



KUDUMBASHREE
STATE POVERTY ERADICATION MISSION, GOVT. OF KERALA



Sphere India
National Coalition of Humanitarian Agencies in India

WEBINAR SERIES SUMMARY REPORT COVID 19 ACADEMY KERALA – PHASE I




Jointly Organised by KSDMA , Kudumbashree & Sphere India

September & October 2020



Online Platform
CISCO WEBEX

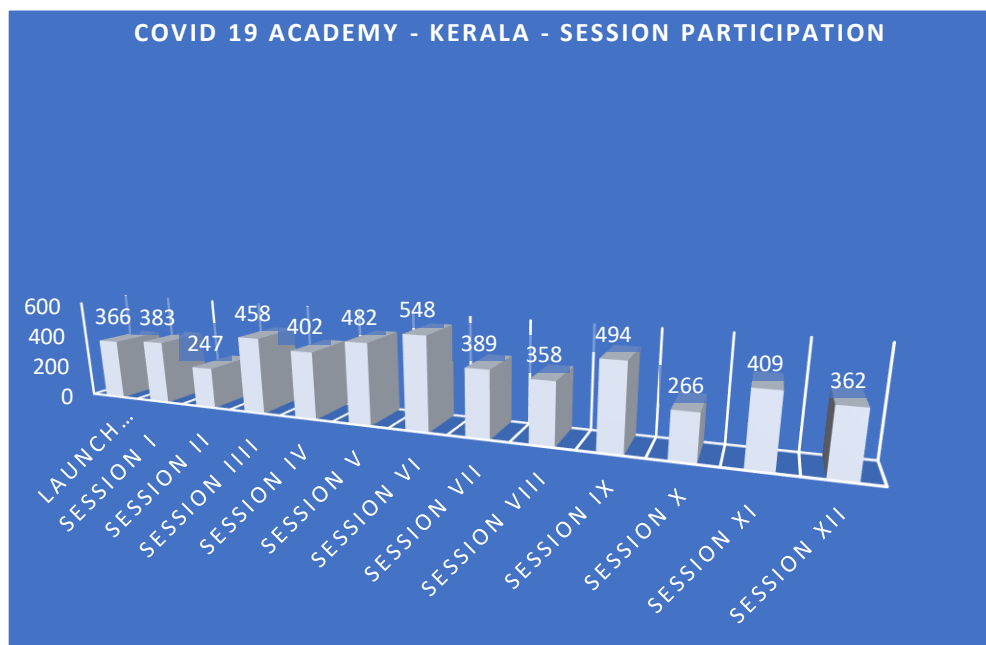
Summary Report on COVID 19 Academy – Kerala -Phase I

Total No of Sessions : 12 (Twelve)			
	6246 registrations		
	Total No. of Participants: 5164 F:2882 M: 2282		Shareable Link: https://www.youtube.com/channel/UCK9yTrBmriWHK570NwLXNzg Resource Material: http://www.sphereindiacovid19academy.org/home/covid_kerala

Sphere India along with the support from Kerala State Disaster Management Authority and Kudumbashree organized a twelve - part webinar series from 29th September to 21st October

A collaborative initiative of NIDM, WHO, UNICEF, HCLF, WFP, Sphere India and other organizations, the covid 19 academy is a capacity-building initiative with a mission to enable frontline volunteers and outreach workers. Covid 19 academy- Kerala initiative is part of a series of training sessions delivered in Malayalam organized by Sphere India in association

with Kerala State Disaster Management Authority and Kudumbashree (State Poverty Eradication Mission), Government of Kerala. The Academy's sessions are targeted towards participants



from Kudumbashree, IAG member organizations, Aptamithra volunteers, Sanadhasena, Kerala Civil defense, Persons with Disabilities (PWDs) and academic institutions. Each webinar aimed to address different aspects of Disaster management and disaster risk reduction providing an overview of disaster management scenario in the Kerala state with emphasise on current covid 19 pandemic and sharing good practices and recommendations.

The academy was held through CISCO Webex video conferencing tool. Twelve sessions were conducted with 2 hours per session in each day. All sessions were supported with the service of sign language interpreter from National Institute of Speech and Hearing. For this Webinar series, registration link using webex was created. The link was circulated via email invitation, and through various social media platforms.

Over five thousand participants, including government officials, officials from Local Self Governments, officials from Kudumbashree, Apta Mithra volunteers, Civil defense volunteers, Sanadhasena volunteers and students from various academics, and representatives from research institutes, non-governmental organizations (NGOs) Inter Agency Groups joined the webinar series. In addition, officials from state disaster management authority and District disaster management authorities also took part in the programme. According to feedback from participants, the webinar was helpful for them to gain new knowledge and awareness on Disaster Risk reduction in the context of covid 19 pandemic. The webinar was also successful in providing both conceptual and policy guidelines with practical experience from both state and national experience.

The Webinar series discussed the following topics under twelve sessions:

Throughout the webinars there was engagement with questions and discussion. Additional questions on the topics specific to the participants’ plants were also asked following the webinars. Post webinar support on each of the webinar topics was offered to participants, all webinar presentation materials were uploaded in covid academy website. The webinar format was a success and the timeframe of 1.5 – 2 hours appeared to be enough time to allow facilitation of discussions and cover the session theme. Session themes are as follows;

- Risk Communication & Community Engagement during Covid-19
- Personal Protection of frontline workers during Covid 19
- Mental Health and Psycho social Issues during Covid 19
- Understanding Gender, Gender Mainstreaming and Addressing GBV in Humanitarian Action
- Role of Civil Society and CBOs (CDS,ADS,NHG) in the Covid 19 Preparedness and Response
- Disaster Planning ; State District & LSG plans
- School Safety
- PM’s ten point Agenda for DRR
- Sustainable Development Goals (SDGs)
- Climate change and extreme events
- Sendai Framework for Disaster Risk Reduction (DRR)
- Disability Inclusive Disaster Risk Reduction

Registrants and attendees came from a broad cross The below table outlines the topics covered in each webinar as well as the number of registrations and attendees at each webinar.

Session	Date	Session Title	Resource Person	No. of registrations	No of Participants	Webex video recording link (password: K@academy123)

	29 September 2020	Launch Session		No registration	366	Click Here
1	30 September 2020	Risk Communication & Community Engagement during Covid-19	Dr. Aneesh, Govt Medical College, Trivandrum,	636	383	Click Here
2	01 October 2020	Personal Protection of frontline workers during Covid 19	Dr. Ratheesh K H, Govt Medical College, Trivandrum,	327	247	Click Here
3	03 October 2020	Understanding Gender, Gender Mainstreaming and Addressing GBV in Humanitarian Action	Dr. B Valsalakumari IAS (Ret.), Former Principal Secretary, Govt. of Kerala	103	458	Click Here
4	05 October 2020	Mental Health and Psychosocial Issues during Covid 19	Dr.Kiran P S, State nodal officer, Mental health programme, Govt. of Kerala	569	402	Click Here
5	07 October 2020	Role of Civil Society and CBOs (CDS,ADS,NHG) in the Covid 19 Preparedness and Response	Annie George, CEO, Bedrock	684	482	Click Here
6	09 October 2020	Disaster Planning ; State District & LSG plans	G. Padmanabhan, Former Emergency Analyst, UNDP	795	548	Click Here
7	12 October 2020	School Safety	Hari Kumar Regional Coordinator for South Asia, Geo Hazards.	658	389	Click Here
8	14 October 2020	PM's ten point Agenda for DRR	JaimonUthoop , Policy Specialist, SDGs, UNDP	485	358	Click Here
9	16 October 2020	Sustainable Development Goals (SDGs)	Dr. Joy Elaman, Executive Director, KILA	659	494	Click Here
10	17 October 2020	Climate change and extreme events	Dr. M.G Manoj Scientist, Cochin University of Science and Technology,	332	266	Click Here
11	19 October 2020	Sendai Framework for Disaster Risk Reduction (DRR)	Prof. Vinod . C. Menon, Former Member , NDMA	540	409	Click Here
12	21	Disability	Dr.MuhamedAshee	458	362	Click Here

	October 2020	Inclusive Disaster Risk Reduction	I, Executive Director, KSSM			
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Webinar Attendance

Kerala Academy has hosted a total of 12 webinar. The total number of people who have participated in all is 5164, 6246 people pre-registered for the webinars, so participant rates were approximately 83 % of those who registered. According to the attendee reports, webinar and broadcast attendees were from all 14 districts of the state.

Launch event

Shri. Harikishore. S, Executive Director, Kudumbashree on September 21, 2020, virtually inaugurated the Covid 19 programme as the Chief guest. In his presidential note, Dr. Sekhar. L. Kuriakose, Member secretary, KSDMA said the covid-19 academy is a platform to celebrate Disaster risk reduction by bringing people from all fraternity related to disaster management. We need to talk more on disaster management in conjunction with humanitarian action because that's more relevant in the context of climate change. The main goal of this academy is to continuously provide a platform for the youth, elders and anybody who is willing to work on this field and to interact with experts. He thanked Sphere India for coordinating Inter Agency Groups for disaster preparedness and response.

Inaugurating the session, Harikishore said "Covid 19 Academy is a great visionary. The focus on frontline workers is an enormous idea. To get volunteers educated and trained early is the biggest aspect and the focus on training in vernacular language is commendable. Follow

COVID-19 Academy: Kerala - Launch Ceremony
Hosted by Kerala State Disaster Management Authority and Sphere India

S. Harikishore IAS
Executive Director, Kudumbashree

Prof. Santosh Kumar
NIDM

Dr. Sekhar L. Kuriakose
Member Secretary, KSDMA

Dr. C.T Aravindakumar
Prov. Vice - Chancellur, Mahatma Gandhi University

Sarbjit Singh Sahota
Disaster Risk Reduction Specialist, UNICEF

Dr. K.B Valsalakumari IAS (Rtd)
Former Principal Secretary, Govt of Kerala, Former Executive Director, Kudumbashree

Prof. Vinod. C. Menon
Former Member, National Disaster Management Authority

Mr. Nawal Prakash Mahajan
Joint Advisor, CBT, NDMA

Vikrant Mahajan
CEO, Sphere India

Fr. Saji Joesph
Asst. Professor, Department of Social Work, Loyola College of Social Science

Rafi P
Senior Programme Associate, Nutrition, Co-ordination-Kerala, WFP

This initiative is part of a series of training sessions delivered in Malayalam organised by Sphere India in association with Kerala State Disaster Management Authority and Kudumbashree. The Kerala academy will have twelve technical sessions starting from 29 September covering diverse topics delivered through online platform (cisco-webex).

Tuesday, Sep 29, 2020 | 11:00 am to 01:00 pm

Join on WEBEX platform: <https://tinyurl.com/y4dultta> Meeting number: 126 864 2518; Password: Q5vhsY3j38

Contact: +91 9746649929

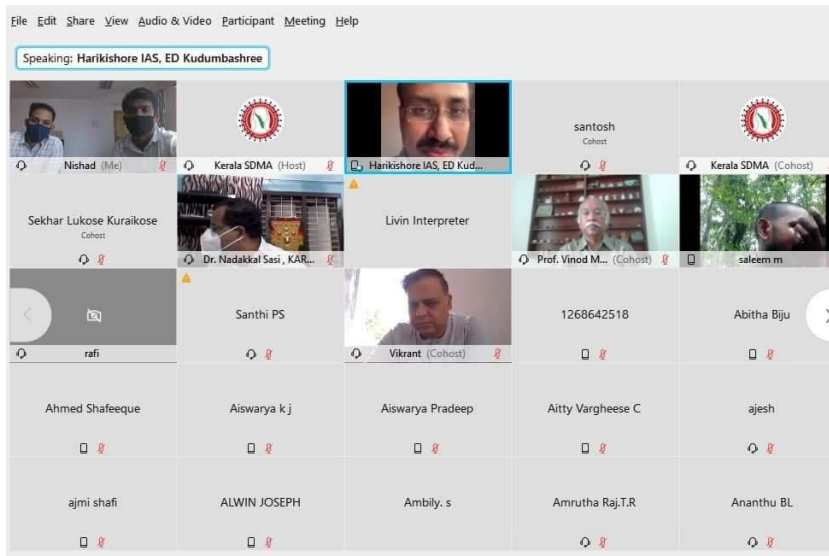
Sign language interpretation is available for all sessions

Participation certificate will be issued for all technical sessions

Supported by: World Health Organization, UNICEF, WFP World Food Programme, HCL FOUNDATION

trainings can be good in long run. Kudumbashree is conducting IEC campaign to inform the NHGs that elderly people should take special care to prevent the pandemic.

Prof. Santhosh, National Institute of Disaster Management said 'Kerala meant to set examples like 'Covid 19 Academy' that can be replicated by other states and the academy should focus on multi hazards, he urges *greater* use of digital technology to improve disaster



education. Dr. Aravindkumar, pro vice chancellor, Mahatma Gandhi University addressed the audience and briefed on pandemic diseases evolved in the world before COVID 19 and particularly emphasized on the need of adaptable lifestyle models and *people* need to learn to live with the virus. On behalf of National Disaster

Management Authority, Mr Nawal Prakash, Joint advisor said the Academy need to develop a plan for involving Apta Mithra volunteers that will bring needed skills and bring community ownership in disaster response.

Prof.Vinod .C.Menon, former member, NDMA, pointed how the state mastered and became the role model in the fight against corona virus, that in the Covid 19 response, the state strengthened the surveillance and control measures against the disease. Kerala has utilized its earlier experience in Nipha virus to contain the COVID-19 spread. Shri Sarabjit Singh Sahota, UNICEF urged that Overlapping of hazards should be discussed in the academy, in India, many states are on the edge of witnessing overlapping hazards. Former principal secretary, Dr. K.B .Valsalakumari detailed the services provided by Kudumbashree in COVID 19 prevention activities. The mission has been in the forefront of COVID 19 response. The academy' will help supplement the additional skills, she added

Shri Rafi, coordinator, World Food Programme discussed the nutritional aspects *for covid-19* , *The COVID-19* pandemic has resulted in decline in food production ,children have access *to* strong diets and that children receive the nutrition services they needed. Fr.Saji J Joseph, Loyola college of social science elaborated upon the disaster management education, the academy will be a good platform for Kerala to impart solid training to the frontline workers, he added. Shri Vikrant Mahajan, Sphere India said, Covid 19 academy opened the door to a new way of learning for frontline and volunteer community, and Kerala model can be replicated in other states also .In the concluding remarks, Shri Joe George , state project officer, KSDMA , expressed vote of thanks to all guests and participants.

Session YouTube Video [Click Here](#)

Session I

“Risk Communication & Community Engagement during Covid-19”

30 September 2020

KSDMA in collaboration with Sphere India conducted webinar on "Risk communication engagement during covid-19" on 30th September 2020. The aim of the webinar is to sensitise participants on importance of risk communication and community engagement during the COVID-19 outbreak. Dr. Anish T.S, Member of State (Kerala) Expert Panel for COVID-19 was the key speaker that was moderated by Vijeesh. P, Programme coordinator Sphere India. About 383 participants from various field and districts attended the webinar

Resource persons:



Dr. Anish TS. MD, DPH.
Teacher and Researcher in
Public Health
Member of State (Kerala)
Expert Panel for COVID-19



Total No. of
Participants
383

Shareable Link:

Resource Material:

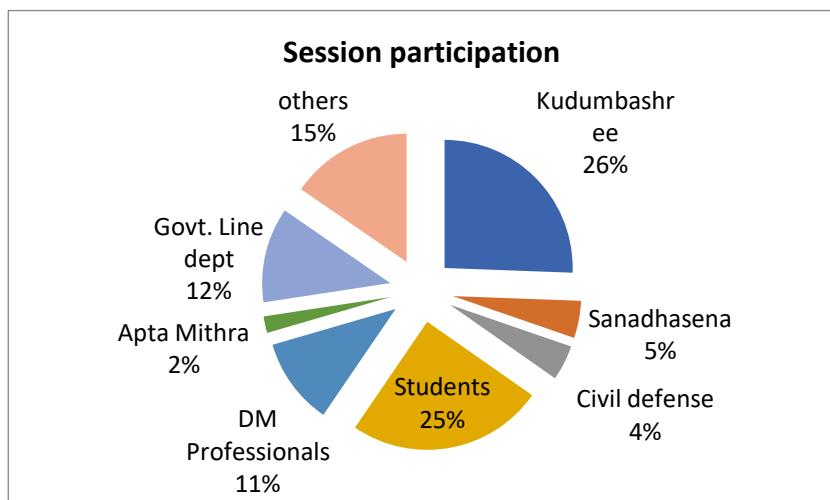
http://www.sphereindiacovid19academy.org/home/covid_kerala

Certificate :

<http://www.sphereindiacovid19academy.org/home/index>

Participation details [Click Here](#)

Depending on the characteristics of the novel corona virus & the setting in which infection occurs, there are direct health implications. In addition, the risk of secondary morbidity, mortality, disruption of basic services, impact on the economy & livelihoods, and new/increased protection needs – some of which may stem from fear due to an unknown pathogen, signifies the importance of appropriate risk communication and community engagement. RCCE is one of the priority areas of Ministry of Health and Family Welfare to respond to the COVID-19 outbreak to inform decision making related to personal risk, mitigate rumours, share information and advice between experts, communities and officials, and to effectively involve communities in the response to control the outbreak. The session served the purpose of strengthening the knowledge and enhancing the understanding of participants on Risk

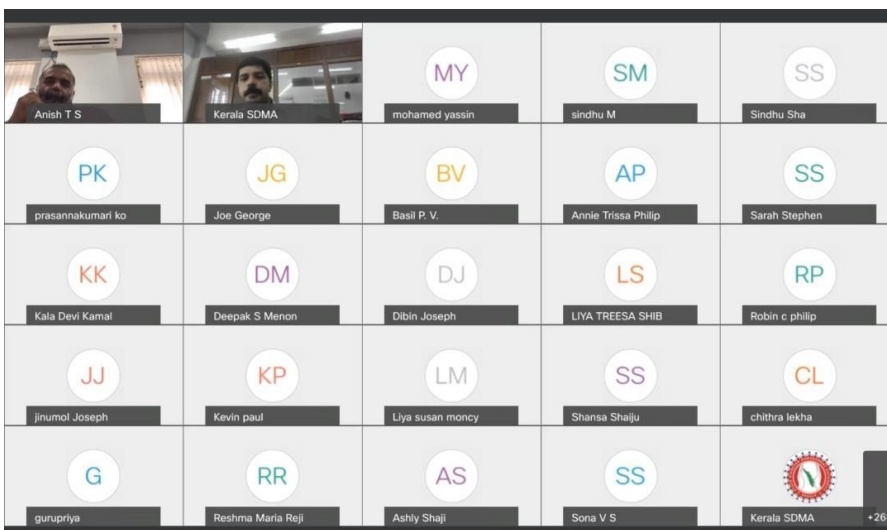


Communication and Community Engagement. Throughout the session there was engagement with questions and discussion.

Session Summary

- The importance of communication and what all are the important things we need to take care to improve that communication skills
- Proper communication should be taken in the community to discuss about the risk of COVID 19 faced by different age group people and it can be done through different institutional mechanisms like Kudumbashree etc.
- Identification of highly vulnerable communities in the society and make them understand the risks of COVID 19 and make them understand how to stay safe and free from it.
- The main purpose of Risk Communication is to assist the community, persuade the community, providing real time datas to them and to create a trust in the community.
- The various communication techniques that the society can access now in the context of COVID 19 (Social medias, print medias etc.)
- Make aware of the community about the do's and don'ts
- While communicating the risk, important thing which one should keep in mind are the cognitive, affective and psychomotor domains of it.
- Importance of preverbal & body language while communicating risk.
- While communicating the risk, be aware of barriers in communication such as Physical, Social, Physiological and Psychological barriers.
- The risk rate in Kerala in the context of COVID 19.

Session screen and flyer



Session II

“Personal protection of frontline workers”

01 October 2020


KSDMA in collaboration with Sphere India conducted webinar on "personal protection of frontline workers on 1st October 2020. The aim of the webinar is to sensitise participants on importance of personal protective measures and measures undertaken to ensure safety of health care workers and other volunteers. Dr Rethesh K H Government Medical College, Trivandrum was the key speaker that was moderated by Vijeesh. P Programme coordinator Sphere India. About 247 participants from various field and districts attended the webinar.

Resource persons:



Dr Rethesh K H, MBBS
MD

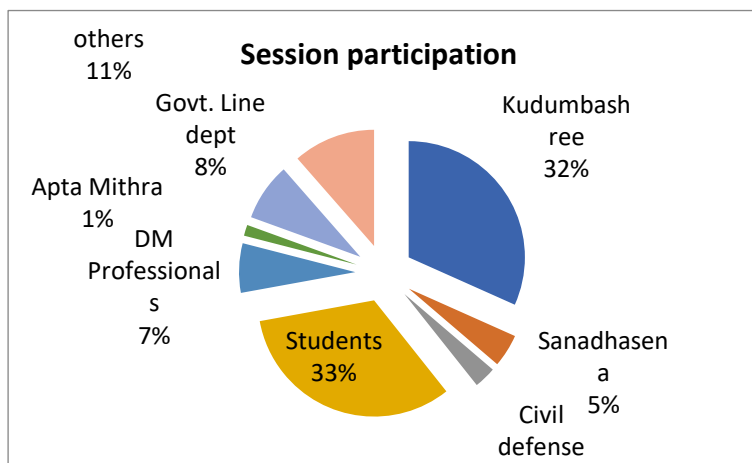
Associate Professor, Department of
Community Medicine, Government Medical College, Trivandrum

 Total No. of Participants 247	Shareable Link:
	Resource Material: http://www.sphereindiacovid19academy.org/home/covid_kerala
	Certificate : http://www.sphereindiacovid19academy.org/home/index
	Participation details Click Here

Throughout the session there was engagement with questions and discussion.

Session Summary

- Corona virus disease (COVID-19) is an infectious disease caused by a newly discovered corona virus called SARS-CoV-2.
- A Pandemic is an epidemic that's spread over multiple countries or continents.



- On 30 January 2020, the Director-General of the World Health Organization (WHO) declared the outbreak of COVID-19 to be a public health emergency of international concern and issued a set of temporary recommendations.

- The Black death was the deadliest pandemic recorded in human history. The

Black Death resulted in the deaths of up to 75–200 million people in Eurasia and North Africa, peaking in Europe from 1347 to 1351.

- The Spanish flu, also known as the 1918 flu pandemic, was an unusually deadly influenza pandemic caused by the H1N1 influenza A virus. Lasting from February

1918 to April 1920, it infected 500 million people – about a third of the world's population at the time – in four successive waves.

- In India first Covid-19 case was reported on 30 January 2020. As of September 30 2020, 6,225,763 people are tested positive and 97,497 deaths have been reported, in India.
- As of now, there are 169 candidate vaccines and 26 human trials going on around the world.
- Medicines used to control community outbreak are: Chloroquine, Dexamethasone, Remdesivir, Flavipiravir
- Most common symptoms of COVID 19 are Fever, Dry cough, Tiredness, Diarrhea
- The spread of the disease occur by personal contact, contaminated objects etc.
- To stop the spreading of the disease is simple techniques like maintain social distancing, wear mask avoid touching eyes, nose and mouth, practice respiratory hygiene, wash your hands often (use soap and gel alcohol), maintain self hygiene,
- The people most at risk of COVID-19 infection are those who are in close contact with a suspect/confirmed COVID-19 patient or who care for such patients.
- Personal Protective Equipments (PPEs) are protective gears designed to safeguard the health of workers by minimizing the exposure to a biological agent.

Session screen and flyer



Session III

“Understanding Gender, Gender mainstreaming and addressing GBV in humanitarian action”

03 October 2020

KSDMA in collaboration with Sphere India conducted webinar on " Understanding Gender, Gender Mainstreaming and Addressing GBV in humanitarian action” on 3rd October 2020. The aim of the webinar is to sensitise participants on gender based issues throughout the outbreak of covid 19 and to discuss strategies to address COVID-19 related gender issues that are aligned with labour standards. Dr.K.B Valsalakumari IAS (Ret.), former principal secretary, Govt.of Kerala was the key speaker that was moderated by Nishad.P Programme

Manager, Kudumbasree. About 458 participants from various field and districts attended the webinar. Throughout the session there was engagement with questions and discussion.

Resource persons:



Dr. K.B Valsalakumari
IAS (Ret.)
Former Principal Secretary,
Govt. of Kerala



Total No. of
Participants
458

Shareable Link:

Resource Material:

http://www.sphereindiacovid19academy.org/home/covid_kerala

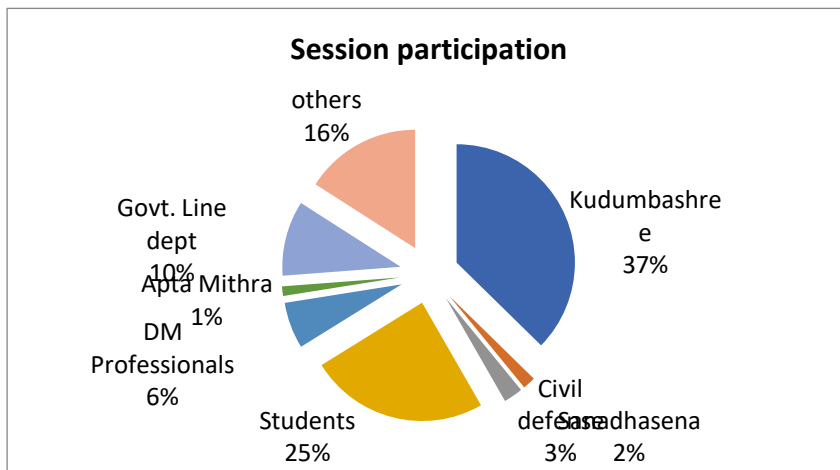
Certificate :

<http://www.sphereindiacovid19academy.org/home/index>

Participation details [Click Here](#)

Session Summary

- Gender is not a natural one it is made by human which means that an unequal power between men & women. It is an identity which may differ according to religion, society, country etc

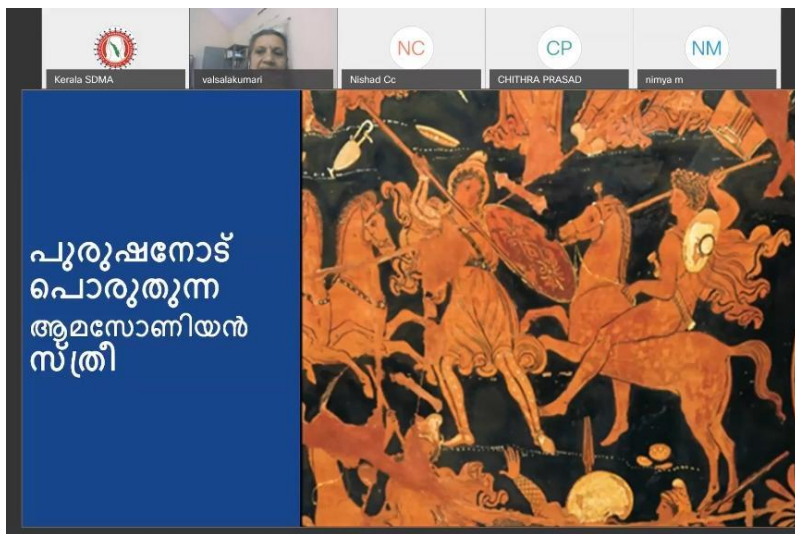


- The classification of gender are of mainly two types Binary and Non- Binary
- The classification of gender varies like the work and place they acquire in the society and in addition of the duties and responsibilities they have in the society.

- The discrimination faced by the female in society.
- The concept of equality and equity in society based on the gender discrimination. Equity is needed rather than equality.
- The necessary things needed by females in society based on gender and it's classification as primary needs and strategic needs.
- The concept of mainstreaming of gender in the society and it should focuses on the interest of the particular gender.
- The main aim of mainstreaming is to standardize the public programmes by including both the gender into it.
- Mainstreaming of gender will also increase the efficient allocation of resources and improve sustainable social development of the society,
- The main steps included in the gender mainstreaming is also discussed in the session.

- The concept of gender budgeting, how to implement it, what all are the steps need to focus while implementing were discussed in the session
- Violence's faced by the gender in society especially the violence's faced by the women in addition of that CEDAW were discussed.
- The classification of violence's faced by the women in the society is sexual, physical, economic and emotional/ psychological.
- Personal Protective Equipments (PPEs) are protective gears designed to safeguard the health of workers by minimizing the exposure to a biological agent.

Session screen and flyer

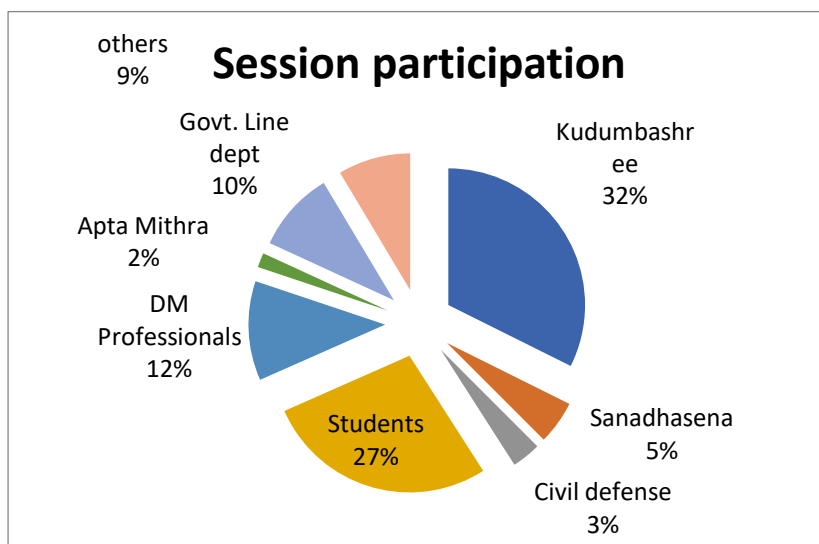


Session IV

“Mental health and psycho social issues during covid 19”

05 October 2020

KSDMA in collaboration with Sphere India conducted webinar on "Mental health and psycho social issues during covid 19” on 5th October 2020. The aim of the webinar is to sensitise participants on importance of mental health and psychosocial considerations during the covid 19 outbreak. Dr. Kiran P S, State nodal officer mental health programme, Govt. of Kerala



was the key speaker that was moderated by Vijeesh. P, Programme Coordinator, Sphere India. About 402 participants from various field and districts attended the webinar



Total No. of
Participants
402

Shareable Link:

Resource Material:

http://www.sphereindiacovid19academy.org/home/covid_kerala

Certificate :

<http://www.sphereindiacovid19academy.org/home/index>

Participation details [Click Here](#)

Resource persons:

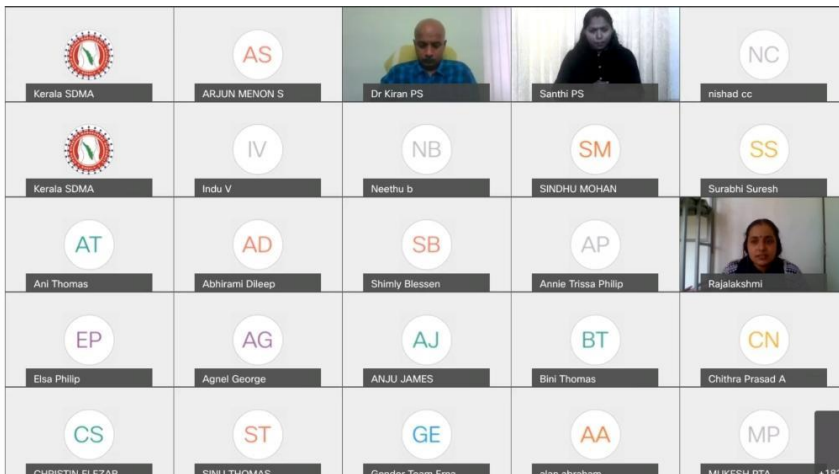
Dr.Kiran P S, State nodal officer
Mental health programme, Govt. of Kerala

Throughout the session there was engagement with questions and discussion.

Session Summary

- Emotional reactions such as fear, anxiety, grief, hyper-vigilance, intrusive memories, and despair are universal responses in people experiencing unforeseen disastrous events beyond their coping capacity.
- The PSS interventions must be attached to general relief work and general health services after disasters.
- A well-planned and coordinated general relief work adequately addressing the needs of the affected people will have a positive impact on their mental health and psycho-social needs.
- In this time, a psycho social support calls and a distress helpline would help alleviate the stress experienced by many, who are at home or infected/suspected cases who are in quarantine.
- Psycho Social Support teams were constituted in all districts, under District Mental Health Programme (DMHPs). Under the supervision of nodal officer DMHP it includes psychiatrists, psychiatric social workers, clinical psychologists, social workers and counsellors (ICDS, ICTC & NHM).
- One psycho social helpline for those in quarantine/isolation and second one for Health Personnel working in Covid control activities have been arranged in all districts (in addition to the DISHA Helpline Number for the entire state).
- All persons in Quarantine/Isolation are called, given reassurance and district helpline Number provided to call back in case of any psychological need.
- Decrease watching/ listening and discussing news regarding COVID-19 on news or social media
- Get the facts right, try to avoid information put up on media from unreliable sources. Go through government websites for any information related to COVID 19
- Refrain from passing on unreliable information which can create panic among public
- Be empathetic and Support each other- friends /family / others
- Avoid stigmatizing people who have COVID-19 or are in quarantine.
- Avoid conflicts with others over concerns about essential services- state government help lines are available to address the queries
- Engage in other activities such as gardening, playing indoor games, listening to music
- Try to do physical activity to keep yourself fit physically, practice yoga, breathing exercises, eat healthy

Session screen and flyer



Session V

“Role of civil society and CBOs in the covid 19 preparedness”

07 October

KSDMA in collaboration with Sphere India conducted webinar on "Role of civil society and CBOs in the covid 19 preparedness" on 7th October 2020. The aim of the webinar is to sensitise civil society organisations and Kudumbashree on various aspects of GO-CBO/NGO coordination for Covid 19 response. Annie George, Chief Executive Officer, Bedrock was the key speaker that was moderated by Dr. Ajil Abdullah, Convener, IAG, Kozhikode district. About 482 participants from various field and districts attended the webinar. Throughout the session there was engagement with questions and discussion.

Resource persons:



Annie George
Chief Executive Officer,
Bedrock



Total No. of
Participants
458

Shareable Link:

Resource Material:

http://www.sphereindiacovid19academy.org/home/covid_kerala

Certificate :

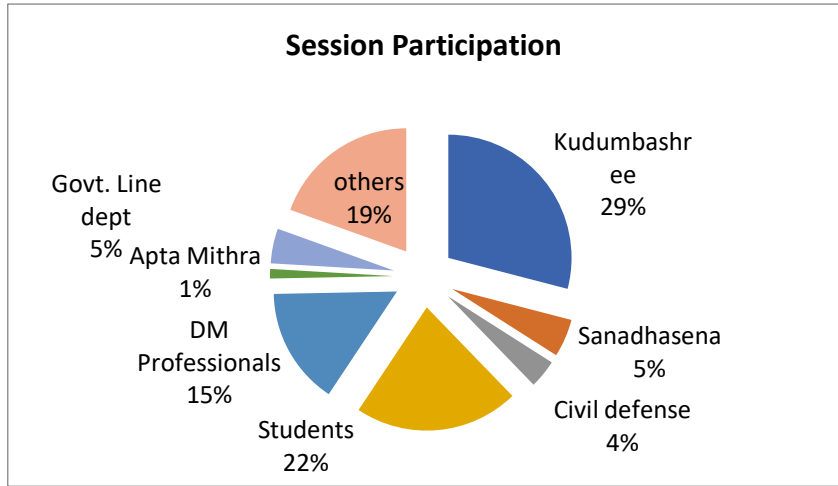
<http://www.sphereindiacovid19academy.org/home/index>

Participation details [Click Here](#)

Session summary

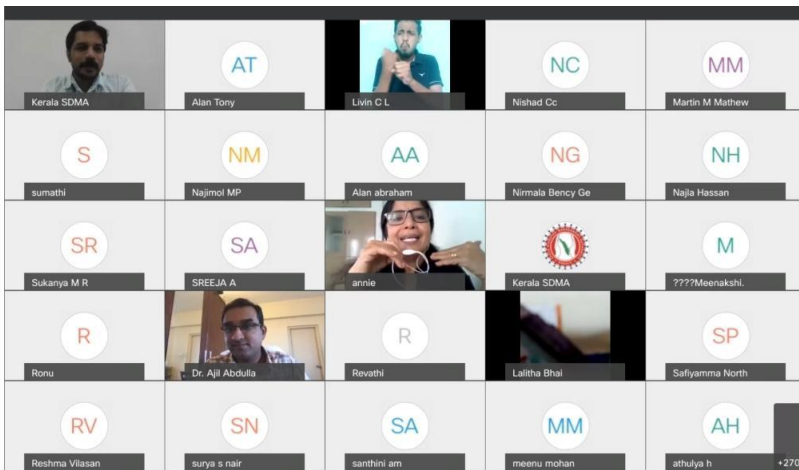
- Kerala, a small pinpoint on the Global map, created history, with the Kerala Model. This Model was built on the four pillars of Preparedness, Systems, a strong foundation of decentralisation and the voluntary spirit of community based organisations, like the Kudumbashree
- Coordination and Synchronisation
 - a) Revenue/ Health/ Civil Supplies/ Social Protection/Police/ LSGs/ CBOs

- b) Well established Network – Subsidiarity ensured
- c) Health-Directorate to PHCs , ASHA Workers and Aarogya Sena, Sannadha Sena
- d) PDS- Civil



- Supplies Directorate to Individual Ration Shops- Ration Cards made available within a week- Revenue Dept & Civil Supplies
- e) Speed at Operational level only possible because of the strong LSGIs and CBOs
- Role of CSOs/ CBOs/ NGOs
 - a) “Stand Alone” NGOs/ CSOs role is limited, other than at Panchayath levels but, as a group, the scope is enormous- Need a “tipping Balance” in terms of scale
 - b) As IAG, the CSOs, including NGOs can make a difference
 - c) Adapt the “4 W’s” Concept for continuous data collection of affected communities- not just to collate info on NGO based activities. Align it with the data requirement at Govt/ Dept levels, Ensure Geographical coverage- pan village/ district/state, Quick Dip stick Studies:
 - d) To analyse effectively of programmes in place, Levels of equity and inclusion, emerging concerns, ensure “tipping balance”, Feed into Policy discussions and planning, recovery planning & implementation, reaching the unreached, bringing to the fore cross- cutting issues
 - e) Looking at Recovery plans through the Risk Reduction lens and Monitoring / Tracking

Session screen and flyer



Session VI

“Disaster planning; state, district & LSG Plans”

09 October

KSDMA in collaboration with Sphere India conducted webinar on "Disaster planning; state, district & LSG plans" on 9th October 2020. The aim of the webinar is to sensitise participants on importance of planning process in disaster management. G. Padmanabhan, former emergency analyst, UNDP was the key speaker that was moderated by Joe George, SPO,KSDMA. About 548 participants from various field and districts attended the webinar

Resource persons:



G. Padmanabhan

Former emergency analyst, UNDP



Total No. of Participants
548

Shareable Link:

Resource Material:

http://www.sphereindiacovid19academy.org/home/covid_kerala

Certificate :

<http://www.sphereindiacovid19academy.org/home/index>

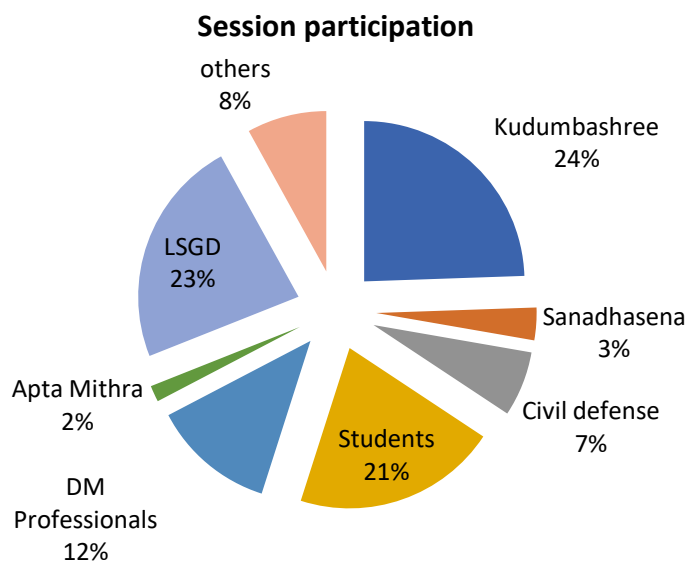
Participation details [Click Here](#)

Session Summary

- Managing natural or human induced disaster is required to survive and save assets.
- Impacts of a disaster can be reduced if the resources and responsibilities are organised and managed at various stages such as preparedness, response, recovery and mitigation.
- Disaster management plan is a living document - periodically modified to address emerging requirements. It provides a guide to the protocols, procedures, and division of responsibilities in emergency response.
- COVID-19 a reminder that hazards within existing risk profile can affect lives,

livelihoods and health beyond what we had imagined. With climate change this is expected to worsen

- Potential impact of hazards on health, social, economic, financial, and political and other systems are interlinked and it affects sustainable

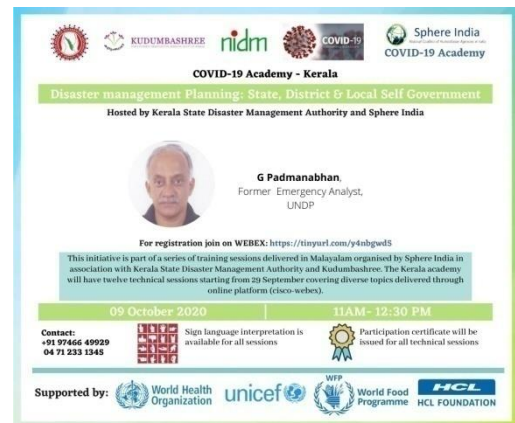
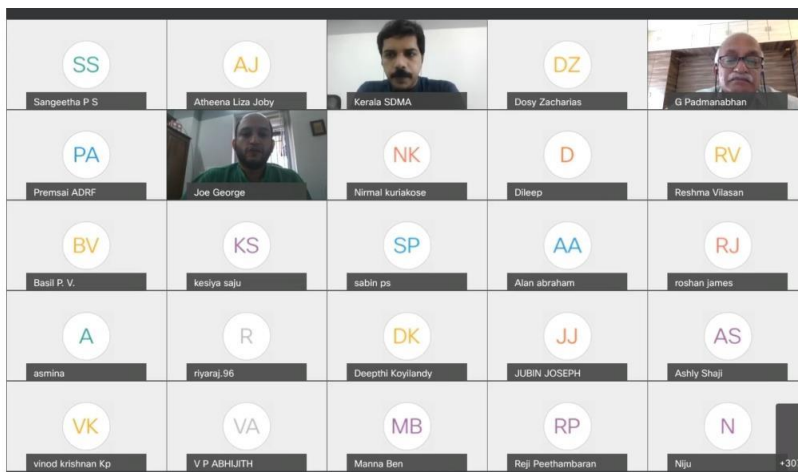


development and climate change adaptation.

- Prioritisation of hazards should be made in the context of the risk management objectives of each stakeholder.
- Risk is dynamic - it is important to understand various dimensions of it though extensive research. This is required to get more clarity on the direct and indirect linkages and effects of natural, biological, technological and other human-induced hazards, and to understand cascading and complex hazards and risks in a systematic way.

Throughout the session there was engagement with questions and discussion.

Session Screen and flyer



Session VII "School safety"

11 October

KSDMA in collaboration with Sphere India conducted webinar on "School safety" on 11th October 2020. The aim of the webinar is to sensitise participants on importance of School safety and online schooling safety guidelines and also to discuss strategies to address cyber security related issues. Hari Kumar Regional Coordinator for South Asia, Geo Hazards was the key speaker that was moderated by Ramesh Krishnan, Director, FDA. About 389 participants from various field and districts attended the webinar

Resource persons:



Hari Kumar
Regional Coordinator for South Asia, Geo Hazards



Total No.
of
Participants
389

Shareable Link:

Resource Material:

http://www.sphereindiacovid19academy.org/home/covid_kerala

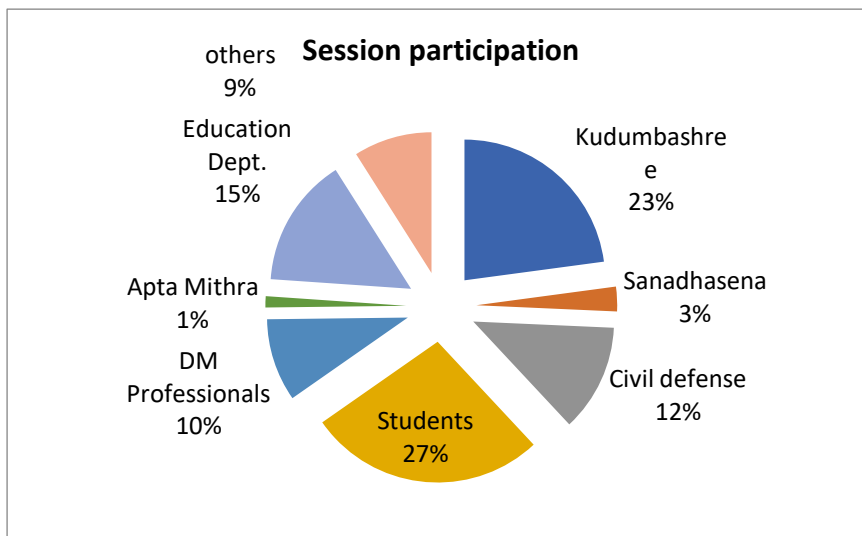
Certificate :

<http://www.sphereindiacovid19academy.org/home/index>

Participation details [Click Here](#)

Session summary

- Children are the most valuable segment of any culture or society since the future rests in their hands.
- Children, the ill, and the elderly are generally the most vulnerable segments of society.



Children generally have no choice when they are exposed to unacceptably high levels of risk in their school buildings.

- COVID-19 has shifted focus from classroom teaching and learning to online teaching and learning.

- This is a new medium for majority of people, including

teachers and students

- The shift occurred suddenly and most of us were not prepared.
- Over time people have adapted but so have hackers and bullies.
- Issues faced during online classes; Phishing scams, Spyware, ransomware and malware attacks, shortage of trained IT staff ,cyber bullying, unknown people joining in the class.

Throughout the session there was engagement with questions and discussion.

Session screen and flyer



COVID-19 Academy - Kerala
Session on School Safety
 Hosted by Kerala State Disaster Management Authority and Sphere India

Mr. Hari Kumar
 Regional Coordinator for South Asia, Geo Hazards

For registration join on WEBEX: <https://tinyurl.com/y5gvnf44>

This initiative is part of a series of training sessions delivered in Malayalam organised by Sphere India in association with Kerala State Disaster Management Authority and Kudumbashree. The Kerala academy will have twelve technical sessions starting from 29 September covering diverse topics delivered through online platform (cisco-webex).

12 October 2020 | **11AM - 12:30 PM**

Contact: +91 97466 49929 | 04 71 233 1345

Sign language interpretation is available for all sessions

Participation certificate will be issued for all technical sessions

Supported by: World Health Organization, UNICEF, WFP World Food Programme, HCL FOUNDATION

Session VIII

“Prime Ministers’ Ten point agenda for DRR”

14 October


KSDMA in collaboration with Sphere India conducted webinar on "Prime Ministers’ ten point agenda for DRR” on 14th October 2020. The aim of the webinar is to sensitise participants on importance of PM’s ten point agenda for DRR. Jaimon Uthoop, Policy Specialist, SDGs, UNDP was the key speaker that was moderated by Ajin R S. Hazard Analyst, KSDMA. About 358 participants from various field and districts attended the webinar

Resource persons:



Jaimon Uthoop

Policy Specialist, SDGs, UNDP

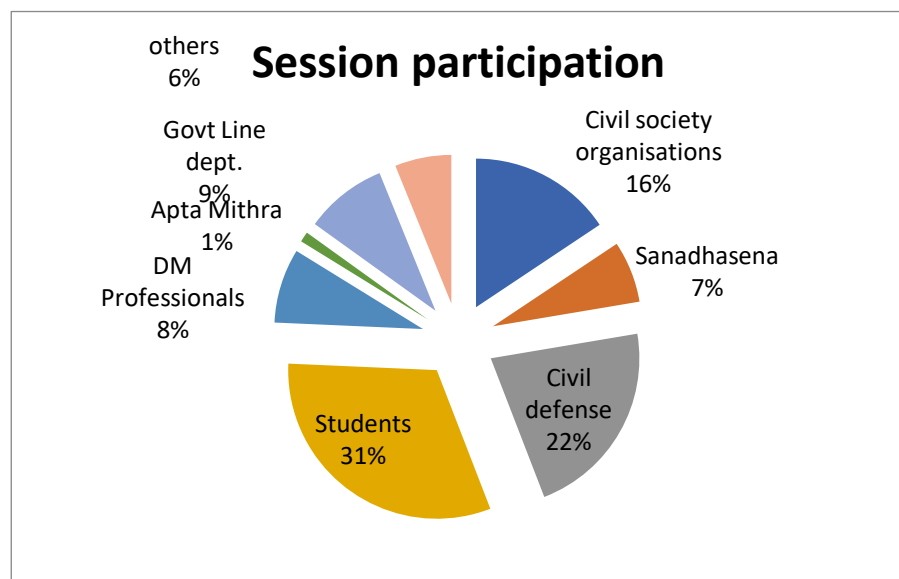
 Total No. of Participants 358	Shareable Link: Resource Material: http://www.sphereindiacovid19academy.org/home/covid_kerala Certificate : http://www.sphereindiacovid19academy.org/home/index Participation details Click Here
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Session summary

- Urbanization will pose greater challenges for disaster risk management, by concentrating people, property and economic activity in smaller areas, many of them in disaster prone locations.
- If we do not manage this growth, in terms of both planning and execution, the risk of economic

and human losses from disasters will be higher than ever before

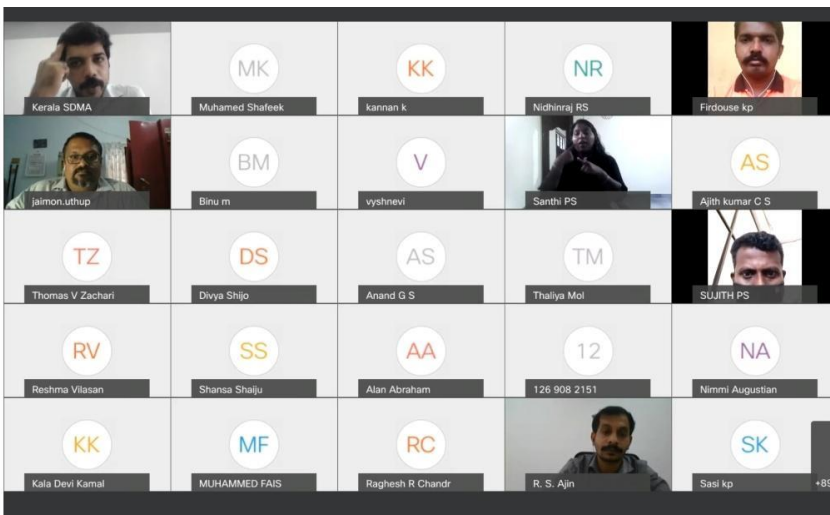
- Prime Minister during the 7th Asian Ministerial Conference (first after Sendai



Framework) in November 2016 outlined the Agenda 10 on Disaster Risk Management. He spoke about the two important frameworks to shape the future of the

humanity; The Sustainable Development Goals, the Paris Agreement on Climate Change.

- National as well as International dimensions ,Whole of the society approach – State / Central Government Departments, Academia, Civil Society Organisation, International Organisations, Private Sector .Disaster Risk Reduction given pivotal role in supporting adaptation to climate change as well as sustainable development.
- All development sectors must imbibe the principles of disaster risk management
- While a planned development can reduce the risks of disasters, the absence of proper planning can aggravate them. It is, therefore, essential to imbibe disaster risk reduction approach in all development schemes.
- A smart strategy adopted, and new infrastructures are built with best available standards of disaster safety
- India is working with other partner countries and stakeholders for promoting disaster resilient infrastructure.
- CDRI is a partnership of national governments, UN agencies and programmes, multilateral development banks and financing mechanisms, the private sector, and knowledge institutions that aims to promote the resilience of new and existing infrastructure systems to climate and disaster risks, thereby ensuring sustainable development.
- The Sendai Framework for Disaster Risk Reduction (SFDRR) highlights the role of improved disaster resilience of infrastructure as a cornerstone for sustainable development.



Session screen and flyer



Session IX “Sustainable Development Goals (SDGs)”


16 October

KSDMA in collaboration with Sphere India conducted webinar on "Sustainable Development Goals (SDGs)" on 16th October 2020. The aim of the webinar is to sensitise participants on concept of sustainability and its core elements and DRR aspects. Dr. Joy Elaman, Director General, Kerala Institute of Local Governance (KILA) was the key speaker that was moderated by Vijeesh.

P, Programme coordinator, Sphere India. About 494 participants from various field and districts attended the webinar

Resource persons:

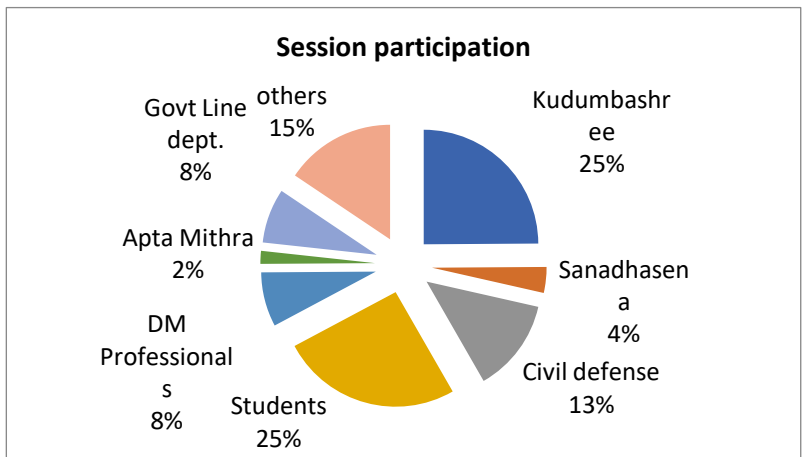


 Total No. of Participants 494	Shareable Link:
	Resource Material: http://www.sphereindiacovid19academy.org/home/covid_kerala Certificate : http://www.sphereindiacovid19academy.org/home/index Participation details Click Here

Dr. Joy Elaman
 Director General, Kerala Institute of Local Governance (KILA)

Session Summary

- 2030 agenda and SDGs
- Build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters
- Ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.
- Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks
- Ensure that all learners acquire the knowledge and skills needed to promote sustainable development including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development
- Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all
- Protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes.
- Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all.



- significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations
- Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning
- Sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans
- Ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and dry lands, in line with obligations under international agreements.
- Ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for 19 sustainable development.

Session screen and flyer



Session X “Climate Change and extreme events”

17 October

KSDMA in collaboration with Sphere India conducted webinar on "Climate change and extreme events" on 17th October 2020. This session is to sensitise participants on climate change and its linkage with the extreme disaster events and also the funding sources and financing agencies associated with CCA. Dr. M.G Manoj Scientist, Cochin University of Science and Technology was the key speaker that was moderated by Dr. Pratheesh. C. Mammen, State coordinator, Unicef – KSDMA project. About 266 participants from various field and districts attended the webinar

Resource persons:



Dr. M.G Manoj
Scientist, KUSAT

Session Summary

- With increasing global surface temperatures the possibility of more droughts and increased intensity of storms will likely occur. More heat in the atmosphere and warmer ocean surface temperatures can lead to increased wind speeds in tropical storms.
- Rising sea levels expose higher locations not usually subjected to the power of the sea and to the erosive forces of waves and currents.
- More than 2,000 people lost their lives due to climate-related disasters in India, which suffered losses estimated at USD 37.8 billion. In 2017, there were 2,726 deaths related to extreme weather events that led to economic losses of USD 13.8 billion, the Global Climate Risk Index 2019 had said
- In India, temperatures went up to 50 degrees and the country experienced extreme water stress. Due to a drought in the southern state of Tamil Nadu and empty water reservoirs, provincial capital Chennai went through a long period of extreme water crisis.
- Global climate negotiations need to address the lack of additional climate finance to help the poorest people and countries in dealing with these disasters,


Session screen and flyer

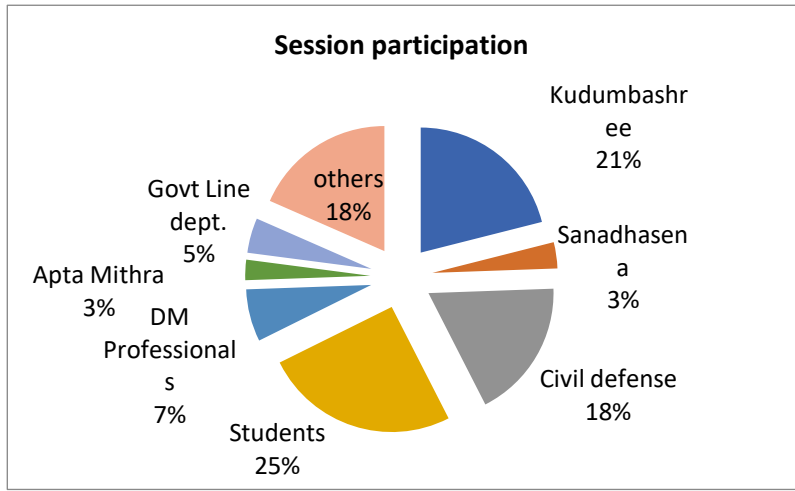
If S is the solar constant, R the mean radius of the earth and α is the albedo (~ 0.3), then the equilibrium temperature of the earth's surface can be estimated as:

$$S(1 - \alpha) \pi R^2 = \sigma T^4 4\pi R^2$$

$$T = \left[\frac{S(1 - \alpha)}{4\sigma} \right]^{3/4}$$

where σ is the Stefan-Boltzman constant
 $\sigma = 5.67 \times 10^{-8} \text{ W m}^{-2} \text{ K}^{-4}$

 Shareable Link:
 Resource Material:
http://www.sphereindiacovid19academy.org/home/covid_kerala
 Certificate :
<http://www.sphereindiacovid19academy.org/home/index>
 Participation details [Click Here](#)



COVID-19 Academy - Kerala
Climate change and extreme events
 Hosted by Kerala State Disaster Management Authority and Sphere India

Dr. Manoj M.G
 Scientist, ACARR
 Cochin University of Science and Technology

For registration join on WEBEX: <https://tinyurl.com/vy5e2ndg>

This initiative is part of a series of training sessions delivered in Malayalam organised by Sphere India in association with Kerala State Disaster Management Authority and Kudumbashree. The Kerala academy will have twelve technical sessions starting from 29 September covering diverse topics delivered through online platform (zoom-webex).

17 October 2020 | **11AM - 12:30 PM**

Contact: **+91 97466 49929**
06 71 233 1345

Sign language interpretation is available for all sessions

Participation certificate will be issued for all technical sessions

Supported by:

Session XI

“Sendai framework for Disaster Risk Reduction”

19 October

KSDMA in collaboration with Sphere India conducted webinar on "Sendai Framework for Disaster Risk Reduction (DRR)" on 19th October 2020. This session is to sensitise participants on importance of Sendai framework and its connection with SDGs. Prof. Vinod .C Menon, Former member, NDMA was the key speaker that was moderated by Vijeesh.P, Programme coordinator, Sphere India. About 409 participants from various field and districts attended the webinar

Resource persons:



Prof. Vinod .C Menon
Former member , NDMA



Total No.
of
Participant
s
409

Shareable Link:

Resource Material:

http://www.sphereindiacovid19academy.org/home/covid_kerala

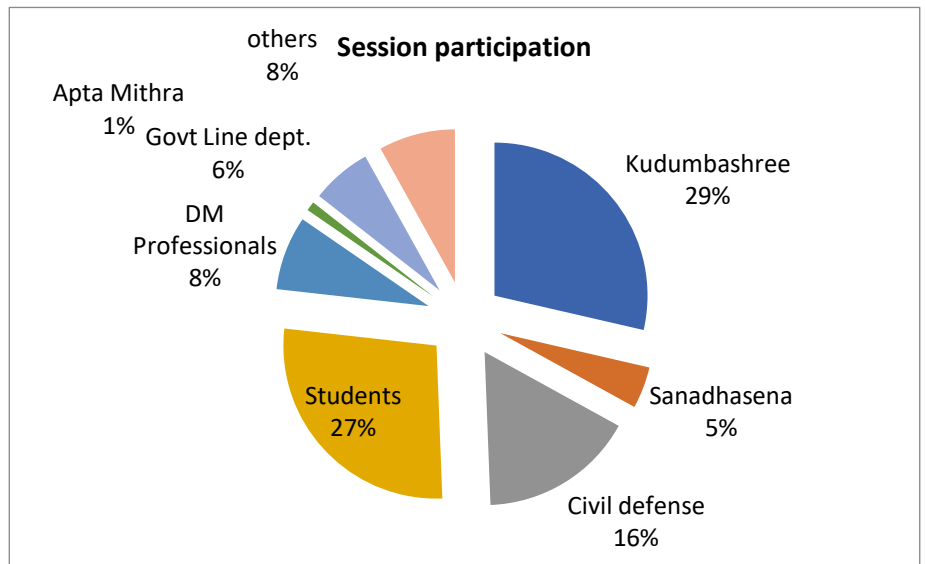
Certificate :

<http://www.sphereindiacovid19academy.org/home/index>

Participation details [Click Here](#)

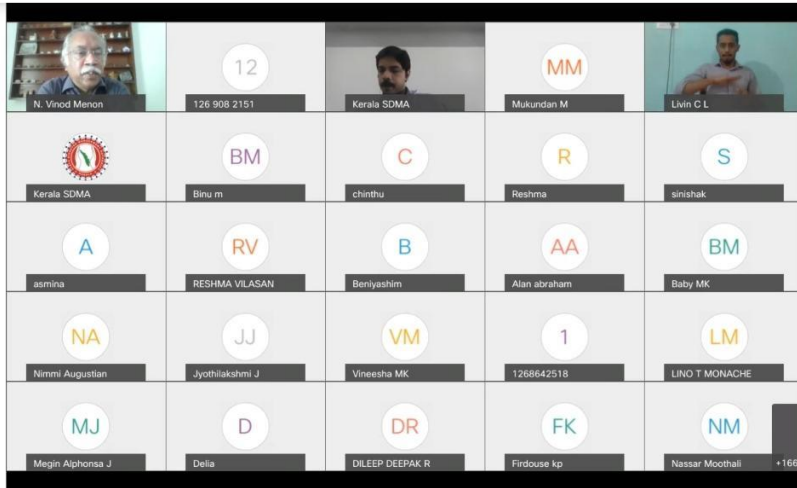
Session summary

- The Sendai Framework for Disaster Risk Reduction (SFDRR) 2015-2030 (Sendai Framework) is a 15-year, voluntary, non-binding agreement which recognizes that the national Governments have the primary role to reduce disaster risk but that responsibility should be shared with other stakeholders including local governments, the private sector, and other stakeholders.
- SFDRR aims for the following outcome: the substantial reduction of disaster risk and losses in lives, livelihoods, and health and Substantial reduction in the disaster risk and losses in the economic, physical, social, cultural and environmental assets of persons, businesses, communities, and countries.
- The four priorities of the Sendai Framework are:



- a) Understand Disaster Risk
- b) Strengthen Disaster Risk Governance to Manage Disaster Risk
- c) Invest in Disaster Risk Reduction for Resilience, and
- d) Invest in Disaster Preparedness to Enhance Response and
- e) “Build Back Better” in Recovery, Rehabilitation, and Reconstruction

Session screen and flyer



Session XII “Disability Inclusive Disaster Risk Reduction”


21 October

KSDMA in collaboration with Sphere India conducted webinar on "Disability Inclusive Disaster Risk Reduction" on 21st October 2020. This session is to sensitise trainees on specific issues and concerns regarding persons with disabilities and the Covid-19 pandemic in India and to provide trainees with basic tools so that they can tailor their response to better address the specific needs and capacities of people with disabilities. Dr. Muhamed Asheel, Executive Director, KSSM was the key speaker that was moderated by Joe George, SPO, SDMA. About 362 participants from various field and districts attended the webinar

Resource persons:

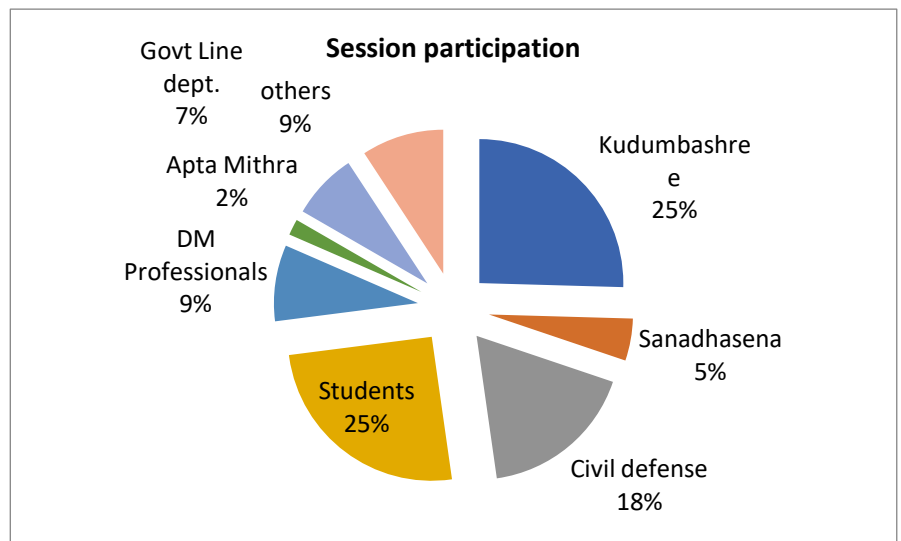


Dr. Muhamed Asheel,
Executive Director, KSSM

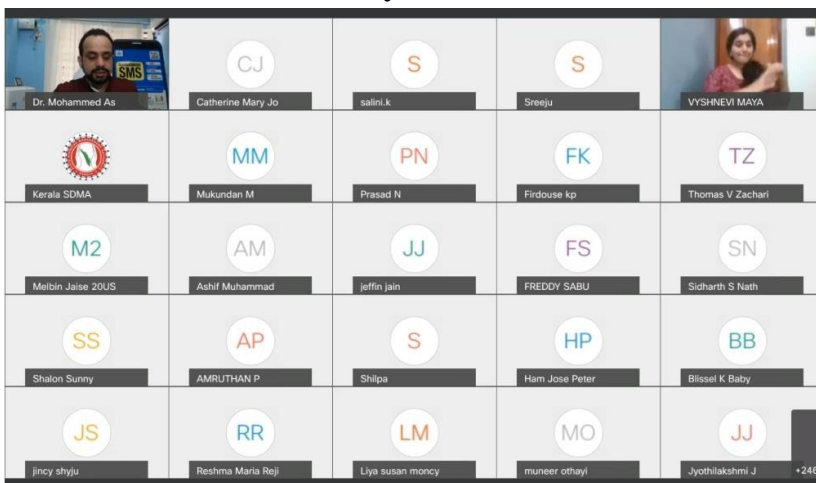
 Total No. of Participants 362	Shareable Link: Resource Material: http://www.sphereindiacovid19academy.org/home/covid_kerala Certificate : http://www.sphereindiacovid19academy.org/home/index Participation details Click Here
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Session summary

- Persons with disability are especially vulnerable when disasters strike , not only due to aspects of their disabilities but also because of ; adverse socio economic outcomes than persons without disabilities, including higher poverty rates
- Disasters and poverty planned disaster response and recovery efforts can exacerbate these disparities, leaving persons with disabilities struggling to cope even more both during and after the emergency
- Ensure that persons with disabilities have a seat at the table
- It is vital to include them in the designs, implementation, and monitoring of these activities
- Increase awareness among government on the needs of persons with disabilities



Session screen and flyer



COVID-19 Academy - Kerala
Disability Inclusive Disaster Risk Reduction
 Hosted by Kerala State Disaster Management Authority and Sphere India

Dr. Mohammed Asheel
 Executive Director,
 Social security mission, Gov of Kerala

For registration join on WEBEX: <https://tinyurl.com/y599b8ru>

This initiative is part of a series of training sessions delivered in Malayalam organised by Sphere India in association with Kerala State Disaster Management Authority and Kudumbashree. The Kerala academy will have twelve technical sessions starting from 29 September covering diverse topics delivered through online platform (cisco-webex).

21 October 2020 | **11AM- 12:30 PM**

Contact: +91 97466 49929 | 04 71 233 1345

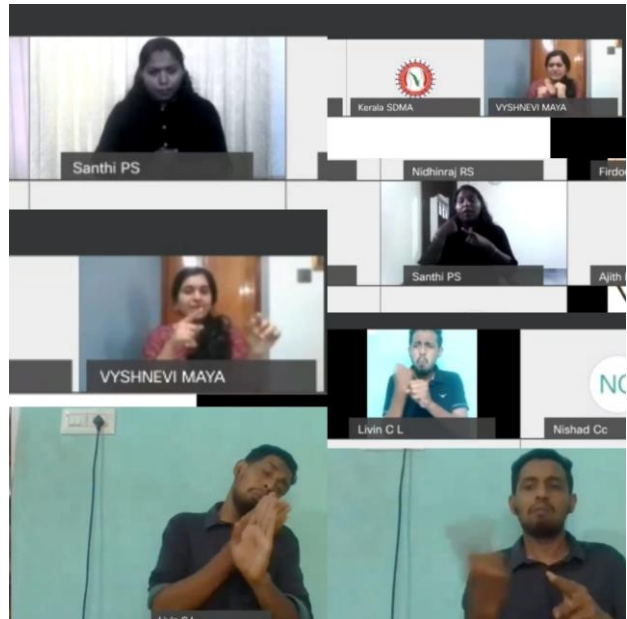
Sign language interpretation is available for all sessions

Participation certificate will be issued for all technical sessions

Supported by: World Health Organization, unicef, WFP World Food Programme, HCL FOUNDATION

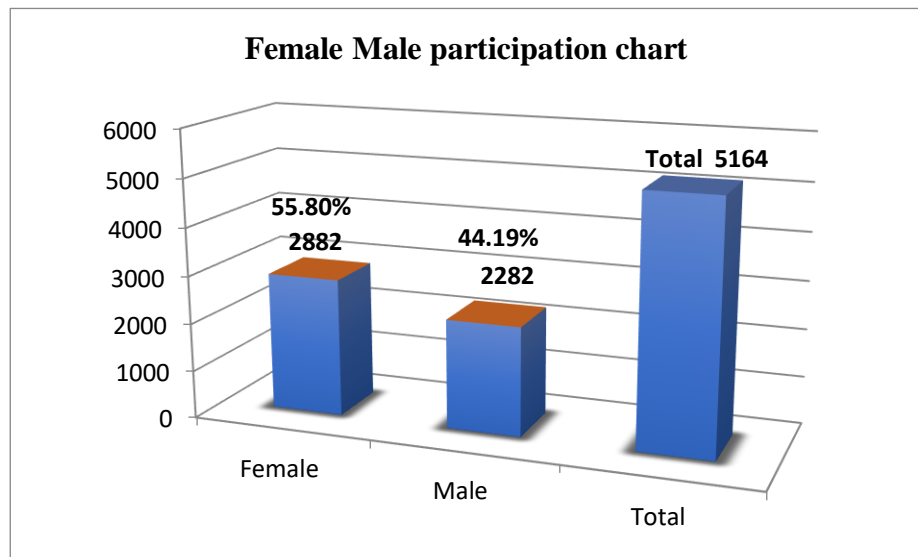
Sign Language Interpretation

All twelve sessions were supported with sign language interpreter service. The service was delivered in association with National Institute of Speech and Hearing (NISH), Trivandrum. About ten to fifteen participants from differently able category attended each session. Shanti. P S, Vyshnavi Maya and Livin C.L handled interpretation service.



Outcomes and Way forward

Twelve webinars were delivered in this first phase of COVID 19 Academy - Kerala. These webinars aimed to build the knowledge and expertise in the COVID 19 frontline workers. The webinars were well received. Over 5000 participants, including Kudumbashree, state government officials, academics, and representatives from research institutes, non-governmental organizations (NGOs) and civil defence joined the webinar, off that female participation rate is 55.8 % and male participation rate is 44.19 %. Webinar series created a demand among stakeholders through disseminating the messages at all level. Participation from Local Self Government department and other govt. line departments like Higher education and social justice is admirable. The main function of the Kerala academy was to prepare the volunteers involved for covid 19 and other emergency responses. The volunteers groups, Sanadhasena, Civil Defence and Apta Mithra thus had the



opportunity to get to know the basics of DRR, to jointly discuss the respective instructions for use, to develop suggestions for improvement in response. Kudumbashree state mission has issued proceedings to all districts missions to ensure participation of officials and other frontline workers, while most of the participants from Kudumbashree mission. There is high number participation among CDS, ADS category who has been in the forefront of managing first line treatment centers arranged for covid treatment. Educational institutions; Layola college, Marian College, Vimala College, Holly cross college, St. Thomas college, LISSAH

college were participated in various sessions. Major observations from the sessions are as follows;

1. To develop and update NGO/ civil society data bank at state and district level. Resource management is crucial in emergency operations
2. To assess training need of frontline workers and volunteers based on the findings of the training need assessment, sector wise capacity building training programme for volunteer groups to be developed.
3. Sector specific research and advocacy programme to be taken up in the field of disaster risk reduction by IAGs at district and State

Several participants commented on the need for follow up sessions to be able to explain the practical knowledge on Disaster risk reduction and associated activities. In few sessions, due to connectivity errors, some participants were disconnected. After these webinars, participants commented on the need for proper internet connectivity, especially at rural locations.

According to feedback from participants, the webinar was helpful for them to gain new knowledge and awareness on disaster risk reduction and emergency response during covid 19 pandemic. The academy was also successful in providing both conceptual and practical knowledge from twelve technical sessions.

Annexure I

Report on Impact Assessment Tool of Sessions/Trainings under COVID 19 academy – Kerala

The intent of this ‘Impact Assessment Tool of Sessions/Trainings under COVID 19 Academy’ report is to provide details of the impact of training provided Under covid 19 academy. With 12 training sessions in COVID 19 academy - Kerala, twenty two participants interviewed .The report evaluates the outcome of twelve sessions that were conducted during September & October 2020.

- The training has provided opportunities for knowledge enhancement among disaster management and public health professionals through information sharing, cross-cutting topics on COVID 19 especially in managing stigma and promoting healthy have impacted positively on the training participants. Majority of the respondents shared that the training was very instrumental in increasing understanding on technical knowledge which is beneficial to their professional works. Many sessions like risk communication and community engagement, climate change agenda in covid-19 impacted world and migrant crisis etc gave more insights that helps to engage and develop assessments in work related tasks.

- Based on impact assessment exercise, the Kudumbashree workers who participated in the covid 19 academy – Kerala indicated that it was an excellent training that greatly enhanced their knowledge and understanding of disaster planning, school safety, gender mainstreaming and personal protection of frontline workers. The training helped in enhancing linkages with other government institutions especially the department of revenue and disaster management, which has capacity building training opportunities for Kudumbashree workers.
- Participants in the assessment exercise rated the training positively in terms of content and material. Some participants felt that some topics such as the PMs’ Ten point agenda, Sustainable Development Goals were wide and could not systematically be covered during the short training period.
- Based on the impact assessment exercise among student community, the webinar was helpful for them to gain new knowledge and awareness on disaster risk reduction and emergency response during covid 19 pandemic. Student representatives indicated that academy was also successful in providing both conceptual and practical knowledge from twelve technical sessions. Overall the student respondents were very happy with the training especially on the methodology employed to impart knowledge. The use of training materials and discussion and interaction was very effective in increasing knowledge levels among the participants.
- Several participants commented on the need for follow up sessions to be able to explain the practical knowledge on Disaster risk reduction and associated activities. In few sessions, due to connectivity errors, some participants were disconnected. After these webinars, participants commented on the need for proper internet connectivity, especially at rural locations. Majority of the respondents suggested that audio and video of everyone other than the resource person, sign language interpreter and the host were automatically turned off for a disturbance free session. This would also help giving visibility to the sign language interpreter for those who are not used to digital platforms and are unaware of how to pin that video.
- Most of the training participants have shared that the academy sessions changed their perception and attitude towards certain subjects. The Kudumbashree workers and Civil defence volunteers that were interviewed indicated that sessions like mental health and psychosocial support during covid 19” and “disability inclusive disaster

risk reduction' were new subjects which have changed their attitude towards such category.

- Feedbacks from the disaster management professionals who attended the academy sessions also revealed that majority of them enhanced specific knowledge of disaster management policy or law that they will be using in coming days in their professional carrier, as many of them working in LSG DM Plan as district coordinator, many sessions helped to narrow down the specific objectives of LSG DM plan review /assessment.
- The emergency response task forces like, Kerala civil defence, sanadhasena, Aptamithra who attended the training have also made efforts to reach out to other fellow volunteers and sensitize them on the subjects. Interviews with other student participants also indicated that they have made efforts to share information with other students in their respective colleges.
- As indicated before, the full impact of the training sessions will take time to materialize. However, all the respondents interviewed confirmed that the training has made a difference in their thought process especially their level of understanding on Disaster risk reduction and Covid 19 response.

.end.