



AMERICA WITH KERALA

Uniting for a Disaster Resilient Kerala

DATE: June 24-26, 2019

VENUE: Hotel Apollo Dimora, Thiruvananthapuram



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Centre for Public Policy Research (CPPR), Kochi with support from the U.S. Consulate General in Chennai and the Kerala State Disaster Management Authority (KSDMA) organized a three-day event in Thiruvananthapuram on June 24–26, 2019. The first set of events included a session on *Curriculum on Disaster Management for Higher Education* to ideate and review the development of a curriculum; breakout events in the city to build widespread awareness among the common public; and a two-day workshop and training program on *Disaster Management, Preparedness and Resilience* to provide various stakeholders with the knowledge and skills needed to perform key tasks prior to, during, and after emergencies.

Day 1: Curriculum on Disaster Management for Higher Education

Inaugural Ceremony

Dr. Sekhar Kuriakose, Member Secretary, Kerala State Disaster Management Authority welcomed the gathering. He emphasized on the importance of exchanging ideas and best practices on disaster management with the U.S. Ms. Lauren Lovelace, Consul for Public Diplomacy and Public Affairs, U.S. Consulate General in Chennai articulated that the American experience during hurricanes, wildfires etc could be useful to enhance Kerala's disaster readiness and resilience. She noted that the diversity of stakeholders present in the audience — from the education sector to media — would enrich the workshop. She concluded her introductory remarks stating that the ongoing project will be a continuous learning experience where both Kerala and America are bound to benefit immensely. Dr. Venu V., IAS, Principal Secretary, Revenue and Disaster Management, Govt. of Kerala thanked CPPR for bringing together a spectrum of people under the America with Kerala initiative and he pointed out that every academic program should imbibe learning from experience and the session could give disaster management its rightful place in the higher education curriculum.

Dr. K.T. Jaleel, Honorable Minister for Higher Education, Minority Welfare, Hajj and Wakf, Govt. of Kerala gave the inaugural address. He spoke about three things that feature the most when we confront a disaster — social commitment, knowledge and technology and appealed to leverage on the knowledge and social commitment. The minister congratulated the U.S. Consulate for taking the initiative in organizing the event and hoped for continuity of the initiative.

The Guest of Honor, Mr. Tom Jose, IAS, Chief Secretary pointed out that the response to the second phase of the disaster is more painful and slow. Emergency response and ongoing rehabilitation are two different things and handled differently. This makes it imperative that we train our students to learn about disasters and handling them by making it part of the curriculum. The keynote address was delivered by Dr. Himanshu Grover, Co-Director of the Institute for Hazard Mitigation and Planning at



College of Built Environments, University of Washington. He shared the American experience in disaster management. Every disaster is unique, so it is better to have a framework for knowledge building and knowledge sharing to make it more effective. It is important to maintain a common thread across academic programs. Dr. Rajan Gurukkal, Vice-Chairman, Kerala State Higher Education Council, asserted the need for incorporating social science insights and experimental learning into the curriculum. Dr. D. Dhanuraj, Chairman, CPPR in his vote of thanks expressed gratitude and expected continuous support from all the institutions in making the curriculum a reality.

Focused group discussions on thematic areas

The business end of the workshop began with a focused group discussion to discuss a draft version of a curriculum on Disaster management for Higher education. The draft was prepared by CPPR in consultation with the U.S. Consulate General, Chennai and KSDMA. The discussions centered around five key integral components (mentioned in details below) that encompass all the phases of disaster management. Experts from diverse backgrounds were invited to participate in this curriculum review session to ideate on the development of a course informed by Kerala's disaster management landscape. Based on their field of expertise, participants were divided into five working groups to review each of the five key integral components. After an hour of discussion and deliberation, each group presented their suggestions for further interventions from the floor.

Group 1 —Disaster Management: An Overview, led by Dr. Sekhar Kuriakose, Member Secretary KSDMA

Participants:

1. Dr. Francina P.X., Loyola College
2. Ms. Dhriya D., Goonj
3. Mr. Sanjay Balachandran, KUFOS
4. Dr. Anju S. G., Sacred Heart College
5. Ms. Subulakshmi, Sacred Heart College
6. Ms. Bincy, Sacred Heart College
7. Ms. Neerja R., KILA
8. Ms. Maria George, KILA
9. Ms. Elizabeth Thomas, KILA

Key points from the discussion

- The group pointed out that the proposed module is a very generic framework with topics that suffices only for a single credit course. The participants felt that the module should be presented as a mandatory three-hour seminar for the students during the induction ceremony in their respective colleges.
- Disaster management and its allied subjects should be provided as specializations for the creamy layer students in professional courses. The group debated on whether this should be



considered as a separate subject or added to the compulsory environmental sciences course in colleges.

- While there needs to be a standardized lecture material across the state, if not the entire country, which not only educates the students on the best practices but also opens to them a plethora of opportunities on the same subject, it should be left to the teacher to decide on the best practices to be taught. While the need for a short course is important for adult learning purpose, we must increase the standard of academic courses.
- A common booklet for Kerala can be taken up by the KSDMA with access to various MOOC's.

Group 2 — Housing and Infrastructure, led by Mr. Hari Kumar, Regional Coordinator for South Asia, Geo Hazards International

Participants:

1. Dr. Subha V., CUSAT
2. Dr. Deepa, CUSAT
3. Dr. Rajeev S.P., Rajagiri College of Social Sciences
4. Dr. Priyanjali P., CET
5. Dr. Soumini Raja
6. Dr. Sheeja K. P., CET
7. Mr. S.Mahendranath, IIT Madras
8. Mr. Babu Jose K., Lourdes Engineering College
9. Mr. Nidhin Davis, KSDMA

Key points from the discussion

- The group found the proposed module to be response-oriented and was missing the pre-disaster phase of making our infrastructure more resilient.
- The proposed components of module 2 include land use planning, GIS tools and techniques, natural resource management, laws and regulation, large infrastructure development (like outer ring road, Vizhinjam port), introducing green accounting and ecological process into the budget and micro issues. The objectives of the module (awareness or education or improving skill set) must be clarified. The module should include the importance of the built environment, lifeline structures and basic repair and retrofitting.
- People should be made aware of the traditional methods of housing. There have been several instances of older structures withstanding floods while the newer ones drastically affected. This should be noted and studied to understand the best practices from the past. But in the present time, it is not practical or acceptable to the people as their aspirations about homes (e.g. to have a concrete house) do not let them adopt resilient techniques.
- The group proposed the following sub modules:
 - Practice — building construction (traditional and contemporary practices)
 - Plan — land use planning, water resource management



- Regulation — building/land use (coastal)

Group 3 — Public Health, led by Dr. Anil V, Deputy Superintendent, General Hospital, Trivandrum

Participants:

1. Fr. Philip, Kerala State Commission for Protection of Child Rights
2. Dr. Sindhu Sreedharan, Department of Health Services
3. Dr. Sonny Jose, Loyola College
4. Dr. Rajamohanan, School of Health Policy and Planning Studies
5. Ms. Namitha P., School of Health Policy and Planning Studies
6. Dr. Mohan Roy, Government Medical College, Thiruvananthapuram
7. Ms. Archana P. Mallaya, C5 Foundation
8. Mr. Reji Thomas, YMCA

Key points from the discussion

- The group proposed to structure the curriculum with respect to the disaster management cycle with an all hazards approach. While health has a role in all four phases, the group acknowledged the lack of mental health care in the State's health services.
- The module is proposed to start with a general first aid class i.e. a rudimentary emergency routine before the paramedical corps arrive. The group was in consensus about the need for the students to be aware of local medical facilities and equipment so that they know who to reach out to. A major discussion point was the need to teach volunteer safety. They noted that during the floods, volunteers had no regard for their own safety and jumped into rescue operations. This adds to the hazardous conditions and can further complicate the situation.
- The group proposed to constitute a disaster management cell in all institutions of higher education. This should not be a new committee but must be raised from the existing resources of NSS, NCC, SPC, student union, clubs, etc.
- Since medical preparedness is a vast topic that cannot be compressed into an eight-hour module, the group proposed that this course should cover acute information and a mandated communication network should provide specific information when individuals are mobilized. This will also enable the curriculum to be locality specific.
- It is pertinent that mock drills and situation response analysis be conducted. Government and civil society should take measures to bring technological interventions into this field.



Group 4 — Community Resilience, led by Mr. K.G. Mathaikutty, Professional Volunteer, Disaster Management

Participants:

1. Mr. Joe Jose, UNDP
2. Ms. Divya, All Saint's College, Thiruvananthapuram
3. Dr. J. Devika, Centre for Developmental Studies, Thiruvananthapuram
4. Mr. Bharath Govind, C5 Foundation
5. Ms. Arya, KILA
6. Ms. Amritha, KILA
7. Ms. Jasna, KILA
8. Dr. Sunil B., College of Veterinary and Animal Sciences

Key points from the discussion

- The group started the discussion on how the idea of resilience and community should be communicated in the course.
- The notion of community should be more inclusive, and the module should clear the ground and address the common notions of community and resilience. The notion of community should challenge the entrenched ideas which privilege humans over non-humans.
- There should be an effort to demonstrate how different understandings of community maybe integrated to form an ecological community united in the common interest of survival and sustainability.
- Separate training is recommended for revenue department officials and panchayat members and college students. Faculty should be evolved from the young people who were actively involved in disaster management. Suggestions were also made to include people who are actively involved in the eco restoration efforts.
- Entrusting this course to college teachers could be disastrous since they are already overloaded.
- The activity-based exercise proposal in Module 4 should necessarily be about the local experience of dealing with the floods and rescue efforts.

Group 5 — Risk Communications, led by Dr. Manoj M. G, Research Scientist, Advanced Centre for Atmospheric Radar Research, CUSAT

Participants:

1. Dr. J. K. Reshma, All Saints College
2. Mr. Chiranjit Gayen, Goonj
3. Dr. Subash Chandran, KUFOS
4. Dr. K. R. Baiju, MG University
5. Mr. Anil Kumar T. V., ASAP
6. Dr. Jaikiran, ASAP
7. Mr. Mithun Louis, KILA



8. Mr. V.Mohanachandran, DIET

Key points from the discussion

- The main aim of the module must be to educate people on the risk and crisis communication before, during and after a disaster. It is important that the curriculum remains jargon-free. The group proposed that similar courses must be conducted at the school level as well.
- The more familiar the individuals are with the process, the better equipped they will be to respond to disasters. Thus, mock drills, situation response analysis, field visits, etc were also proposed. The group discussed the lack of documentation of the Kerala floods and criticized the growing prevalence of disaster tourism.
- The State must consider using decentralized local communication systems as the public considers it as a reliable source of information. Along with the general public, the media must be instructed on how to provide their viewers with reliable information and not to exaggerate facts to increase their TRPs.
- The government must consider standardizing the procedure of risk communications and establish a common information platform. Only mandated agencies should give out information during emergencies and people must be aware of these agencies.
- The government could consider introducing legal repercussions for spreading misinformation. Alternative communication systems must be taught to all.

Concluding remarks by Dr. D. Dhanuraj

- Universities find it difficult to sustain post graduate programs as there are fewer takers due to lack of awareness on career opportunities in the Indian context
- An intensive and detailed curriculum is already existing; the idea is not to reinvent the wheel but to focus on some of the areas to bridge the gaps
- The draft curriculum could be a 40-hour intensive course that will lead to creating awareness and teach the basic framework of disaster management
- It is pertinent that we also focus on training the trainers
- An opportunity to be explored in the future — should we draft different curriculum for different professional groups?

Day 2: Workshop on Disaster Management, Preparedness and Resilience

Session 1: Disaster Management an Overview by Dr. Himanshu Grover, Co-Director of the Institute for Hazard Mitigation and Planning at College of Built Environments, University of Washington

Dr. Grover stated that with generalization comes efficiency. It is important to have a common framework to enable preparedness i.e. a common practice that can be followed irrespective of the type of disaster. The vulnerability of a place is both social and natural; we must invest in the community to make it stronger to respond to every disaster. Natural interventions must be disaster specific, but community preparedness enables a swift response irrespective of the type of disaster. With an all



hazards approach we can have a robust plan and response team. Cost Benefit Analysis of the American disaster management system has shown that investing in Mitigation and Preparedness saves money.

Session 2: Psychosocial Care in Disaster Management by Dr. Mohan Roy, Assistant Professor and Consultant Psychiatrist, Medical College, Thiruvananthapuram

Dr. Roy pointed out that 15% to 25% of the affected population are likely to be impacted for a period, while 2% to 3% of the population will have lasting mental disorders impairing their daily lives. There are two types of disaster traumas — individual and community. Dr Roy stressed that disaster mental health assistance is more practical than psychological in nature. The assistance should be uniquely tailored to the communities served. The mantra for a successful intervention is an active outreach approach keeping away traditional methods and mental health labels. Social support systems are also crucial.

Session 3: Role of Civil Society in Flood Risk Management by Mr. K.G. Mathaikutty, Professional Volunteer, Disaster Management

Mr. Mathaikutty stressed on the need for community-based disaster management. Participatory Rural Appraisal and Participatory Learning Appraisal are key approaches to organize and train the task forces. Environmental impact studies should be made mandatory for any project and the community must be involved in this procedure.

Session 4: Medical Preparedness Strategies by Dr. Sindhu Sreedharan, State Nodal Officer for Disaster Management, Directorate of Health Services

Dr. Sindhu recounted that the biggest challenge of the health services during the 2018 floods was to mobilize professional medical practitioners to the restricted areas. Personal safety and self-protection of the volunteers should be a focus area. She also noted that the disease surveillance and decontamination of wells were conducted in a proper manner. She suggested that we establish a mandatory channel to streamline communication with the general public. Institutionalizing the process of mock drills and situation response analysis in hospitals will equip the staff to better prepare for disasters.

Day 3: Workshop continues

Session 5: Relief and Rehabilitation — Governments perspective — during and post floods by Mr. Anu S. Nair, Deputy Collector and Program Officer at the Institute of Land and Disaster Management

Mr. Anu S. Nair spoke about how small efforts can go a long way in keeping the death toll down, like having disaster management booklets and pamphlets for the visually impaired. He said that disaster risk reduction must be institutionalized in all our developmental efforts. It is not enough that we leave it in the law books. He shared several difficulties faced during the relief operations, for instance some



boats got damaged from plying over gates with sharp spikes, from nails fixed on compound walls, or when the outboard engine got locked to the pulley-beam of a submerged well. A total of 58 NDRF teams were deputed to work in Kerala during the floods. Since its formation, this is the highest ever deployment of NDRF in a single state.

Session 6: Disaster Preparedness among School Students by Mr. Joe John George, State Project Officer, KSDMA and IVLP alumnus

Mr. George shared statistics on total damage and losses to education and child protection during the floods, which is estimated at INR 179.48 crore. This includes damages of INR 174.98 crore and loss of INR 4.50 crore. The total recovery and reconstruction need for the education sector for the next 3–5 years is estimated at INR 214 crore. He suggested conducting regular mock drills in schools as part of ensuring school safety. The Post-Disaster Needs Assessment (PDNA) report on Kerala floods has recommended building green schools. The School Safety Program initiated by the United Nations Development Programme (UNDP) has seen positive impacts.

Session 7: Flood Preparedness by Mr. Nidhin Davis, Hazard Analyst (Environmental Planner), KSDMA

Mr. Davis informed the audience about the new disaster preparedness guidelines that has been operationalized by KSDMA. He explained the roles of the State Emergency Operations Centre, the district-level disaster management authorities and various government departments in disaster mitigation. Kerala is a multi-hazard prone state, as it is highly vulnerable to climate change and extreme weather events. The coast of Kerala is one of the most densely populated land areas in the country making it highly vulnerable. Thus, we must strengthen our disaster mitigation and preparedness strategies and not wait till the disaster strikes.

Session 8: Responding to Gender Concerns and Needs of Vulnerable Groups in Flood Risk Mitigation by Ms. Riby Rachel Mathew, Urban Planner, Kochi Smart Mission Ltd

Ms. Mathew started her session by defining vulnerability as the degree to which a population, individual or organization is unable to anticipate, cope with, resist and recover from the impacts of disasters. Age, socioeconomic background, type of hazard exposure, gender, and geographic location are factors affecting the vulnerability during a disaster. She advocated for the creation of gender-neutral resilient communities and inclusive planning while preparing for disaster mitigation and preparedness. One of the easiest and possibly most effective ways to educate and connect with diverse and vulnerable populations is to partner with organizations that already interact with them. By mentoring community organizations through workshops and one-on-one sessions we can empower them to develop inclusive action plans.



Breakout events

1. A roundtable discussion on the topic “Building Resilience to Natural Hazards through Stakeholder Engagement” was held on June 25, 2019, at Hotel Apollo Dimora. Angamaly Member of Legislative Assembly (MLA) Roji M. John; Aruvikkara MLA Sabarinadhan K. S.; Kozhikode South MLA M. K. Muneer; Thrithala MLA V.T Balram; Palakkad MLA Shafi Parambil; Perumbavoor MLA Eldhose Kunnappilly; and Aluva MLA Anwar Sadath participated and shared their suggestions. Members from SEWA, FOMAA, Fokana, Goonj, YMCA etc. were also involved. The discussion was led by Dr. Himanshu Grover.
2. A panel discussion on “Gender and Disaster Management” was organized on June 26, 2019, at Government College for Women. Dr. J. Devika, Centre for Development Studies and Dr. Priyanjali P., CET spoke about how a woman’s pre- disaster family responsibilities are magnified by the onset of an emergency. The discussion was moderated by student council representative Ms. Sonia George.
3. A panel discussion and film screening on disaster management were organized on June 26, 2019, at Kerala University. Dr. Himanshu Grover, Dr. Shaji Varkey, and Dr. Sabu Joseph spoke about the vulnerability of India as a multi-disaster-prone country. The discussion was moderated by Dr. Antony Palackal. Discovery Channel’s documentary on Kerala floods, *Last Call at the Oasis*, *Hurricane Katrina: the storm that drowned a city* were screened at the university.









America with Kerala: Print media citations

Uniting for a Disaster Resilient Kerala
24-26 June | Apollo Dimora Hotel, TVM





The New Indian Express 25 June

02 THIRUVANANTHAPURAM TUESDAY 25.06.2019 newindianexpress.com

ALMANAC TODAY
 • Tuesday: 25-06-2019 • Year: 2019 • Month: June • Day: 25
 • Sunrise: 05:58 • Sunset: 18:05 • Moonset: 01:05
 • Day Length: 12:07 • Night Length: 11:53 • Moon Phase: Waxing Crescent
 • Moonrise: 06:58 • Moonset: 18:05

WEATHER WATCH
 MIN 26°C MAX 31°C
 FORECAST: Early showers
 Sea: 0.2m, Surf: 0.4m, Wave: 0.2m, Wind: 0.2m

US, Kerala join hands to share expertise on disaster mgmt

A common framework for knowledge-building and knowledge-sharing is expected to make disaster management more effective

EXPRESS NEW SERVICE @TPam

THE US Consulate General in Chennai and Centre for Public Policy Research (CPPR), Kochi, in association with the Kerala State Disaster Management Authority launched a series of workshops and awareness-building events titled 'America with Kerala' here on Monday. The programme focuses on sharing US and Indian experiences and expertise related to disaster management and community resilience.

Minister for Higher Education KT Jaleel, who inaugurated the workshop that launched a series of 'America with Kerala' programmes, said the Kerala Government took all possible measures to handle the situation during the 2018 flood.

"For tackling disasters, we should have a great deal of social commitment, knowledge in emergency response, and finally, technical competence to tackle the issue. Kerala showed great resilience during and after the disaster with its limited infrastructure. I hope America with Kerala will bring out innovative ways to tackle disasters," he said.

Lauren Lovelace, Consul for Public Affairs and Public Di-

plomacy US Consulate General in Chennai, said: "We believe our recent experiences in the US with our natural disaster management holds relevance for Kerala. Therefore, we are delighted to welcome more than 70 stakeholders - from academics to policymakers to media representatives - to contribute and enrich this workshop and the 'America with Kerala' initiative."

Dr Himanshu Grover, Co-Director of the Institute for Hazard Mitigation and Planning at College of Built Environments, University of Washington, provided a US perspective, saying, "while each disaster event is unique, it is possible to have a common framework for knowledge-building and knowledge-sharing to make disaster management more effective."

He said more than a hundred universities in the US have disaster management programmes - ranging from certificate programmes to doctoral courses.

The common threads these programmes share is the attention towards the role of human development activities, an 'all-hazards approach', critical importance of pre-event planning



Kerala showed great resilience during and after the disaster with its limited infrastructure. I hope 'America with Kerala' will bring out innovative ways to tackle disasters

KT Jaleel, minister

and preparedness, and emphasis on community resilience," he said.

Dr D Dhassuraj, chairman, CPPR, said: "Through America with Kerala, we expect to bring more disaster management experts to the table to equip stakeholders in Kerala with a global perspective."

After the three-day workshop in Thiruvananthapuram, the

Joint venture

After the three-day workshop in Thiruvananthapuram, the next phase of 'America with Kerala' will be conducted in Kochi (July 23-25) and Kozhikode (August 26-28).

The programme focuses on sharing US and Indian experiences and expertise related to disaster management and community resilience.

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Chief Secretary Tom Jose and V Venu, Principal Secretary, Revenue and Disaster Management, and Rajan Gurukkal P M, Vice-Chairman, Kerala State Higher Education Council, spoke on the occasion.

State, American varsities plan academic exchange on risk management

BINISH KALLUNGAL @TPam

KERALA and the US are exploring the possibility of an academic exchange on disaster management through a collaboration of universities to help people in vulnerable areas in the state to gain a better grasp on the ways to cope with risks. A formal discussion on this was held between the Higher Education Minister KT Jaleel and US consulate in Chennai.

Speaking to Express on the sidelines of a function 'America with Kerala' in Thiruvananthapuram, Himanshu Grover, Co-Director of the Institute for Hazard Mitigation and Planning at College of Built Environments, University of Washington, said "We are exploring the possibility for a collaboration of varsities on disaster management especially for developing curriculum on disaster management in higher education.

An academic exchange in terms of teaching, researching

But one thing has to be noted that the weather and terrain in Kerala is entirely different from the US. Here an actual prediction of climatic phenomena is still difficult when comparing with the weather models in the US. Rajan Gurukkal P M, Vice-Chairman, Kerala State Higher Education Council

and exchanging scholars will help Kerala learn from experience of the US," he said. Higher Education Minister KT Jaleel said Kerala was open to their proposal and after a detailed discussion will like to assimilate their experience in Kerala curriculum.

The US delegation which is in the state as part of 'America with Kerala' has evinced interest to meet the vice-chancellors of the varsities in the state during their visit to Kochi next month.

If they could come up with a curriculum to introduce a curriculum on disaster management

in higher education suited for the state, the state would welcome it, he said.

Lauren Lovelace, Consul for Public Affairs and Public Diplomacy, US Consulate General in Chennai, told 'Express', "We have expertise and experience in handling hurricanes like Katrina, Sandy and forest fires, apart from universities offering courses on disaster management at various levels. So we hope to share our expertise and experience in dealing with the disasters with the state by contributing to curriculum for higher education through mutual collaboration.

Commenting on the development, Rajan Gurukkal P M, Vice-Chairman, Kerala State Higher Education Council, said it is good to see that the US has extended its hand for sharing their experience and expertise in dealing with disasters.

"But one thing has to be noted that the weather and terrain in Kerala is entirely different from the US," he said.





Deccan Chronicle 25 June

The Hindu 25 June

DECCAN Chronicle

The project will be conducted in the three major cities of Kerala.

Dr. K. T. Jaleel, Minister of Higher Education, will inaugurate the workshop on June 24. Chief Secretary Tom Jose, IAS, Lauren Lovelace, Consul for Public Affairs and Public Diplomacy, U.S. Consulate General in Chennai, and Sekhar Kuriakose, Member Secretary, Kerala State Disaster Management Authority, will be present.

The U.S. Consulate General in Chennai, Centre for Public Policy Research (CPPR) in Kochi and the Kerala State Disaster Management Authority will jointly organise a series of workshops and awareness building events in Thiruvananthapuram to deliberate on Kerala's disaster preparedness, management and resilience. The event will take place from June 24-26.

Tackling disaster: Need for a common framework stressed

Experts recount the U.S. disaster management approach

SPECIAL CORRESPONDENT THIRUVANANTHAPURAM

Speaking on the US experience with disasters, Dr. Grover said the country had, from the 1960s, steadily built up the capacity and resilience of communities.

"Of course, you will have to modify and adapt a little bit but the concepts can be easily be transplanted from one scenario to another," Dr. Grover said at the seminar 'America with Kerala: Uniting for a disaster resilient Kerala' organised jointly by the US Consulate General, the Centre for Public Policy Research, and the Kerala State Disaster Management Authority (KSDMA).

From the 1970s, moving away from looking at disasters independently, the US began adopting what Dr. Grover terms the "all-hazards approach."

The underlying principles for this are generalisability and cost-effectiveness. "The same amount of money that you spent, let's say, for building your capacity to provide a specific kind of risk communication through your social media platform; that same platform can be used for floods, for earthquakes, for terrorist attacks or for epidemics," he says.

In the US, this has really helped, he says. Death toll in disasters has plummeted. At the same time, most routine events that could evolve into disasters are no longer so. The challenge the US faces was the integration of disaster management knowledge — primarily risk reduction knowledge — into mainstream day-to-day activities, he says.

Again, having a robust disaster management system has its perks, Dr. Grover says. "The avenues that are built primarily to respond to disasters also become useful in day-to-day life."

The role of education
To the US, the disaster management philosophy was pushed down into the mainstream through the country's educational system. This is important, says Dr. Grover.

"Today, US universities are offering disaster management programmes ranging from certificate

programmes to doctoral courses. That said, having a sturdy response and recovery system does not necessarily mean disasters won't happen. They still will. "But the idea is to build resistance. You will bend, but you will not break."

Dr. Grover says.
Even the big catastrophes that threatened to overturn the system does help to build long-term resilience, he says, giving the example of Hurricane Katrina and its aftermath.

'America with Kerala' tie-up likely to manage disaster

SPECIAL CORRESPONDENT THIRUVANANTHAPURAM

The three-city 'America with Kerala' project, set against the backdrop of the 2018 floods, will explore the possibility of academic collaboration in disaster management between the US and Kerala.

This initiative was designed to share key lessons and best practices in the US and India, Lauren Lovelace, Consul for Public Diplomacy and Public Affairs, US Consulate General, Chennai, said at the inaugural ceremony of 'America with Kerala: Uniting for a Disaster Resilient Kerala.'

Curriculum
The Thiruvananthapuram session would look into the possibility of developing a curriculum on disaster management in higher education. Ms. Lovelace and Dr. Himanshu Grover, co-director, Institute for Hazard Mitigation and Planning, College of Built Environments, University of Washington, also held talks with Higher Education Minister K.T. Jaleel.

"We believe our experience in the US holds relevance for Kerala. Therefore we welcome more than 70 stakeholders, from academics to policy makers to media representatives, to contribute and enrich the 'America with Kerala' initiative," Ms. Lovelace said.

Inaugurating the initiative, Mr. Jaleel underscored the need for disaster management programmes in the State's higher education sector. Although disaster management had emerged a subject of study, competent faculty was, however, the need of the hour. Calling for a scientific approach to disaster management, Chief Secretary Tom Jose underscored the need to view disasters from a multi-dimensional perspective.

The initiative
The Thiruvananthapuram phase of 'America with Kerala' will conclude on Wednesday. The next phase will be held in Kochi from July 23 to 25 on urban planning and infrastructure. The final session, in Kozhikode from August 26 to 28, will focus on grassroots community resilience.

Minister for Higher Education K.T. Jaleel greets Lauren Lovelace, Consul for Public Affairs and Public Diplomacy, U.S. Consulate General, Chennai, in Thiruvananthapuram on Monday. — S. GOPALAKRISHNAN



Kerala Kaumudi

26 June

Mathrubhumi

25 June



'അമേരിക്ക വിത്ത് കേരള': കേരളത്തെ പുനർനിർമ്മിക്കാൻ ഒരു ഒത്തുചേരൽ

തിരുവനന്തപുരം : പ്രളയകേരളത്തെ പുനർനിർമ്മിക്കാൻ യു.എസ്. കോൺഗ്രസ്സിലേറ്റുന്ന നവീകരണ യൂണിറ്റിന് ഫോർ പബ്ലിക് പോളിസി റിസർച്ച് (സി.പി.പി.ആർ), കേരള ദൂതനിവാസന അതോറിറ്റിയും സംയുക്തമായി സംഘടിപ്പിക്കുന്ന ശില്പശാല തിരുവനന്തപുരത്ത് ആരംഭിച്ചു. നാല്രാസം നിലുന്ന 'അമേരിക്ക വിത്ത് കേരള' പദ്ധതിയുടെ ഭാഗമാണിത്. മന്ത്രി കെ.ടി. ജലീൽ ഉദ്ഘാടനം ചെയ്തു. ദൂതനങ്ങളും പ്രതിനിധികളും കൈകാര്യം ചെയ്യാനുള്ള രീതികൾ മെച്ചപ്പെടുത്തുന്നതിന് ഇനിയും സാധ്യതകൾ ഏറേയുണ്ടെന്നും ഇത്തരം ശില്പശാലകൾ നൂതനമായ ആശയങ്ങൾ വഴിയൊരുക്കണമെന്നും മന്ത്രി ജലീൽ പറഞ്ഞു.

കേരളത്തിന്റെ ദൂതന പ്രതിനിധന പ്രതിരോധ തയ്യാറെടുപ്പുകളെക്കുറിച്ച് മനസ്സിലാക്കുന്നതിനായുള്ള വി

വിധിബോധവൽക്കരണ പരിപാടികൾ, മീറ്റിംഗുകൾ, ശില്പശാലകൾ തുടങ്ങിയവ ഉൾപ്പെടുന്നതാണ് ത്രിദിന ശില്പശാല.

റവന്യൂ ആൻഡ് ഡിസാസ്റ്റർ മാനേജ്മെന്റ് പ്രിൻസിപ്പൽ സെക്രട്ടറി വേണുഅച്യുതനായി ചീഫ് സെക്രട്ടറി ടോം ജോൺ കേരള സംസ്ഥാന ദൂതനിവാസന അതോറിറ്റി മെമ്പർ സെക്രട്ടറി ശേഖർ ലൂക്കോസ് കര്യാക്കോസ് യു.എസ് കോൺഗ്രസ്സിലേറ്റുന്ന നവീകരണ യൂണിറ്റിന് ഫോർ പബ്ലിക് പോളിസി റിസർച്ച് (സി.പി.പി.ആർ) കേരള ദൂതനിവാസന അതോറിറ്റിയും സംയുക്തമായി സംഘടിപ്പിക്കുന്ന ശില്പശാല തിരുവനന്തപുരത്ത് ആരംഭിച്ചു. നാല്രാസം നിലുന്ന 'അമേരിക്ക വിത്ത് കേരള' പദ്ധതിയുടെ ഭാഗമാണിത്. മന്ത്രി കെ.ടി. ജലീൽ ഉദ്ഘാടനം ചെയ്തു. ദൂതനങ്ങളും പ്രതിനിധികളും കൈകാര്യം ചെയ്യാനുള്ള രീതികൾ മെച്ചപ്പെടുത്തുന്നതിന് ഇനിയും സാധ്യതകൾ ഏറേയുണ്ടെന്നും ഇത്തരം ശില്പശാലകൾ നൂതനമായ ആശയങ്ങൾ വഴിയൊരുക്കണമെന്നും മന്ത്രി ജലീൽ പറഞ്ഞു.

സംസ്ഥാനത്ത് ഇന്നലെ മുതൽ ദൂതന പ്രതിനിധന പ്രതിരോധ തയ്യാറെടുപ്പുകളെക്കുറിച്ച് പരിശോധിക്കുന്നതിനായി ഡി.പി.പി.ആർ ഫോർ പബ്ലിക് പോളിസി റിസർച്ച് (സി.പി.പി.ആർ) കേരള ദൂതനിവാസന അതോറിറ്റിയും സംയുക്തമായി സംഘടിപ്പിക്കുന്ന ശില്പശാല തിരുവനന്തപുരത്ത് ആരംഭിച്ചു. നാല്രാസം നിലുന്ന 'അമേരിക്ക വിത്ത് കേരള' പദ്ധതിയുടെ ഭാഗമാണിത്. മന്ത്രി കെ.ടി. ജലീൽ ഉദ്ഘാടനം ചെയ്തു. ദൂതനങ്ങളും പ്രതിനിധികളും കൈകാര്യം ചെയ്യാനുള്ള രീതികൾ മെച്ചപ്പെടുത്തുന്നതിന് ഇനിയും സാധ്യതകൾ ഏറേയുണ്ടെന്നും ഇത്തരം ശില്പശാലകൾ നൂതനമായ ആശയങ്ങൾ വഴിയൊരുക്കണമെന്നും മന്ത്രി ജലീൽ പറഞ്ഞു.





Deshabhimani
25 June, 2019

ദുരന്തനിവാരണം പാഠ്യവിഷയമാക്കണം: കെ ടി ജലീൽ

തിരുവനന്തപുരം

ഉന്നതവിദ്യാഭ്യാസ മേഖലയിൽ ദുരന്തനിവാരണം പാഠ്യവിഷയമാക്കണമെന്ന് മന്ത്രി കെ ടി ജലീൽ പറഞ്ഞു. സംസ്ഥാനത്ത് ദുരന്തനിവാരണ വിഷയത്തിൽ ഡിപ്ലോമ കോഴ്സുകൾ മാത്രമാണുള്ളത്. എന്നാൽ, സർവകലാശാലകളിലും ഇത് പഠിപ്പിക്കണം. സാമൂഹ്യ പ്രതിബദ്ധത, രക്ഷാപ്രവർത്തനങ്ങളെക്കുറിച്ചുള്ള ഗ്രാഹ്യം, സാങ്കേതിക സൗകര്യങ്ങൾ ഇവ മൂന്നും ഒരുമിച്ചാൽ മാത്രമേ ദുരന്തനിവാരണം ഫലപ്രദമായി നടപ്പാക്കാൻ കഴിയൂവെന്നും മന്ത്രി പറഞ്ഞു. കേരളത്തിന്റെ ദുരന്ത പ്രതികരണ പ്രതിരോധ തയ്യാറെടുപ്പുകളെന്ന് വിഷയത്തിൽ 'അമേരിക്ക വിത്ത് കേരള' എന്ന പേരിൽ സംഘടിപ്പിച്ച ശില്പശാല ഉദ്ഘാടനം ചെയ്യുകയായിരുന്നു മന്ത്രി. ചെന്നൈയിലെ യുഎസ് കോൺസുലേറ്റ് ജനറലും സംസ്ഥാന ദുരന്തനിവാരണ



യുഎസ് കോൺസുലേറ്റും സംസ്ഥാന വിസ്മാസ്റ്റർ മനേജ്മെന്റ് അതോറിറ്റിയും സംഘടിപ്പിച്ച ദേശീയ ശില്പശാല ഉദ്ഘാടനം ചെയ്ത മന്ത്രി കെ ടി ജലീൽ ലോറെൻ ലവ്ലസ്സിന് ഹസ്തദാനം ചെയ്യുന്നു

അതോറിറ്റിയും സെന്റർ ഫോർ പബ്ലിക് പോളിസി റിസർച്ചും സംയുക്തമായാണ് പരിപാടി സംഘടിപ്പിക്കുന്നത്. നാലുമാസം നീണ്ടുനിൽക്കുന്ന കൈകോർക്കോം പദ്ധതി

യുടെ ഭാഗമായാണ് ശില്പശാല. റവന്യൂ പ്രിൻസിപ്പൽ സെക്രട്ടറി ഡോ. വി വേണു അധ്യക്ഷനായി. യുഎസ് കോൺസുലേറ്റ് ചെയ്ത, ജനറൽ കോൺസൽ

ഫോർ പബ്ലിക് ഡിപ്ലോമസി ലോറെൻ ലവ്ലസ്, ചീഫ് സെക്രട്ടറി ടോം ജോസ്, യുഎസ് ദുരന്തനിവാരണ വിദഗ്ധൻ ഡോ. ഹിമാൻഷു ഗ്രോവർ എന്നിവർ

സംസാരിച്ചു. സംസ്ഥാന ദുരന്തനിവാരണ അതോറിറ്റി മെമ്പർ സെക്രട്ടറി ഡോ. ശേഖർ കുര്യാക്കോസ് സ്വാഗതവും ഡോ. ഡിധനുരാജ് നന്ദിയും പറഞ്ഞു.



Metro Vartha

25 June

Janayugam

25 June

ദുരന്തനിവാരണം പാഠ്യവിഷയമാക്കണം: മന്ത്രി കെ.ടി. ജലീൽ

ഉന്നതവിദ്യാഭ്യാസ മേഖലയിൽ ദുരന്തനിവാരണം പാഠ്യവിഷയമാക്കണം: കെ ടി ജലീൽ

തിരുവനന്തപുരം: ഉന്നതവിദ്യാഭ്യാസ മേഖലയിൽ ദുരന്തനിവാരണം പാഠ്യവിഷയമാക്കണമെന്ന് ഉന്നതവിദ്യാഭ്യാസ മന്ത്രി ഡോ. കെ.ടി. ജലീൽ പറഞ്ഞു. കേരളത്തിന്റെ ദുരന്ത പ്രതികരണ - പ്രതിരോധ തയ്യാറെടുപ്പുകളെ വിഷയത്തിൽ അമേരിക്ക വിത്ത് കേരള എന്ന പേരിൽ തിരുവനന്തപുരത്ത് അപ്പോളോ ഡിമോറയിൽ സംഘടിപ്പിച്ച ശില്പശാല ഉദ്ഘാടനം ചെയ്യുകയായിരുന്നു അദ്ദേഹം. ചെന്നൈ യു.എസ്. കോൺസുലേറ്റിനും സംസ്ഥാന ദുരന്ത നിവാരണ അതോറിറ്റിയും സെന്റർ ഫോർ പബ്ലിക് പോളിസി റിസർച്ചും സംയുക്തമായാണ് പരിപാടി സംഘടിപ്പിച്ചത്.

സംസ്ഥാനത്ത് ദുരന്തനിവാരണ വിഷയത്തിൽ ഡിപ്ലോമ കോഴ്സുകൾ ഇത്രമാണ് ഇപ്പോഴുള്ളത്. എന്നാൽ സർവകലാശാലാതലത്തിൽ ഇത് പഠിപ്പിക്കണമെന്ന് മന്ത്രി പറഞ്ഞു. സാമൂഹിക പ്രതിബദ്ധത, രക്ഷാപ്രവർത്തനങ്ങളെക്കുറിച്ചുള്ള ഗ്രാഹ്യം, സാങ്കേതിക സൗകര്യങ്ങൾ ഇവ മൂന്നും ഒരുമിച്ചാൽ മാത്രമേ ദുരന്തനിവാരണം ഫലവത്തായി നടപ്പാക്കാനാകൂ. ഇതിനുള്ള ചർച്ചകളുണ്ടാകണമെന്ന് മന്ത്രി പറഞ്ഞു. ദുരന്തനിവാരണത്തിൽ ശാസ്ത്രീയമായ പഠനം ആവശ്യമാണെന്ന് ചടങ്ങിൽ മുഖ്യതിഥിയായ ചീഫ് സെക്രട്ടറി ടോം ജോസഫ് പറഞ്ഞു.

റവന്യൂ പ്രിൻസിപ്പൽ സെക്രട്ടറി ഡോ. വി. വേണു അധ്യക്ഷത വഹിച്ചു. സംസ്ഥാന ദുരന്തനിവാരണ അതോറിറ്റി ചെയർമാൻ സെക്രട്ടറി ഡോ. ശേഖർ കുര്യക്കോസ്, യു.എസ്. കോൺസുലേറ്റിനാൽ ചെന്നൈ കോൺസൽ ഫോർ പബ്ലിക് ഡിപ്ലോമസി ലോറെൻ ലവ്വസ്, യു. എസ് ദുരന്തനിവാരണ വിദഗ്ദ്ധൻ ഡോ. ഹിമാൻഷു ഗ്രോവർ, സെന്റർ ഫോർ പബ്ലിക് പോളിസി ചെയർമാൻ ഡോ. ഡി. ധന്യരാജ് തുടങ്ങിയവർ വിഷയവാദനരും നടത്തി. നാലുമാസം നീണ്ടു നിൽക്കുന്ന കൈകോർക്കും പദ്ധതിയുടെ ഭാഗമായാണ് ശില്പശാല സംഘടിപ്പിച്ചത്.

തിരുവനന്തപുരം: ഉന്നതവിദ്യാഭ്യാസ മേഖലയിൽ ദുരന്തനിവാരണം പാഠ്യവിഷയമാക്കണമെന്ന് ഉന്നതവിദ്യാഭ്യാസ മന്ത്രി ഡോ. കെ ടി ജലീൽ പറഞ്ഞു. കേരളത്തിന്റെ ദുരന്ത പ്രതികരണ പ്രതിരോധ തയ്യാറെടുപ്പുകളെ വിഷയത്തിൽ 'അമേരിക്ക വിത്ത് കേരള' എന്ന പേരിൽ തിരുവനന്തപുരത്ത് അപ്പോളോ ഡിമോറയിൽ സംഘടിപ്പിച്ച ശില്പശാല ഉദ്ഘാടനം ചെയ്യുകയായിരുന്നു അദ്ദേഹം. ചെന്നൈയിലെ അമേരിക്കൻ സ്ഥാന

പതി കാര്യാലയവും സംസ്ഥാന ദുരന്ത നിവാരണ അതോറിറ്റിയും പൊതു നയ ഗവേഷണ കേന്ദ്രവും ചേർന്നാണ് പരിപാടി സംഘടിപ്പിച്ചത്. സംസ്ഥാനത്ത് ദുരന്തനിവാരണ വിഷയത്തിൽ ഡിപ്ലോമ കോഴ്സുകൾ മാത്രമാണ് ഇപ്പോഴുള്ളത്. എന്നാൽ സർവകലാശാലാതലത്തിൽ ഇത് പഠിപ്പിക്കണമെന്ന് മന്ത്രി പറഞ്ഞു. സാമൂഹിക പ്രതിബദ്ധത, രക്ഷാപ്രവർത്തനങ്ങളെക്കുറിച്ചുള്ള ഗ്രാഹ്യം, സാങ്കേതിക

സൗകര്യങ്ങൾ ഇവ മൂന്നും ഒരുമിച്ചാൽ മാത്രമേ ദുരന്തനിവാരണം ഫലവത്തായി നടപ്പാക്കാനാകൂ. ഇതിനുള്ള ചർച്ചകളുണ്ടാകണമെന്ന് മന്ത്രി പറഞ്ഞു. ദുരന്തനിവാരണത്തിൽ ശാസ്ത്രീയമായ പഠനം ആവശ്യമാണെന്ന് ചടങ്ങിൽ മുഖ്യതിഥിയായ ചീഫ് സെക്രട്ടറി ടോം ജോസഫ് പറഞ്ഞു. റവന്യൂ പ്രിൻസിപ്പൽ സെക്രട്ടറി ഡോ. വി വേണു അധ്യക്ഷത വഹിച്ചു. സംസ്ഥാന ദുരന്ത നിവാരണ അതോറിറ്റി ചെയർമാൻ സെക്രട്ടറി

ഡോ. ശേഖർ കുര്യാക്കോസ്, യു എസ് കോൺസുലേറ്റ് ജനറൽ ചെന്നൈ കോൺസൽ ഫോർ പബ്ലിക് ഡിപ്ലോമസി ലോറെൻ ലവ്വസ്, യു എസ് ദുരന്തനിവാരണ വിദഗ്ദ്ധൻ ഡോ. ഹിമാൻഷു ഗ്രോവർ, സെന്റർ ഫോർ പബ്ലിക് പോളിസി ചെയർമാൻ ഡോ. ഡി ധന്യരാജ് തുടങ്ങിയവർ വിഷയവാദനരും നടത്തി. നാല് മാസം നീണ്ടു നിൽക്കുന്ന കൈകോർക്കും പദ്ധതിയുടെ ഭാഗമായാണ് ശില്പശാല സംഘടിപ്പിച്ചത്.

മെട്രോ വാർത്ത Tue, 25 June 2019
epaper.metrovartha.com/c/40909774





The Times of India
23 June

Workshop on disaster management
TIMES NEWS NETWORK

Thiruvananthapuram: A series of workshops and awareness building events to deliberate on Kerala's disaster preparedness, management and resilience will be organized by Kerala State Disaster Management Authority, US Consulate General in Chennai and Centre for Public Policy Research (CPPR). The first of the series will begin in the capital on Monday.

Minister of higher education K T Jaleel will inaugurate the workshop which will bring together approximately 40 participants including policy makers, bureaucrats, first responders, security officials, emergency management officials, health officials, and private and non-governmental stakeholders.

The workshop is part of a larger initiative entitled "America with Kerala" by the US Consulate General in Chennai and Centre for Public Policy Research (CPPR) in Kochi to organize a series of workshops and awareness building events across Kerala. The project will be conducted in the three major cities of Kerala namely Thiruvananthapuram (June 24-26), Kochi (July 23-25), and Kozhikode (August 26-28).



The Times of India
25 June

Workshop on disaster management

T'papuram: A three-day workshop titled 'America with Kerala', focusing on US and Indian experiences and expertise related to disaster management and community resilience, began here on Monday.

The programme is a joint initiative of US Consulate General in Chennai; Centre for Public Policy Research, Kochi; and Kerala State Disaster Management Authority.

Minister for higher education K T Jaleel inaugurated the workshop. "During the 2018 floods, the Kerala government took all possible measures to handle the situation. I hope this workshop will bring out innovative ways to save lives during the time of disasters," he said. The workshop will be held in Kochi from July 23 to 25 and Kozhikode from August 26- to 28. TNN





Nautical Times
25 June



ഉന്നത വിദ്യാഭ്യാസ മേഖലയിൽ ദുരന്തനിവാരണം പാഠ്യവിഷയമാക്കുന്നത് സംബന്ധിച്ച് സംഘടിപ്പിച്ച ശില്പശാല മന്ത്രി കെ.ടി. ജലീൽ ഉദ്ഘാടനം ചെയ്യുന്നു

ദുരന്തനിവാരണം പാഠ്യവിഷയമാക്കണം - മന്ത്രി കെ.ടി. ജലീൽ

തിരുവനന്തപുരം: ഉന്നത വിദ്യാഭ്യാസ മേഖലയിൽ ദുരന്തനിവാരണം പാഠ്യവിഷയമാക്കണമെന്ന് ഉന്നതവിദ്യാഭ്യാസ മന്ത്രി ഡോ: കെ.ടി. ജലീൽ പറഞ്ഞു. കേരളത്തിന്റെ ദുരന്ത പ്രതികരണ - പ്രതിരോധ തയ്യാറെടുപ്പുകളെ വിഷയത്തിൽ 'അമേരിക്ക വിത്ത് കേരള' എന്ന പേരിൽ തിരുവനന്തപുരത്ത് അപ്പോളോ ഡിമോറയിൽ സംഘടിപ്പിച്ച ശില്പശാല ഉദ്ഘാടനം ചെയ്യുകയായിരുന്നു അദ്ദേഹം. ചെന്നൈ യു. എസ്.

കോൺസുലേറ്റ് ജനററും സംസ്ഥാന ദുരന്ത നിവാരണ അതോറിറ്റിയും സെന്റർ ഫോർ പബ്ലിക് പോളിസി റിസർച്ചും സംയുക്തമായാണ് പരിപാടി സംഘടിപ്പിച്ചത്. സംസ്ഥാനത്ത് ദുരന്തനിവാരണ വിഷയത്തിൽ ഡിപ്ലോമ കോഴ്സുകൾ മാത്രമാണ് ഇപ്പോഴുള്ളത്. എന്നാൽ സർവകലാശാലാലതലത്തിൽ ഇത് പഠിപ്പിക്കണമെന്ന് മന്ത്രി പറഞ്ഞു. സാമൂഹിക പ്രതിബദ്ധത, രക്ഷാപ്രവർത്തനങ്ങളെക്കുറിച്ചുള്ള ഗ്രാഹ്യം, സാങ്കേതിക

സൗകര്യങ്ങൾ ഇവ മൂന്നും ഒരുമിച്ചാൽ മാത്രമേ ദുരന്തനിവാരണം ഫലപ്രസാദമായി നടപ്പാക്കാനാകൂ. ഇതിനുള്ള ചർച്ചകളുണ്ടാകണമെന്ന് മന്ത്രി പറഞ്ഞു. ദുരന്തനിവാരണത്തിൽ ശാസ്ത്രീയമായ പഠനം ആവശ്യമാണെന്ന് ചടങ്ങിൽ മുഖ്യതിരിയായ ചീഫ് സെക്രട്ടറി ടോം ജോസ് പറഞ്ഞു. റവന്യൂ പ്രിൻസിപ്പൽ സെക്രട്ടറി ഡോ. വി. വേണു അധ്യക്ഷത വഹിച്ചു. സംസ്ഥാന ദുരന്തനിവാരണ അതോറിറ്റി ചെയർ സെക്രട്ടറി ഡോ. ശേ

ഖർ കുര്യാക്കോസ്, യു. എസ്. കോൺസുലേറ്റ് ജനറൽ ചെന്നൈ കോൺസൽ ഫോർ പബ്ലിക് ഡിപ്ലോമസി മോറോൻ വർവെസ്, യു. എസ് ദുരന്തനിവാരണ വിദഗ്ദ്ധൻ ഡോ. ഹിമാൻഷു ഗ്രോവർ, സെന്റർ ഫോർ പബ്ലിക് പോളിസി ചെയർമാൻ ഡോ. ഡി. ധനുരാജ് തുടങ്ങിയ വിഷയവതരണം നടത്തി നാമി മാസം നീണ്ടു നിൽക്കുന്ന കൈകോർക്കോം പദ്ധതിയുടെ ഭാഗമായാണ് ശില്പശാല സംഘടിപ്പിച്ചത്.

സൗദിയിൽ ഡ്രോൺ ആക്രമണത്തിൽ

സേഫ്റ്റി ഓഫീസർ നിയമനം :



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25 June

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SPOTLIGHT

America with Kerala Workshop on Disaster Management Comes to a Close

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The Thiruvananthapuram leg of 'America with Kerala: Uniting for a Disaster Resilient Kerala,' organized by the US Consulate General in Chennai and the Centre for Public Policy Research (CPPR), Kochi, in association with the Kerala State Disaster Management Authority, concluded on Wednesday.