
17:30 – 18:30	Field Visit	

Friday, 27th Sept., 2019

09:00 – 10:00	Sri Ramana Murthy , Director, ILEG	DRR Approach Hazard, Vulnerability, Risk and Capacity Analysis Skilled based Key tools – Introduction to Tools 2 Data analytics in DRR; data interpretation basics (understanding Science for layman
10:00 – 11:30	Sri.Ganta Venkata Ravi Kumar Regional Coordinator Indian Red Cross Society(IRCS) Nellore	Skill based -personal preparedness – Basics of first aid
Tea /Coffee : 11:30 – 11:45		
Panel Discussion		
11:45 – 13:00	Ms.Stella , Director Meteorological & Climate Warning Centre	DRR Approach – Disaster Preparedness - Introduction of DP; Understanding Forecast and Early Warning
Lunch 13:00 – 14:00		
14:00 – 16:30	Sri Srinivas Rajamani, UNDP	DRR Approach – Principles of leaving no one behind and DRR Identification of vulnerable groups, Differential risks faced by vulnerable groups; Access related impact on vulnerable groups and disasters
	Sri Srinivas Rajamani, UNDP	Contextualising DRR – Shelter and Camp Management - Application of leaving no one behind and build back better principles
	Sri Srinivas Rajamani, UNDP	DRR Approach – Community based DRR - Introduction to SOPs, Local disaster plans and roles and responsibilities
Tea /Coffee : 16:00 – 16:15		
16:30 – 16:45	Feedback	

LIST OF TED TALKS RELATING TO DISASTERS

1) The next outbreak? We are not ready

https://www.ted.com/talks/bill_gates_the_next_disaster_we_re_not_ready

In 2014, the world avoided a global outbreak of Ebola, thanks to thousands of selfless health workers -- plus, frankly, some very good luck. In hindsight, we know what we should have done better. So, now's the time, Bill Gates suggests, to put all our good ideas into practice, from scenario planning to vaccine research to health worker training. As he says, "There's no need to panic ... but we need to get going."

2) Making maps to fight disaster, build economies

https://www.ted.com/talks/lalitesh_katragadda_making_maps_to_fight_disaster_build_economies

As of 2005, only 15 percent of the world was mapped. This slows the delivery of aid after a disaster -- and hides the economic potential of unused lands and unknown roads. In this short talk, Google's Lalitesh Katragadda demos Map Maker, a group map-making tool that people around the globe are using to map their world.

3) Cheap, effective shelter for disaster relief

https://www.ted.com/talks/michael_mcdaniel_cheap_effective_shelter_for_disaster_relief

Michael McDaniel designed housing for disaster relief zones -- inexpensive, easy to transport, even beautiful – but found that no one was willing to build it. Persistent and obsessed, he decided to go it alone. At TEDxAustin, McDaniel show us his Exo Reaction Housing Solution, and asks us to prepare for the next natural disaster.

4) A new mission for veterans - disaster relief

https://www.ted.com/talks/jake_wood_a_new_mission_for_veterans_disaster_relief

After fighting overseas, 92 percent of American veterans say they want to continue their service. Meanwhile, one after another, natural disasters continue to wreak havoc worldwide. What do these two challenges have in common? In telling the story of his friend Clay Hunt, Jake Wood from Team Rubicon reveals how veterans can contribute to disaster response -- and regain their sense of purpose, community and self-worth.

5) How mobile phones power disaster relief

https://www.ted.com/talks/paul_conneally_digital_humanitarianism

The disastrous earthquake in Haiti taught humanitarian groups an unexpected lesson: the power of mobile devices to coordinate, inform and guide relief efforts. At TEDxRC2, Paul Conneally shows extraordinary examples of social media and other technologies becoming central to humanitarian aid.

6) These robots come to the rescue after a disaster

https://www.ted.com/talks/robin_murphy_these_robots_come_to_the_rescue_after_a_disaster

When disaster strikes, who's first on the scene? More and more, it's a robot. In her lab, Robin Murphy builds robots that fly, tunnel, swim and crawl through disaster scenes, helping firefighters and rescue workers save more lives safely -- and help communities return to normal up to three years faster.

7) When bad engineering makes a natural disaster even worse

https://www.ted.com/talks/peter_haas_haiti_s_disaster_of_engineering

What did the world learn from the devastating earthquake that struck Haiti in 2010? That shoddy buildings and bad planning can make a terrible situation even worse. "Haiti was not a natural disaster," says TED Fellow Peter Haas. "It was a disaster of engineering." The solution: Help builders on the

ground get trained in modern engineering practices, so they can rebuild their country stronger, brick by brick.

8) An ingenious solution for aid in disaster zones

https://www.ted.com/talks/a_dara_dotz_an_ingenious_solution_for_aid_in_disaster_zones

A. Dara Dotz left the tech industry for the nonprofit world after realizing our widespread reliance on tech may be doing us more harm than good. In response, she founded Field Ready to work directly with communities on the ground in disaster zones and co-develop low-tech aid solutions, repurposing found materials like car mats and broken solar panels. "We aren't going to be able to throw tech at every problem," she says. "Instead of focusing on the next blockchain or AI, perhaps the things we really need to focus on are the things that make us human."

9) Why are earthquakes so hard to predict?

https://www.ted.com/talks/jean_baptiste_p_koehl_why_are_earthquakes_so_hard_to_predict

In 132 CE, Zhang Heng presented his latest invention: a large vase he claimed could tell them whenever an earthquake occurred for hundreds of miles. Today, we no longer rely on pots as warning systems, but earthquakes still offer challenges to those trying to track them. Why are earthquakes so hard to anticipate, and how could we get better at predicting them? Jean-Baptiste P. Koehl investigates. [Directed by Cabong Studios, narrated by Addison Anderson, music by Matheus Wittmann].

10) Why would God create a Tsunami?

https://www.ted.com/talks/tom_honey_on_god_and_the_tsunami

In the days following the tragic South Asian tsunami of 2004, the Rev. Tom Honey pondered the question, "How could a loving God have done this?" Here is his answer.

11) How to transform sinking cities into landscapes that fight floods

https://www.ted.com/talks/kotchakorn_voraakhom_how_to_transform_sinking_cities_into_landscapes_that_fight_floods

From London to Tokyo, climate change is causing cities to sink -- and our modern concrete infrastructure is making us even more vulnerable to severe flooding, says landscape architect and TED Fellow Kotchakorn Voraakhom. But what if we could design cities to help fight floods? In this inspiring talk, Voraakhom shows how she developed a massive park in Bangkok that can hold a million gallons of rainwater, calling for more climate change solutions that connect cities back to nature.

12) One Seed at a time, protecting the future of food - Cary Fowler

Biodiversity warrior Cary Fowler wants to save the world from agricultural collapse, one seed at a time.

13) Why we do not prepare for earthquakes | Steven Eberlein | TEDxPortland
14) How to step up in the face of disaster

https://www.ted.com/talks/caitria_and_morgan_o_neill_how_to_step_up_in_the_face_of_disaster

When a freak tornado hit their hometown, sisters Caitria and Morgan O'Neill -- just 20 and 24 at the time -- realized they had to jump in and help. What they learned is: After a natural disaster, there's only a tiny window before the world turns its sympathy (and its donations) elsewhere -- so it's important to be prepared for every aspect of recovery. Watch this talk to learn how to step up in a timely fashion for your own community.