



TECHNOLOGY, SECURITY & TRANSPARENCY

CIVIL 20 (C20) WORKING GROUP,
INDIA 2023

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MESSAGE FROM THE CHAIR



Amma sees the world as a flower. Each country is a petal of the flower. The foundation of all positive change is true education. Along with knowledge about the world, we have to understand ourselves. Only then will our education be complete. Technology has truly revolutionized human life, but its negative aspects raise alarming concerns about the future of humankind. Don't be discouraged by your incapacity to dispel darkness from the world. Light your little candle and step forward. May the tree of our life be firmly rooted in the soil of love. Let good deeds be the leaves on that tree; may words of kindness form its flowers; may peace be its fruit.

Hon'ble Chair C20 2023,
Mata Amritanandamayi Devi (AMMA)

TROIKA

The troika structure allows for dialogue and coordination between the lead civil society organisations from the current, previous and following G20/C20 host countries.



Ah Maftuchan
The Prakarsa, Indonesia



Swami Amritaswarupananda
President, Amrita Vishwa
Vidyapeetham, India



Alessandra Nilo
GESTOS, Brazil



Vijay K. Nambiar
Principal Coordinator
(Sherpa)
Retired Ambassador of
India & Under-Secretary
General of
the United Nations



Dr. Vinay
Sahasrabuddhe
C20 Secretariat
Patron
Vice Chairman, RMP



Kiran D. M.
Sous-Sherpa, Civil20
India
Youth For Seva, India



Dr. Swadesh Singh
Sous-Sherpa, Civil20
India
Rambhau Mhalgi
Prabodhini, India

INTERNATIONAL ADVISORY COMMITTEE (IAC)

Composed of international civil society organisations with experience working within the G20, the IAC functions as an advisory body. Its main roles are to advise the Steering Committee (SC) on strategic decision-making and contribute to disseminating C20 recommendations among key stakeholders to guarantee more visibility.



Ramu Damodaran
Senior Advisor,
University of Peace,
United Nations



Naila Chowdhury
Global Advisor,
Cure Violence Global &
Chairperson, Women 4
Empowerment



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Executive Director,
Humanitarian Quality
Assurance Initiative,
Switzerland



Andy Carmone
Clinton Health Access
Initiative, USA



Jyotsna Mohan
Regional Coordinator
(Asia), Asian
Development Alliance



Binny Buchori
The Prakarsa,
Indonesia



Guillermina Alaniz
Director of Global
Advocacy & Policy,
Aids Healthcare
Foundation AHF



Riccardo Moro
Secretary General,
LVIA, Italy



Pedro Bocca
Abong, Brazil



Shyam Parande
Global Coordinator,
Sewa International,
India



Virendra Gupta
President, Indian
Council for International
Cooperation, India



Dr. Shashi Bala
President, International
Council of Cultural
Studies, India

NATIONAL AND INTERNATIONAL COORDINATORS



Dr. Krishnashree Achuthan
India Coordinator

Dean, Post Graduate Programs and Director, Centre for Cyber Security Systems & Networks, Amrita University, India



Dr. Nava Subramaniam
India Coordinator

Dean, School of Business, Amrita University, India and Professor Emeritus, RMIT University, Australia



Ms. Alison Richards
International Coordinator

Director, oneAPI Initiative, Software Products Team, Intel Corporation

SUB THEME COORDINATORS

TECHNOLOGY FOR EMPOWERMENT



Dr. Prashanth Nair
Amrita Vishwa Vidyapeetham

ARTIFICIAL INTELLIGENCE AND DATA FOR SOCIETY



Mr. Gilad Gressel
Amrita Vishwa Vidyapeetham

TRANSPARENCY, TRUST AND DISINFORMATION



Dr. Amit Agarwal
Amrita Vishwa Vidyapeetham

SECURITY, SAFETY & RESILIENCE



Mr. Ram Ganapathi
Cohesity

WORKING GROUP THEMES

Technology, Security & Transparency

TECHNOLOGY FOR EMPOWERMENT

Technology for empowerment theme aims at policy formulation for ensuring access to assistive technologies, promoting digital literacy, and enabling equitable access to the internet as essential steps toward creating a more inclusive and equitable digital workplace.

TRANSPARENCY, TRUST AND DISINFORMATION

Transparency, trust & disinformation theme aims to create a policy recommendation that promotes transparency and trust, and mitigating disinformation in the digital age is crucial for building a healthy and prosperous society.

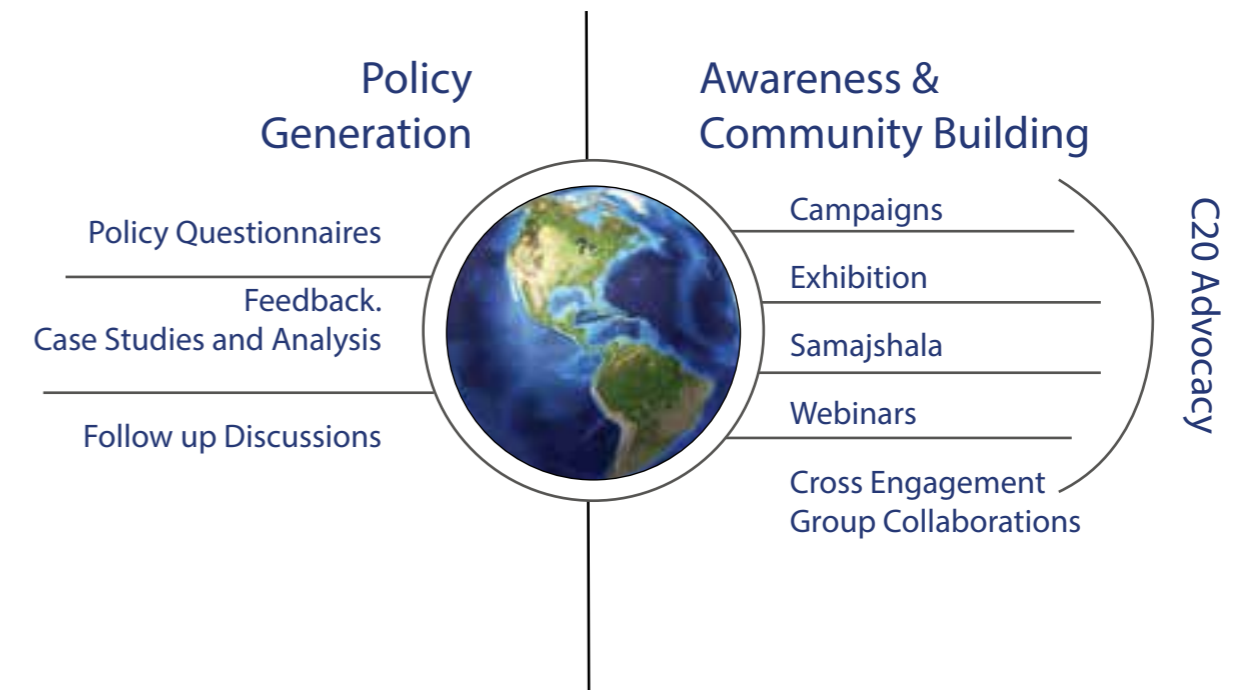
ARTIFICIAL INTELLIGENCE AND DATA FOR SOCIETY

Artificial Intelligence and data for society theme aims to formulate policy recommendations that promote transparency, accountability, and ethical considerations while addressing potential negative consequences, including job displacement and inequality as a result of AI.

SECURITY, SAFETY & RESILIENCE

Security, Safety & Resilience theme aims at protecting digital systems and promoting healthy internet usage which is a critical issue and requires attention at the individual, organizational, societal, and global levels

APPROACH TO POLICY GENERATION



C20 INAUGURAL EVENT

India's Civil 20 Engagement Group Inaugurated

India's Civil 20 Engagement Group (C20), the official engagement group of the country's G20 leadership representing the voices of non-profit, voluntary citizens' groups in service to society, has been inaugurated at Amritapuri in Kerala's Kollam district on 16th January 2023.

Dozens of G20 and C20 representatives, Government leaders, and other distinguished guests participated virtually in the high-powered gathering, including names like Sri Mata Amritanandamayi (Amma), who serves as Chair of C20; Amitabh Kant, former CEO of NITI Aayog; Shashi Tharoor, MP (Congress); Union Ministers Anurag Thakur and V Muraleedharan; Tamil Nadu Governor RN Ravi, and Kerala's State Public Education Minister, V Sivankutty.

On this occasion, Sri Mata Amritanandamayi (Amma) initiated an Rs. 50 crore project by the Mata Amritanandamayi Math to support the welfare of pregnant women who are malnourished and people with disabilities in underdeveloped districts across India and other developing nations. The Ashram will collaborate closely with local civil society organizations (CSOs) to bring about a tangible change in the lives of its beneficiaries.

In her address, Amma said, "At this juncture, with almost a quarter of this century completed, what is the state of our world? Close your eyes and place your finger on a map. Now open your eyes and see what continent and nation it landed upon. Wherever it is, find out if that place is peaceful and free from conflict. Is there enough drinking water and food to fulfill the thirst and hunger of everyone there? Is there a roof over every head? And clothes to wear? Is timely healthcare available for everyone? Are the women and children safe?"



Amma added, "Many civil organizations and individuals are actively engaged in finding solutions and doing humanitarian work. But they are only small raindrops falling into the ocean. But when they fall in the desert, even such small drops have some benefit. If we understand their place and use them accordingly, they can help bring some joy, peace, and health to the world."

Amitabh Kant, the former CEO of NITI Aayog, who is India's Special Representative (Sherpa) at G20, addressed the C20 inauguration. He emphasized how the C20 is a mirror of the dynamic range of activities CSOs must undertake to contribute to establishing India's G20 Presidency as a beacon of hope, healing, and harmony for the world.

He said, "With the theme of 'One Earth. One Family. One Future', we take on the G20 presidency in this complex and challenging environment. The world today is faced with complex geo-political tensions and conflicts, a global debt crisis, issues of food, fuel, and fertilizer, climate crisis, and slowing progress on the SDGs, meaning that millions of people have lost their jobs and been pushed into poverty. But with India's G20 presidency, we see these complex challenges as an opportunity for us to get the world to unite upon acting upon these challenges and to drive global consensus."

Shashi Tharoor, MP (Congress) and Former UN Under-Secretary-General, also spoke at the gathering. Having personally witnessed the power and reach of civil society firsthand, he explained that CSOs are essential for global welfare. He said: "I would argue that Civil Society can and must play a leading role in helping our communities to effectively navigate the past and address what we need to do to solve what, in my UN days, we called 'problems without passports.' That is the problem across all frontiers uninvited. And that no one country or even a small group of countries can solve on their own. Problems, in other words, of poverty, contagious disease, human rights and human wrongs, of chronic starvation and malnourishment, massive illiteracy, and massive displacement. All these kinds of problems are problems that require solutions that also don't need passports. That also cross over borders - blueprints without borders to match the problems without passports."



Union Minister Anurag Thakur said that it is hoped that the ideas emerging from the C20 working groups will solve the environmental challenges the world is facing today.

Tamil Nadu Governor RN Ravi said that community participation is essential for the success of any project, and C20 is playing a key role in ensuring that society's fundamental needs are expressed to the G20 leaders. Kerala's State Public Education Minister, V Sivankutty, said that G20 is a platform where the world will join hands to face today's challenges and that CSOs are the most effective mechanism to reach all levels of society. Union



Minister of State for External Affairs, V Muraleedharan, added that Prime Minister Modi envisions a G20 that is inclusive of all members of society, irrespective of whether they are women, men, young or old, and this can be achieved through C20.

Also taking part in the gathering: Vinay P Sahasrabuddhe, President of the Indian Council for Cultural Relations; Vijay K Nambiar, Sherpa C20 and former Special Advisor to the UN Secretary-General; Dr. Swadesh Singh,



C20 Core Group Member & Rambhau Mhalgi Prabodhini; Nivedita Bhide, C20 Core Group Member & All India Vice President of Vivekananda Kendra; Sri M, C20 Core Group Member & Founder of Sri M, the Satsang Foundation; Marc Benioff, CEO of Salesforce and Philanthropist; T Denny Sanford, Entrepreneur, Philanthropist and recipient of an Honorary Doctorate from Amrita Vishwa Vidyapeetham; AH Maftuchan, C20 Troika Member from Indonesia; Alessandra Nilo, C20 Troika member from Brazil; and Laurent Bessede, General Legal Director of the Red Cross, France.

C20's purpose is to bring the concerns of Civil Society Organisations (CSOs) from around the world to the G20 Summit set to take place in New Delhi this September. The Group of 20 (G20) is the premier intergovernmental forum for the world's developed and emerging economies to address financial stability on a global basis.



Members of India's C20 include Sri M, the Satsang Foundation as Participant; Rambhau Mhalgi Prabodhini as Secretariat; and the Vivekananda Kendra, Kanyakumari as Institutional Partner.



In advance of the Summit, C20 will collaborate with hundreds of CSOs from around the world to voice primary and common concerns and to promote sustainable development with the vision of leaving no one behind.



C20 INCEPTION MEETING

India's Civil 20 Inception Conference marks a new chapter in the world's history.



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Amma inaugurated the event as Chair of C20, and Sri Kailash Satyarthi, a Nobel Peace Laureate and child rights activist, spoke as Chief Guest. The Civil 20 India (C20) Inception Conference in Nagpur, Maharashtra, was a momentous occasion with Amma as the first spiritual leader ever appointed as Chair of the G20 Engagement Group for civil society and non-governmental organizations. More than 200 delegates from around the globe took part from March 20-21, 2023, and the results will eventually become policy recommendations that are presented to India's G20 Summit set to take place in New Delhi on September 9 & 10, 2023.

C20's purpose is to provide a platform for Civil Society Organizations (CSOs) and Nongovernmental Organizations (NGOs) to voice the people's aspirations to the Heads of State of the world's 20 leading economies.

Bringing together civil society representatives, leading social activists, academicians, policy practitioners, and representatives of the government, the C20 Inception Conference explored issues significant in the realization of a better society.

In her Inaugural Address on 20th March 2023, Amma spoke about the importance of cultivating a worldview based on inclusivity and oneness, and compassionate action. She said, "The future belongs not to the 'single' entities who stand divided, but to those who mingle and cooperate with others. Countries and societies that try to rise on their own will surely fail. Hence, let our mantra be 'Mingle,' not 'Single.'"

Amma also pointed out that while the government is providing many social-upliftment programs, NGOs and CSOs should serve as stewards, connecting the deserving beneficiaries with those programs.

"The Honorable Prime Minister Narendra Modi has launched numerous significant schemes, like Jandhan Yojana, which is a revolutionary financial-inclusion scheme of delivering the benefits directly to the bank account of the vulnerable and low-income sections of society. Then there are Skill India Mission, Ayushman Bharat Health Insurance scheme, and the list goes on," said Amma. "It is important that people have the awareness to avail these schemes, also. It is not enough for a diabetic to take the medicines—they also have to maintain a regular diet. In a similar way, it is important to be aware of properly using the benefits they are receiving."

Amma concluded by invoking the G20 2023 slogan, "From ancient times, vasudhaiva kutumbakam— 'the world is one family'—has been the mantra of Indian soil. It still is today and will continue to be so in the future. The presidency of the G20 nations is a unique opportunity to model this truth before the world. May this initiative undertaken by Honorable Prime Minister Sri Narendra Modi and the government under his leadership inspire change in the world's outlook."

Gracing the occasion as Chief Guest was Sri Kailash Satyarthi, a Nobel Peace Laureate who has led a tireless global civil-society movement of more than 40 years to end child slavery and exploitation. He called the Inception of India's Civil 20 a historic day, as it is the first time in his knowledge that the C20 is driven by the core values of spirituality.

C20 INCEPTION MEETING



As the Conference came to a close on Tuesday, India's Minister of Road Transport and Highways, Sri Nitin Gadkari, addressed the gathering. He is also the Member of Parliament for Nagpur.

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"This spirituality does not mean any religion. It is the driving force of the soul of universal humanity. When we say 'the world is one family,' this is not simply a slogan. India should lead the globalization of compassion. Compassion is not sympathy. Compassion is not empathy. When you feel the suffering of others as your own suffering, with a deeper drive to elevate the suffering, then you are compassionate. That should be the message from this C20," said Sri Satyarthi. "But one thing is very clear. That when I call you the leaders of civil society, you represent the voice of the voiceless people of the world. You represent the faces of the most invisible people of the world. You are the custodians of the collective conscience of very ordinary people on this Earth. You are the purpose of democracy."

Maharashtra Deputy Chief Minister Devendra Fadnavis is also Chair of the Rambhau Mhalgi Prabodhini (RMP), the Secretariat of C20.

As Guest of Honor, he addressed the occasion by thanking Prime Minister Modi for making G20 India 2023 a people's movement, an endeavor that can especially be seen through the actions of C20.

"We know that governments are a legal power, but civil society is a moral power. And any legal power without morality is a disaster. In any society, any community, any country, any nation, we need to have a very robust, equal system for civil-society discussions so that the last man's voice is heard by the government. And it is only civil society and its moral power that can make the governments act. So act," said Sri Fadnavis.

In addition, the Rambhau Mhalgi Prabodhini compiled proposals from C20's 14 working groups that were based upon a survey conducted by 200 CSOs and NGOs. Sri Fadnavis presented the collection to Amma in the form of a book entitled "Voice of Nagpur." Other Guests of Honour included Amb. Vijay Nambiar, Sherpa C20 India (2023); Ah Maftuchan, Sherpa C20 Indonesia (2022); Alessendra Nilo, Sherpa C20 Brazil (2024); Dr. Vinay Sahasrabuddhe, Vice-Chair RMP; Nivedita Bhide, Vice-President, Vivekananda Kendra, and C20 Steering Committee Member; and Sri M, the Satsang Foundation and C20 Steering Committee Member, who sent a video message.

"We need to establish cooperation, coordination, and communication between all stakeholders. And the people like you, who have their thinking in the interest of the welfare of the world... that is exactly the spirit behind this," he said.

"I am really happy today that under the leadership of Ammaji, your thinking, and your new futuristic vision will inspire and motivate the people of the world for the welfare of the whole world community."

Since January, C20's 14 Working Groups have been deliberating on their respective themes and engaging the global CSO/NGO community through webinars, panels, roundtable discussions, and meetings, both virtual and in-person.

Amma bows down to all, who are embodiments of pure love and the supreme self. Amma is very pleased to participate in this summit, one of the most esteemed among the C-20 conferences and to meet personally with the distinguished members of the steering committee, CSO, and NGO speakers who are offering their valued input for this endeavour. Humanity is facing many extraordinary challenges today. We think correctly only when we are on the brink of disaster. Only then do we realize that we need to do something.

However, such resolutions do not last long. People inevitably return to their old habits once again. The future belongs not to the 'single' entities, who stand divided, but to those who 'mingle' and cooperate with others. Countries and societies that try to rise on their own will surely fail. People experience two types of poverty in this world. The first is the poverty of food, clothing and shelter.

The second is the poverty of love and compassion. If we have love and compassion, we will be able to relieve the suffering of the first set of people, as well. These qualities are what we should cultivate. The huge leap in science and technology, along with misuse of the internet and increasing drug abuse among students, are all contributing to the predicament we face today.

For example, let us consider technology. It has truly revolutionized human life, but its negative aspects raise alarming concerns about the future of humankind. Now we see a new generation growing up devoid of a conscience and moral values— and what is the result? Violence, in various names and forms, is rising.

Our new discoveries and sophistication usually come with a negative side. The once evident problems have now shifted from the gross to the subtle and, consequently, become stronger. Technology is very important. It has increased conveniences and made life comfortable.

But, at the same time, the abuse of technology has also increased... and so have its dangers. This is why extensive research on the negative impact of any new invention or discovery is essential. The 'new' should never be allowed to trample on the 'old'.



NAGPUR SPEECH

The saying 'It is better to prevent than to cure' is apt in this regard. New discoveries can also mean unique, new hazards. Before such discoveries become a permanent headache to society, we need to find solutions to their potential negative repercussions and threats that could manifest. The world will bring us countless experiences—both bitter and sweet. We should consider both as opportunities for introspection. Another immediate concern is the mental health of children after the COVID pandemic. The children appear to be quite different from their former selves. Forty percent of the children seem to have a different appearance altogether.

Their behavior has changed, as well as their mental health. Fifteen years ago, Amma had encouraged devotee doctors in some countries to provide such services to children in their inner-city schools.

This suggestion comes from the experience of seeing the difference among those children. If we catch it at the beginning and offer timely counseling, it can be prevented from deepening into a psychological problem. Here is what can be done. Psychologists and psychiatrists who have the heart to serve can communicate with schools and colleges, and provide two or three hours of free counselling per week to such students.

I feel that in such places where doctors are not available, we could bring mobile clinic services in vehicles and conduct frequent health camps in remote areas. Telemedicine services can be provided for remote diagnosis and treatment of patients using telecommunication technology.

It is important to be aware of properly using the benefits they are receiving. The urgent need of the hour is good leaders with a holistic vision. We do not need those who speak the language of war but those who spread a message of peace. The world needs not separation and division today, but joining and unification.

The mind is like a pair of scissors while the heart is like a needle. To make a wearable outfit, we have to cut and divide with the scissors and join and sew together with the needle. The mind should be used in its place and the heart in its place. The heart is like a parachute. If it doesn't open, we will endanger ourselves.

May all see only the good that is in everything. While we are in a hurry to connect to science, technology and the internet— there are so many fields from which we have become completely disconnected. We have become disconnected from our true self, our atma. We have become disconnected from our environment, and from nature.

We have become disconnected from love and life, And this disconnected us from God. Most importantly, we have become disconnected from spiritual values, which can heal all the disconnections in our life. There is education for earning a living and education for life.

In ancient Gurukuls, these were taught together. When we study in college, striving for a job, that is education for a living. Education for life requires an understanding of the essential principles of spirituality. Education for life air-conditions the mind, while the former brings external air-conditioning.

Only then we would be able to bring about any changes in the world. Man has learned to fly like a bird and swim like a fish, but has forgotten how to walk and live like a human. The Creator and the creation are not two, but one. The sun does not need a candle to light its way. Just like gold is inherent in gold ornaments, and ornaments are inherent in gold. See God in others and love and serve them as such. Even if we drive carefully, another person may drive carelessly and crash into us. This is why God's grace is necessary for every situation. To receive this grace, positive actions are needed from our side. There is an underlying rhythm to our universe; the universe and every living thing in it have an unbreakable connection to each other.

The cosmos is like a vast, interconnected network. Think of a net that is stretched out by four people holding its four corners. If it is shaken slightly in one corner, the vibration is felt all over the net. Similarly, whether we know it or not, all of our actions reverberate throughout creation— whether done by an individual or a group.

So let us not think 'I will change after they do'; rather, even if they do not change, if we change, we can bring this change in others. From ancient times, 'The world is one family' has been the mantra of Indian soil. It still is today, and will continue to be so in the future. The presidency of the G-20 nations is a unique opportunity to model this truth before the world.

May this initiative undertaken by Hon. Prime Minister Sri Narendra Modi and the government under his leadership inspire change in the world's outlook. Inspire change in the world's outlook. May innumerable lamps be lit from this flame and carried across the world. May the conch call of this great yajna [holy offering] resound worldwide.

May it throw open the closed doors of human hearts! May it bring light everywhere! May you become the light!

EVENTS

POLICY DIALOGUES

Discussion Highlights

- AI policy is needed and the lawmakers must protect fundamental rights.
- The organization should be accountable for their use of AI technologies.
- The lack of trust in using AI technologies can be addressed by transparency and ethics.
- Right policies around AI and Data for local communities is the need of the hour.

C20 Working Group TST Policy Dialogue Week: Artificial Intelligence and Data for Society

Policy Dialogue Week kicked off on March 6, with the first dialogues around “AI and Data for Society.” Civil Society Organizations (CSOs) and Non-Governmental Organizations (NGOs) from over 20 countries joined the online meeting and shared their recommendations for using AI and Data responsibly. The participants collaborated on the C20 working group for Technology, Security, and Transparency.



C20 Working Group TST Policy Dialogue Week: Security, Safety, & Resilience

Dr. Krishnashree Achuthan, Amrita Vishwa Vidyapeetham highlighting the exponential growth of cybercrimes and how it has given rise to terms such as “Cyber Pandemics”. The purpose of the “Security, Safety, Resilience” dialogue was to bring together various stakeholders such as CSOs, NGOs, and individuals to engage in a dialogue with policymakers on the topic of cybersecurity.



Ryan Carrier, Executive Director and Founder of For Humanity on audit of AI Systems.



Participants of the AI and Data for Society Policy Dialogue



Discussion Highlights

- The event emphasized on global co-operation to protect fundamental human digital rights.
- The exponential growth of cybercrimes has created a need for global cooperation to protect fundamental human digital rights and critical infrastructure.
- The event highlighted the importance of a collective, intersectional, and human-centric approach to cybersecurity to build resilience and protect vulnerable communities from digital violence.
- The event also provided a platform to share successful cybersecurity practices and frameworks and to educate the public on improving digital literacy.

C20 Working Group TST Policy Dialogue Week: **Technology for Empowerment**



Discussion Highlights

- Affordable high-speed internet in rural areas is the key for inclusivity.
- The digital divide can be bridged through donations from Industry.
- Digital rights can be protected by setting up helplines to provide support to counter violence in digital spaces.
- The key barriers to tech for civil society were shared and the need to make tech investments more relevant to community needs was highlighted.

C20 Working Group TST Policy Dialogue Week: **Transparency, Trust, and Disinformation**



Discussion Highlights

- The world has moved towards a new age of automation and information-sharing over cyberspace.
- The dangers of disinformation that is disseminated to the global civil population is to be considered and addressed by right policy decision.
- A balance is to be maintained between granting freedom of expression to the civil population on social media platforms.
- Policies and regulations are required to protect kids using digital technologies especially in developing countries. CSOs must work hand-in-hand with governments to prevent money laundering

C20 Technology, Security & Transparency (TST) Working Group (WG) Presentation at Plenary Session of C20 Inception Meeting



C20 Technology, Security & Transparency (TST) Working Group (WG) 's presentation was at the 4th plenary session of the C20 inception meeting, titled "CSOs as Drivers of Innovation & Technology" from 2 to 4 PM on 21st March 2023. Other WG who presented included a special committee on financial issues, education & digital transformation, conservation of traditional arts, crafts & culture, and traditional & innovative ways of livelihood.



In her presentation, Dr. Krishnashree Achuthan, C20 TST WG coordinator, highlighted that there has been no C20 Working Group (WG) focused on technology, security, or transparency for social good in past G20 summits. So this WG presents a unique opportunity to make a meaningful impact on society. She presented the issues, challenges, and policy-level changes needed for the 4 sub-themes of the WG, namely Technology for Empowerment, AI & Data for Society, Transparency, Trust & Disinformation, and Safety, Security & Resilience. She also provided an overview of the 20+ events organized by the WG to date in terms of policy dialogues, webinars, exhibitions, and Samajshalas. In terms of coverage, these events have attracted thousands of participants from 58 countries across 6 continents. She outlined the future events of the WG, including the ones in collaboration with other G20 official engagement groups such as Startup20, Science20, Thinktank20, Youth20, and Women20.

Ms. Alison Richards, Director, oneAPI Initiative, Software Products Team, Intel Corporation & international advisor of the C20 TST WG, also addressed the plenary session as an invited speaker. Other invited speakers for the plenary session included Ms. Jaya Jaitley, President & Founder, Dastkari Haat Samiti, and renowned activist Veronika Soboleva, Director of Development at ICPC Global Foundation and Binny Buchori, The Prakarsa, Indonesia. Amb. Vijay Nambiar, Sherpa C20 India, moderated the plenary session.



C20 Policy Dialogues on Assistive Technologies

Policy Dialogue on Assistive Technology provided an for CSOs, NGOs and individuals to voice their opinions and engage with policymakers regarding development and enhancement of Assistive Technologies.

Technology is necessary for the future of human survival. AI may be used to prevent unethical use of AI and promote ethical guideline development. Compulsory courses in being conscious technologists in curriculums are needed.

Discussion Highlights

- The concept 5P's of Assistive Tech -People-centric, Policies, Products, Provisions, Personnel - and its ability to promote independence, inclusion and equality was putforward.
- Public and private sectors to collaborate in this field.
- Assistive Technologies needs to remain REAL - Recognize, Engage, Activate and Learn.

The technology launched today can be obsolete within a year and usage is unpredictable. Thus, education is key in tackling the ethical issues of AI. Young people have mixed reactions towards ethical regulations in technology use due to issues of free will and distrust of organizations. To prevent overdependence on technology, responsible use has to be perpetuated along with digital literacy and mindfulness studies.



C20 Policy Dialogues on Values and Ethics in Technology



C20 Policy Dialogues on Transformational Technologies for Agro-Based Industries

Established the need to focus on eradicating unsustainable consumption and production patterns, which serve as the root cause of triple planetary crises such as climate change, biodiversity loss, and pollution. Incorporating IoT, data processing, and AI in the Indian supply chain can reduce communication barriers between supply chains.

A technology-oriented approach to farming, such as smart farming, as well as collective farming will be more affordable for farmers.



C20 Policy Dialogues on Combating Disinformation - Pragmatic Approaches

Need more fact-checking institutions, use of mainstream media as a filter for information and holding states accountable.

Regarding media self-regulation, it was highlighted that only good content and good ground reporting win. And although ratings are a key consideration, channels also see if there is a cause for belief and then act on a regular system of fact-checking. Journalists should go through proper training to deliver proper news and new perspectives and consumers should value information by paying to subscribe to legitimate channels over free consumption of news on social media.

It was established that profit-motivated actors engage in ad-based monetization of disinformation and countries should require the industry to have 'nutrition labels' for where facts are coming from and what's the supply chain for them.



C20 Policy Dialogues on Innovative Technology Management in Civil Society Organizations

Technology plays a critical role in healthcare for rural communities and has a major role in grassroots. Rural regions are more connected than before, both by roads and online networks.

Awareness of preventive health has increased and therefore demand for healthcare has gone up. AIs such as ChatGPT could assist doctors to get patient history and facilitate treatment.

Many individuals are not thinking about the safety and security of their information yet. For example, regarding the mass adoption of GPay in India, many people are not aware if their data and transactions are indeed safe. They don't trust the technology, they trust that the others are using it and it works.



C20 Policy Dialogues on AI, Data and Ethical Governance

We should focus on who is liable instead of who is accountable to address both but there are no clear norms for liability framework yet. Transparency of AI systems is needed in the public sector in easily understood languages on how it was trained, data, principles and legal consequences.

Due to socioeconomic inequities, communities don't have access to data about themselves. AI-driven decision-making might work against them. For example in healthcare, incomplete or unusable data causes patients to miss out on the benefits of AI innovation.

C20 Policy Dialogues on Addressing Policy Needs in Cybercrime, Crypto and Privacy

Discussed the unique risks that cryptocurrency poses to the financial system. It enables criminal activities such as terrorism, money laundering, and fraud. A case investigation by Dr. Shlomit Wagman's agency was assessed to provide insight into how law enforcement agencies are dealing with these issues.

One of the main challenges highlighted with blockchain was the lack of familiarity among individuals with the technology and platforms they use to engage with digital currencies and transfer funds.

The Colonial Pipeline ransomware investigation was discussed and the importance of educating each other about decentralized finance, blockchain, and compliance and registration of companies in the marketplace was stressed.

The importance for governments and the private sector to work together to ensure that appropriate measures, such as anti-money laundering and counter-terrorist financing protocols, are in place to prevent illicit activities such as money laundering and ransomware attacks was established and discussed.



C20 Policy Dialogues on Dark Web

Need for mutual bilateral treaties between countries, collaboration between private and public sectors and partnerships amongst technologists, engineers and law enforcement agencies in addressing crimes. Continued use of honey pots, IP address monitoring, and stylometry for monitoring cyber criminal activities is essential.

Some recommendations were providing a hub for public and private companies to upload national ID information to be shared among nations to prevent misuse, a triple filter test for controlling privacy and three controls for governments: prohibiting private corporations from paying dark web vendors for information, implementing storage and deletion policies worldwide, and developing technical solutions to control these issues.

People's consent, process, and technology have to be considered when designing policies related to the dark web.



The Intersection of Artificial Intelligence and Intellectual Property Law

Concept of trying and examining ways to consider AI systems as a legal entity thereby making collaboration of AI and human creation easier and standardized. AI systems should be graded based on the priority and the impact that the system has and the legal frameworks and ethical frameworks should be tailored for these systems.

A special Policy Dialogue on Multilingual Internet



The importance of rural people needing to use the Internet was used to support the need for regional languages on the Internet. Technical infrastructure, financial support from the government and societal acceptance are needed in order to develop multilingual websites.

The panellists identified that content readiness is the most critical factor in developing multilingual websites. They recommended early education and broad awareness of different regional languages as a solution for the global issue of the language barrier in accessing the internet.

A special Policy Dialogue on Citizen Centric Cybersecurity

A concerted effort is needed to make Internet Governance citizen centric, involving industry, technical experts and users.

5 components are critical in cybersecurity ecosystems

- ▶ Cybersecurity policy and strategy
- ▶ Cybersecurity education, training and skills
- ▶ Legal and regulatory frameworks
- ▶ Standards for organizations and technologies
- ▶ Society

Education for citizens on cyber hygiene and security has to start in school. At least 10% of budgeting in organizations should be for cybersecurity.





C20 Policy Dialogue on ‘Transformational Technologies for Agro-based Industries’

The speakers highlighted the importance of educating and raising awareness about the effective use of technology in farming for agricultural development. They stressed the need for sustainable technology in food production, given that 37% of global greenhouse gas emissions come from the food system. Recommendations included overcoming unsustainable patterns in food production, integrating production, distribution, and consumption through technology, and reducing communication barriers in the supply chain using IoT, data processing, and AI. The affordability and awareness of technology adoption were also emphasized, along with the significance of technology in agripreneurship and the role of academic institutions in creating grassroots-level awareness.

C20 Policy Dialogues on Values and Ethics in Technology

The policy dialogue attracted a diverse global audience and delved into the significance of ethical considerations in our interaction with technology. Speakers highlighted the potential of technology to amplify human evolution and stressed the need for shared values and conscious leadership.

A Special Discussion on Trustworthiness of Cyber Forensics in Cyber Crimes Challenges

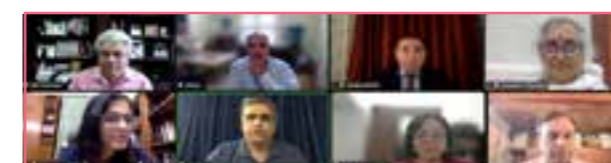
The distinguished speakers shared their expertise and unanimously emphasized the difficulties encountered in collecting, preserving, and producing evidence during investigations. The relevance and future of cyber forensics in the coming decade were highlighted, stressing the importance of communication privacy and the need to educate law enforcement in advanced methods. Traditional criminal investigation techniques were discussed, emphasizing preliminary information gathering to identify digital evidence. Following regulations, guidelines, and standards set by organizations was emphasized to ensure the trustworthiness of collected digital evidence. Challenges in forensic investigations, including validating and authenticating collected data, were addressed, particularly in cases involving ransomware, data breaches, and suspected evidence.

The growth and impact of digital forensics were emphasized, along with the utilization of technologies like CCTV and GPS in investigations. The webinar emphasized the involvement of digital devices in all types of crimes, be they digital, physical, or conventional, and shared examples of cybercrime cases to illustrate the points made.



Recommendations included leveraging AI to prevent unethical use of technology, incorporating compulsory courses on conscious technology in education, and promoting an abundance consciousness mindset. Legislation challenges were acknowledged, emphasizing the importance of educating youth on responsible technology use and promoting digital literacy. Balancing human connection with technology reliance was emphasized, along with the need for role modeling and promoting values, ethics, and happiness courses. The mixed reactions of young people towards ethical regulations were discussed, calling for responsible technology use, mindfulness studies, and involving youth in decision-making processes. The overall focus was on education, awareness, and cultivating values and ethics to ensure a conscious and responsible approach to technology in the future.

C20 Policy Dialogues on Tech Policies for Empowerment



The speakers covered a range of topics related to technology policy and empowerment. One speaker focused on global healthcare challenges and the innovative solutions developed in developing countries.

Policy recommendations included collaborating with international partners, investing in ICT infrastructure and digital literacy, ensuring access to essential medicines, and recognizing the economic impact of healthcare delivery. Another speaker emphasized the need for integrated science, technology, and innovation policy, particularly in the area of sanitation technology. Recommendations were made to address specific policy gaps. Tailored policy recommendations for India were also discussed, covering areas such as pandemic preparedness, agriculture R&D subsidies, data repositories, climate finance products, and state-level agro tech departments. The importance of a holistic education approach, challenges in the energy sector, and the need for lifelong learning infrastructure were also highlighted.

C20 Policy Dialogues on Technology impact on Education



The concept of the 3 G's (Gratitude, Goal, and Game plan) was introduced, highlighting the importance of gratitude, personal goals, and effective planning. The evolution of the education system with technological advancements was discussed, emphasizing the benefits of online programs and digital content.

The challenges faced in the business environment were addressed, emphasizing the significance of technology, leadership skills, and team management. The need to address poverty through increased literacy using technology was emphasized. A case study on the product life cycle and different types of innovations was presented. The impact of technology on the education sector, including the enhancement of Bloom's taxonomy and mind mapping techniques, was discussed. The importance of prioritizing goals, having the right attitude, and adapting to digital and technological transformations was also emphasized.

C20 Policy Dialogues on Expanding Access: Empowering Lives with Assistive Technologies & Connectivity

Hybrid Event : Tel Aviv, Israel

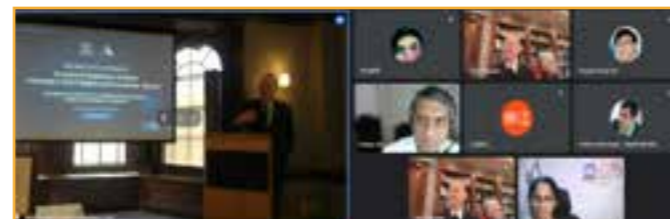
Industry leaders participated in the event, discussing strategies to bridge the gap and build public trust in digital infrastructure. Recommendations included conducting research to understand public requirements, expanding cellular coverage through alternative channels like satellites, establishing regional access centers in disadvantaged areas, and promoting international cooperation for digital inclusivity. Collaboration between government, private sector, and academia was emphasized, along with fostering innovative programs and digital literacy. The event highlighted the importance of equitable internet access and transparency in driving change.

Both immediate and long-term solutions were discussed, aiming for consistent access to digital services worldwide. The event's collaborative nature signifies a collective ambition to reduce the global digital gap and create a more inclusive digital future.

FutureCFO Round table on The Power and Perils of Artificial Intelligence

The C20 Engagement Group on Technology, Security, and Transparency presented at a FutureCFO Round Table meeting in San Jose, California, focusing on the topic of "The Power and Perils of Artificial Intelligence" (AI). The presentation aimed to educate the audience about the work done by the C20 engagement group in the areas of AI, cybersecurity, technology for empowerment, accessibility, and misinformation. The group's theme, "You are the Light," called for civil society engagement in addressing these issues. Alison Richards provided an overview of the G20/20 and highlighted the team's efforts, including reaching out to numerous countries, conducting policy dialogues, and driving initiatives like GLIDE and TACTICS. The event gathered 40 finance professionals who aimed to enhance their understanding of AI, its language, and how to navigate the benefits and risks associated with it. The goal was to foster better awareness of AI's potential for good while emphasizing the need for proper management to mitigate potential harms.

BGF High-Level Conference: AI Assistant Regulation Summit: Fostering a Tech Enlightenment Economy Alliance"



Dr. Krishnashree Achuthan presented the goals and objectives of the C20 Technology, Security, and Transparency themes at a conference held at Harvard University, USA, as part of the BGF High-level Dialog on Regulation Framework on AI Assistants and ChatGPT. The conference aimed to bring together leaders, thinkers, scholars, and innovators to develop a sustainable framework for responsible governance of AI. Drawing on the AI International Accord (AIIA), the objective was to safeguard democratic rights while effectively managing the risks associated with human-digital interaction. The Dialogue focused on transformative technology, economy, and society in major democracies like the US, Europe, Japan, and India, proposing the Global Enlightenment Mountain Program as a new model inspired by Silicon Valley. The program aims to foster advancements in AI while prioritizing the protection of fundamental democratic values and promoting responsible AI governance.

AI: Language Models, Business Implications, Ethical & Legal Transparency

C20 TST working group organized the seminar in San Jose, California on June 23rd. Swami Dayamritananda Puri provided introductory comments on the significance of C20 and its working groups.



Alison Richards, the International Advisor for the TST working group, updated the attendees on the group's efforts and introduced initiatives like GLIDES & TACTICS. The seminar featured three main speakers. Dr. Manish Gupta spoke about large language models in AI, their evolution, benefits, shortcomings, and risks. Krithik Puthalath discussed the inevitability of AI in daily life and its advantages, emphasizing the need for optimized infrastructure. Nisha Ramachandran addressed transparency in AI and its impact on business, highlighting the challenges faced by companies in creating frameworks and the development of regulations. The seminar concluded with closing remarks from Alison Richards, urging attendees to participate in the initiatives.

Artificial Intelligence: Separating Doomerism and Hype from Reality

Munich, Germany

The Civil 20 working group on Technology, Security and Transparency in collaboration with TUM ThinkTank and Institute for Ethics in Artificial Intelligence hosted a hybrid event on 'Artificial Intelligence: Separating Doomerism and Hype from Reality' in Munich, Germany on 14th July 2023.

The event featured distinguished panel speakers who provided valuable insights on the subject, sparking profound discussions. Attendees then participated in breakout sessions covering important areas such as education on emerging technologies, inclusive data representation, and addressing concerns related to AI doomsday scenarios. The event aimed to bridge the gap between AI hype and reality while emphasizing the significance of ethical considerations and collaboration in shaping a responsible future for AI.



Cost of Living Crisis A Technology and Community Nexus

Melbourne, Australia

The event focused on addressing the challenges of managing living costs during times of inflation.

The panel included seven representatives from civil society organizations (CSOs) and expert speakers who discussed the intersection of technology and community in supporting individuals and families affected by rising living costs, particularly vulnerable communities.

Key concerns highlighted during the event were policy changes related to housing, technology-enabled food supply chains, mobile phone affordability and accessibility, and financial security. The importance of collaborative efforts between CSOs, government, and businesses was emphasized. Speakers also emphasized the use of technology to combat the increasing loneliness among elderly communities and the impact of rising living costs on their social lives. The development and sustainability of community support hubs were identified as crucial for ensuring food security, as well as the mental and social well-being of the community.



Symposium on Compassion, the Need of the Hour

Chicago, USA

By emphasizing the significance of empathy and kindness in today's world, the symposium aimed to inspire positive change. Dr. Krishnashree Achuthan highlighted the TST working group's efforts that included research, stakeholder engagement, and policy generation to address the digital divide, promote multilingual internet, and make assistive technologies more affordable.

Dr. Manish Gupta explained the workings of large language models like Chat GPT, emphasizing their capacity to understand complex relationships and contexts. He mentioned the emergence of new, unpredictable properties and the potential of these models to perform a wide range of tasks. Dr. Michael Darling added that these models are data-driven and require significant human involvement for data collection and model training. He expressed concerns about data quality, automation risks, and potential security issues. The discussion touched on the misuse of AI, such as deepfakes, and the importance of compassion and ethical considerations in its development and use.



G20 Conference on Crime and Security in the age of NFTs, AI and Metaverse

Gurugram

Under India's G20 Presidency, the conference was held to promote global cooperation in addressing emerging digital and cyber challenges. The event was organized by various Indian ministries, including the Ministry of Home Affairs, Ministry of Electronics and Information Technology, and Ministry of External Affairs, along with international bodies like Interpol and UNODC.

During the conference, C20 Principal Coordinator Amb. Vijay Nambiar presented on the current state of cybersecurity and cybercrimes, focusing on the civil society perspective and the impact of emerging technologies. The importance of civil society organizations (CSOs) acting as a bridge between the government and the ground level impact was highlighted. The concept of collective responsibility and the initiatives of the TST working group, such as the Global Leadership Initiative on Digital Ecosystem for Society (GLIDES), were also discussed.

The working group emphasized the need for enhanced cybersecurity measures, particularly in the digital marketplace, and stressed the importance of strengthening international collaboration in cybersecurity. They expressed their enthusiasm for participating in similar enriching events in the future.



TACTICS – Cybersecurity Awareness Training Sessions

Cybersecurity awareness training session TACTICS were organized in various cities like Coimbatore, Navi Mumbai, Dehradun, Khorda from May to July, 2023. The sessions were conducted by a dedicated team for enthusiastic members of NGOs and CSOs. Distinguished guests emphasized the significance of cybersecurity training and awareness in combatting cyber threats, online frauds, and scams.

The sessions facilitated active participation from the attendees, who engaged in discussions about the benefits and drawbacks of navigating cyberspace.



They were educated about the potential technological hazards and equipped with cybersecurity measures to address them effectively. At the conclusion of the sessions, certificates were awarded to all participants, acknowledging their commitment to cybersecurity awareness. The primary objective of this initiative was to promote a safer digital environment through heightened awareness and preparedness.

Cyber Peace Dialogue



Dr. Krishnashree Achuthan, Coordinator of Civil20 (C20) Technology, Security & Transparency (TST) Working Group highlighted the C20 priorities for Cyber-Security in CyberPeace Dialogue held as part of UK-India Cyber-Security Cooperation program on 11th March 2023. This hybrid event was organized by the British Deputy High Commission, Kolkata, and CyberPeace. The inaugural address was given by Mr. Peter Cook, Acting British Deputy High Commissioner. The objective of the event was to provide a platform for netizens to engage in a dialogue on CyberPeace and CyberSecurity, and to build awareness and capacity on best practices for the safe and responsible use of technology.

C20 2023 Technology, Security Transparency (TST) Working Group Inception webinar

The Civil20 (C20) 2023 Working Group (WG) on Technology, Security Transparency (TST) organized its inception event on 22 January 2023, with a webinar on “Technology & Civil Society: Vision & Agenda for Civil20 2023”. The event saw the participation of 85 international and national Civil Society Organizations (CSO) from 12 countries sharing their work and policy recommendations to align with the G20 priorities. The countries represented included Australia, Canada, Costa Rica, Denmark, Finland, Germany, India, Japan, Nigeria, Singapore, Switzerland, and the United States. The event discussions centered on seven key sub-themes: data security, cyber security, fake news/misinformation, financial security, affordable access to security, ethics, privacy in AI, and transparency. Leading the discourse, Mr. Vijay K. Nambiar, Sherpa of the C20 charter, who was formerly the UN Secretary General’s Special Advisor and Deputy National Security Advisor to the Government of India, graced the inception event as the chief guest.



He provided an insightful overview of the Civil20 process and its overarching objectives to be the voice of civil society for addressing the G20 priorities.

Dr. Krishnashree Achuthan and Dr. Nava Subramaniam, Principal coordinators of the C20 TST WG, presided over the deliberations. Dr. Krishnashree Achuthan stated, “The primary objective of these types of gatherings is to foster discussions to pinpoint policy changes and devise recommendations. Our discourse is centered on the perspective of not only being technologists but also as members of civil society and how we can utilize this to not only support India but also disseminate key considerations to the attention of G20 nations on a global scale”.

The distinguished speakers of the webinar included Ms. Gauri Kumar, Chairman of the Wheels Global Foundation; Mr. Satish Babu, Chairman of the Asia-Pacific School of Internet Governance and a representative of the civil society in ICANN; Ms. Savitri Singh, Deputy Chief Executive of the National Corporate Union of India; Mr. Naavi Vijaya Shankar, founder of Naavi.org; Ms. Madhura Dasgupta Sinha, Founder and CEO of Aspire for Her; and Dr. Sundaram Seshadri, Secretary & Advisor of the Indigenous and Frontier Technology Research Centre.



C20 2023
Technology, Security
Transparency
(TST) Working
Group Webinar
on “Enabling
Technology for
Social Impact:
Policies & Actions
for a Better
Future” webinar



The webinar was chaired by Dr. Nava Subramaniam, Dean, Amrita Vishwa Vidyapeetham, and C20 TST WG coordinator.

The Civil 20 (C20) Working Group (WG) on Technology, Security Transparency (TST) organized a webinar on the theme, “Enabling Technology for Social Impact: Policies & Actions for a Better Future,” on 23 February 2023. Civil Society Organizations (CSO) representatives from 17 countries, including Norway, Finland, Germany, Netherlands, Switzerland, United Kingdom (UK), USA, Australia, New Zealand, Indonesia, UAE, Pakistan, Bangladesh, Kyrgyzstan, China, Peru, and India participated in this webinar. This webinar also attracted CSO participants from 18 states and union territories of India, including Tamil Nadu, Jharkhand, Kerala, Uttar Pradesh, Delhi, Karnataka, Maharashtra, Jharkhand, Andhra Pradesh, Assam, West Bengal, Goa, Odisha, Chandigarh, Jammu and Kashmir, Punjab, Bihar, and Rajasthan.

Mr. Apoorv Kulkarni, head of research at OMI Foundation, who specializes in mobility innovation, governance, and the public good, emphasized the importance of accessibility in technology for people with disabilities to enable their full participation in the economy. Apoorv Kulkarni is a national award winner for individual excellence as the Sarvshresth Divyangjan, and this award were presented by the Hon’ble President of India, Smt. Droupadi Murmu in 2022. He advocated the need for technological development that enables affordable and straightforward solutions. He provided policy recommendations to C20 TST WG to enhance accessibility, fund technical solutions, and increase affordability for people with disabilities. He highlighted the fact that this is an area that needed appropriate and effective policies and cooperation.



Mr. Raafi Seiff, Founder and Director of Policy+, a youth-driven and multidisciplinary think tank based in Jakarta, Indonesia, emphasized how technology can catalyze change through civic engagement. Mr. Seiff reiterated the importance of aligning regulation with needed actions for fundamental social transformation and impact, citing his experience as a member of the Indonesian COVID-19 Task Force.

Mr. Osama Manzar, founder & director of Digital Empowerment Foundation (DEF), highlighted the problem of lack of internet connectivity in rural areas and advocated for the use of technology to make it more affordable and accessible for these communities. DEF is a global CSO that has done impactful work in eradicating information poverty from India and the global south using digital tools. DEF was one of the CSOs showcased for their work in the G20 Compendium of case studies from the previous G20 summit at Bali, Indonesia, in 2022.

Dr. Shelley Marshall, Director of RMIT University Business and Human Rights Center, Melbourne, Australia, brought attention to the problem of gender-based accessibility and emphasized the importance of incorporating gender differences in design and usage. risks from a civil society perspective.

Mr. Anand Desai, Program Manager-Education from IT for Change, Bangalore, India, and Dr. Suresh Ramakrishnan, Deputy Dean of Research at the University of Technology, Malaysia, discussed the potentially transformative impact of integrating technology in education. The social impact of technology was also seen as not only affordability but a family-cultural one. One example highlighted was the importance of building the technical skills of both the children and their parents to enable the parents to understand and monitor their children’s use of technological devices.

The webinar concluded with valuable insights from Dr. Krishnashree Achuthan, Dean, Amrita Vishwa Vidyapeetham and coordinator of C20 TST WG, and Ms. Alison Richards, International advisor of the C20 TST WG. They highlighted the thematic areas of C20 TST WG and its upcoming events. They emphasized the need for the WG to explore various technology dimensions such as AI, data privacy, misinformation, and emergent risks from a civil society perspective.





SHOWCASE OF C20 PRIORITIES

C20 Working Group on Technology, Security, and Transparency Invited to deliver the inaugural address at the two-day Global Tech Summit 2023

A delegation from the Technology, Security & Transparency working group (TST WG) of the Civil 20 was invited for the inaugural address at India's largest Global Tech Summit 2023, which took place in Visakhapatnam on February 16 and 17, 2023. The summit focused on exploring emerging technologies and solutions to counter challenges in various sectors. This was the first of its kind in India, with a major focus on the application of Technology to Health, Tech, Finance, Pharma, Science, and other Industrial Sectors.

The summit was attended by participants from Asia, Europe, North America, South America, and Africa. The event attracted 400 tech leaders and 1000 delegations from 25 countries; among the highlights was the signing of an MoU between the National Development and Reforms Commission (NRDC) and the European Business and Technology Center (EBTC). Additionally, approximately 100 startups showcased their innovative ideas at the summit.

Event co-convenor Srinubabu Gedela, CEO of Pulsus Group, welcomed a rich panel of dignitaries, tech stalwarts, business entrepreneurs, prominent researchers, and academicians, including Andhra Pradesh state ministers: Sri. Gudivara Amarnath (Industries); Smt. Vidadala Rajini (Health); Shri Botsa Satyanarayana (Education), as well as Ada Dyndo (European Business and Technology Centre) and Commodore Amit Rastogi (National Research Development Corporation), and Pragma Chaturvedi (British High Commission), the summit was one of many in the Global Tech Summit series, a G20-sponsored initiative scheduled to take place throughout 2023 in G20 nations such as Riyadh, Seoul, Tokyo, Rome, Paris, New York, Melbourne, Beijing, London, and India.

The G20 group highlighted the crucial role that technology and transparency will play in achieving their goals. During the summit, Dr. Nava Subramaniam, the Coordinator for the Civil20 Working Group on Technology, Security, and Transparency at Amrita Vishwa Vidyapeetham, delivered the inaugural address.

While much of the discussion focused on the opportunities offered by technology and risks associated with emerging technologies such as AI, Dr. Nava reminded the importance of technological development to be inclusive, value-based, and sustainable. She warned of the dangers of a rapidly evolving technological ecosystem that may not benefit all alike and that there are specific dangers to vulnerable communities who are not able to access technology. She emphasized the importance of civil society's voice being part of technological development, where the aim is to leave no one behind! She further highlighted that with India's presidency of the G20 this year, now more than ever, the opportunities to work with the global community in forging policies based on exemplary cases from all over the world are high.

Also, she served as the panel chair for the "Embracing Technology and Empowering Society" session at the Digital Bharat panel discussion organized by the Federation of Indian Chambers of Commerce & Industry. During this session, participants discussed the Government of India's ambitious plans to establish a digitally empowered society and knowledge economy. This initiative promotes digital literacy, develops digital infrastructure, expands digital services, and adopts emerging technologies such as artificial intelligence, blockchain, and the Internet of Things. In her final remarks, she explained the important role played by the TST WG of the C20 in identifying and advancing policies on technology development that will foster greater security and affordability of emerging technologies. The C20, one of the engagement arms of the G20, is headed by Sri Mata Amritanandamayi Devi, the Chancellor of Amrita University, who advises that - Technology needs to be used with discernment!



Technology can improve engagement with civil society organizations and make the process more inclusive, allowing for a more diverse range of perspectives. Dr. Krishnashree Achuthan, Coordinator for C20 Technology, Security & Transparency, praised the State of Andhra Pradesh for showcasing C20 priorities. The C20 Group is committed to transparency through digital tools and platforms that provide regular updates and progress, making it a more inclusive platform for civil society engagement with the G20.

C20 Working Group Presents at Cyber Crime Against Women Summit '23



The Cyber Crime Against Women Summit '23 was an event organized by C20 TST WG hosted by Amrita Vishwa Vidyapeetham on 28th February 2023, in association with the Government of Tamil Nadu and the Tamil Nadu State Commission for Women, an initiative by the National Cyber Security Research Council supported by the Indo-Russian IT association. The summit brought together experts from various fields, including law enforcement, cybersecurity, corporate, and women's rights, to discuss the challenges and solutions related to cybercrime against women. The summit covered a wide range of topics, including the types of cybercrime that women are most vulnerable to, the impact of cybercrime on women's lives, and the legal and regulatory frameworks that can be used to combat cybercrime against women. Participants also shared best practices and case studies related to preventing and investigating cybercrime against women.

The event was graced by Mr. T Mano Thangaraj, the Hon'ble Minister for Information Technology and Digital Services of the Government of Tamil Nadu, and Ms. A.S Kumari, Chairperson of the Tamil Nadu State Women Commission. Other notable guests included Ms. C. Maheshwari, IPS; Dr. E. Khalieraaj, the Director of NCSRC in New Delhi; Mr. Anirudh Balaji, President IRITA Executive Director, and Ms. Suhasini Manirathnam, an Indian actress, director, producer, and writer in the Tamil film industry.

Mr. Ashok Kumar Mohan, a member of the C20 TST WG, addressed about various tools used for Digital Detox and other cyber attack prevention. The summit also highlighted that governments and law enforcement agencies should work to create stricter laws and regulations to prevent cybercrime against women. Awareness campaigns, educational programs, and strict offender penalties can help create a safer online environment for women. The fight against cybercrime is ongoing and requires a collaborative effort from all stakeholders to protect women and their online activities.

Several of the distinguished speakers evinced interest in collaboration and partnership with various C20 initiatives and programs in terms of joint initiatives, knowledge-sharing, and partnerships in research or policy development.



C20 ENGAGEMENT WITH G20 OFFICIAL ENGAGEMENT GROUPS

Dr. Krishnashree Achuthan, Coordinator for C20 Technology, Security & Transparency (TST) Working Group (WG), discussed collaborative initiatives and partnership events with Thinktank20 Chair, Amb. Sujan R. Chinoy, Director General, Manohar Parrikar Institute for Defence Studies and Analyses (MP-IDSA) at Amrita Vishwa Vidyapeetham Amritapuri campus on 30th March 2023.



Dr. Krishnashree Achuthan, Coordinator for C20 Technology, Security & Transparency (TST) Working Group (WG), discussed collaborative initiatives and partnership events with Mr. Anmol Sovit, Chair, Youth20 at Amrita Vishwa Vidyapeetham Amritapuri campus on 26th March 2023. Other WG members, Mr. Sumeet Bahl and Mrs. Rekha Bahl were also present.



C20 India 2023 Working Group on Technology, Security, and Transparency, led by its coordinator Dr. Krishnashree Achuthan attended the inception meeting of Startup20 at Hyderabad on 28 and 29 January, 2023. She discussed possible synergies between both forums with the Startup20 Chair, Dr. Chintan Vaishnav, Mission Director of Atal Innovation Mission (AIM), NITI Aayog.

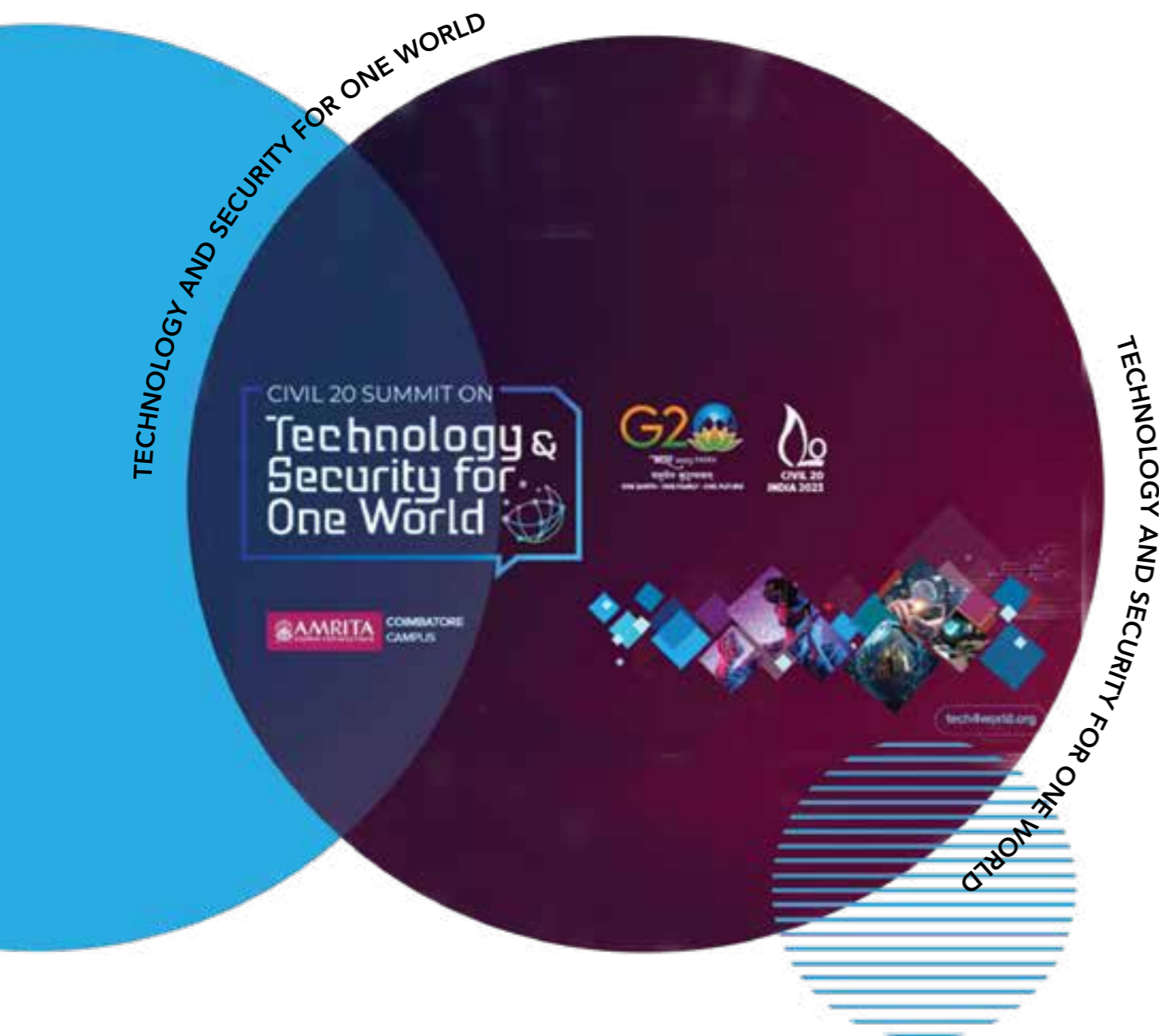


Dr. Prashant R. Nair, C20 TST WG member, briefed Mr. Amitabh Kant, G20 sherpa, on various C20 priorities and initiatives during the 1st Digital Economy Working Group (DEWG) meeting at Lucknow on 14th February 2023.

C20 TECHNOLOGY AND SECURITY FOR ONE WORLD SUMMIT

12 TO 14 MAY

Amrita University, Coimbatore Campus, India



C20 Technology and Security for One World Summit INAUGURATION



The C20 Summit aimed to formulate policies on technology access, security enhancement, and transparency improvement. It provided a platform for Civil Society Organizations (CSOs) and technology experts to engage in discussions, workshops, and policy meetings.

The Civil 20 (C20) Summit on Technology and Security for One World was held at Amrita Vishwa Vidyapeetham in Coimbatore. The event brought together dignitaries from India and abroad and aimed to address the challenges posed by technology and promote responsible utilization for the betterment of society.

In summary, the C20 Summit on Technology and Security for One World addressed the challenges associated with technology and emphasized responsible utilization. The event highlighted the need for research on potential hazards, embraced diversity as a unifying force, and underscored the importance of spirituality and moral values in shaping a positive future.

Amma, the Chair of C20, expressed concerns about the negative impact of technology on humanity, including the misuse of the internet and the erosion of moral values. She emphasized the need for thorough research on the potential hazards of new inventions before their widespread deployment.

Shri RN Ravi, the Hon'ble Governor of Tamil Nadu, highlighted India's role as the host of the G20 Presidency and stressed the importance of embracing diversity as a means of resolving global differences. He emphasized India's transition to a people-centric approach, leveraging technology-driven initiatives to deliver services and drive positive outcomes.

Swami Amritaswarupananda Puri discussed the benefits and dangers of science and technology. He cautioned against their misuse, particularly in the context of generative AI, and highlighted the limitations of technology in understanding complex human concepts and biases.





GLOBAL ENLIGHTENMENT COMMUNITY: FROM WORDS TO ACTIONS - THE URGENCY FOR GOVERNMENT AND CIVIC ACTION



Special Address by Nguyen Anh Tuan, Co-founder and CEO of Boston Global Forum

The special address highlighted the urgency for government and civic action in the face of uncontrolled artificial intelligence (AI) development. Tuan emphasized the initiatives undertaken by Boston Global Forum, such as the AI World Society (AIWS) and the establishment of the Social Contract for the Age of Artificial Intelligence. These efforts aim to maximize the benefits of AI while managing risks and ensuring responsible development. Tuan also emphasized the importance of collaboration among governments, businesses, academia, and civil society to overcome AI-related challenges. He highlighted the need for education, leadership development, and ethical practices in harnessing the power of AI for the betterment of society. Tuan called upon India, as the host of the G20, to lead global actions and urged the establishment of alliances and initiatives like the Global Alliance for Digital Governance and the Global Internet Governance, Digital Empowerment and Security Alliance to consolidate efforts and shape a future guided by AI and technology for human progress.



HIGHLIGHTS

C20 Technology and Security for
One World Summit



Lt General (Dr.) Rajesh Pant
National Cyber Security Coordinator, PMO, India



Mr. Ah Maftuchan
C20 Troika Member



Mr. Abhay Thakur
G20 Sous Sherpa



Amb. Vijay Nambiar
Sherpa of the C20 charter

PLENARY

From Ethics to Action: Civil Society Strategies for Shaping the Development and Deployment of Artificial Intelligence

From Virtual to Virtuous: Conscious Technology Based on Human-Centered Values.



In the discussion moderated by Mr. Sundar Narayanan, several experts shared their perspectives on ethics and values in AI and technology. Mr. Vilas Dhar of the McGovern Foundation emphasized the need for compassion-centered choices and considering the consequences of technology. He highlighted consumer responsibility in refusing to use unethical products and the importance of blending spirituality and values with science. Dr. E. A. Gopalakrishnan from Amrita Vishwa Vidyapeetham discussed the significance of instilling values and ethics from the early stages of education. Dr. Oded Margalit from Ben-Gurion University emphasized the balance between collective needs and privacy invasion, while addressing the challenges of regulations and ethics.

Mr. Avinash, representing the Department of Telecom, highlighted the importance of inclusiveness, diversity, and policy initiatives to create awareness and facilitate competition among small companies. Mr. Noel Corriveau suggested open source policy making and transparent rule-making processes. Allison emphasized the need for standardization, addressing human bias in AI, and fostering collaboration between government and private sectors to define and solve problems collectively. The discussion revolved around the ethical implications of AI and technology, the importance of values, and the need for collaboration and education in creating a responsible and inclusive ecosystem.

During the discussion moderated by Swami Amritaswarupananda Puri, C20 Troika Member, the focus was on technology based on human values. It was highlighted that parents and elders often set wrong examples for children, such as allowing them to play violent video games. The need for emotional connection and setting the right examples was emphasized. Mr. Poonacha Machaia of the Chopra Foundation discussed the intention behind using technology and the responsibility of software engineers. He emphasized the importance of values, integrity, authenticity, and having a higher purpose in life. Ms. Arya Jha, Youth 20 Representative, stressed the importance of inculcating values in children and not just providing them with material possessions.

Dr. Bhavani Rao spoke about using technology to achieve gender equality and the need to address grassroots problems. Dr. Srinath Reddy emphasized the ethical responsibility of technology creators and the importance of building regulatory safeguards. The discussions revolved around the role of values, ethics, compassion, and responsible use of technology in creating a virtuous technological environment.

The Pillars of Digital Inclusion: Affordability, Financing and Internet Governance.



During the session on internet governance, Mr. Pradeep Gupta highlighted that internet governance is a decentralized ecosystem involving various organizations and is not binding on any governing body. He emphasized the need for improved security measures to protect against scams and the difficulty in differentiating between scams and legitimate data. Mr. Satish Babu noted the lack of practical action in addressing security issues, inadequate representation for security concerns, and the challenge of handling fake news. Ms. Felista discussed the importance of affordability and funding for digital technology, particularly for vulnerable populations such as people with disabilities in Africa. Amb. Vijay K. Nambiar emphasized the need for digital inclusion and international partnerships to bridge the digital divide, especially in regions like Africa. Mr. Ravindran highlighted the significance of technology in financial services and the importance of collaboration between the public and private sectors. The session also addressed the need for new laws to address cybercrime and data privacy concerns. Overall, the discussions revolved around the challenges and opportunities in internet governance, security, digital inclusion, and the role of partnerships and leadership in addressing these issues.



Keynote by Mr. Marco Taxeria
UNODC

In his keynote address, Mr. Marco Taxeria highlighted the pressing issues of smuggling, weapons, drugs, criminal justice, wildlife trafficking, cybercrime, and the lack of security in today's world. He emphasized the importance of raising awareness among society about the severe consequences associated with these challenges. Security, transparency, and civil society were identified as key factors in addressing these issues effectively. Mr. Taxeria also stressed the need to educate children on physical and mental health security. Actions to counter these threats include increased cooperation with stakeholders, involvement of youth in learning best practices, and promoting awareness, strong passwords, and regular updates. Enhancing international cooperation, empowering users through technology, and investing in cybersecurity and related projects were identified as crucial steps to prevent cyber abuse and illegal activities on the internet.

Panel Discussion: From Cyber Attacks to Cyber Pandemic: Strategies and Solutions for Civil Society Organizations.



During the session, multiple speakers addressed various aspects of cybersecurity and risk management. Mr. Welis emphasized the importance of establishing a community for banking and insurance companies, highlighting the need for cybersecurity experts and resources to monitor networks and equipment. Ms. Sambrata highlighted the significance of protecting personal data, being cautious of spam messages, and implementing quantum encryption in critical sectors. Mr. Rajat discussed the importance of resilience and information sharing among businesses and countries to mitigate cyber threats.

Mr. Manoj stressed the need to identify risks, run cyberattack simulations, and engage with experts to address emerging technologies' security challenges. Dr. Krishnashree emphasized the role of CSOs as potential solutions, the importance of ethics education, and integrating ethics into the curriculum. Overall, the speakers recommended measures such as regular data backups, continuous network monitoring, preparation for crises, and increased awareness and education to enhance cybersecurity and resilience in the face of cyber threats.



PANEL DISCUSSIONS

Panel Discussion – From Exclusion to Empowerment: The Role of Technology in Making Health and Education Accessible to All

The panel discussion centered on the role of AI and technology in healthcare, education, and social innovation. Dr. Srinath Reddy emphasized the importance of addressing access gaps, affordability, and quality healthcare in lower-income countries. He highlighted the need for proper guidelines, support for self-care, and maintaining the human element in healthcare. Dr. Mathew discussed the healthcare system in South Africa and the need for integrated information systems to ensure equitable service. Ms. Lindy Wafula highlighted the use of technology in strengthening global relationships through non-profit organizations and promoting volunteerism and skill-sharing.

Dr. Marcela Frossard discussed the role of civil society organizations in healthcare and policy integration in Brazil. Dr. Maneesha Sudheer shared insights on Live-in-Labs, a program integrating healthcare, education, and spirituality to address community needs. Dr. Prema focused on the gap in education and how technology can bridge it, sharing examples of inclusive technology initiatives. The panel underscored the potential of technology in transforming healthcare, education, and social development, while also acknowledging the challenges and barriers that need to be addressed.



Special address

Dr. Vint Cerf

Vice President and Chief Internet Evangelist, Google

Connectivity is everything

Vint Cerf, representing the leadership panel at the Internet Governance Forum, delivered an introduction highlighting several key concerns and considerations. He stressed the importance of including the voices of the simple society in policy development to ensure policies benefit the wider society.

Cerf discussed the primary motivation behind the design of the internet, which aimed to enable communication between any entities. He explained the role of the Domain Name System (DNS) in establishing digital signatures to verify the source and destination in the internet environment. Cerf expressed concerns about fragmentation, both in terms of connectivity and accessibility to the internet. He mentioned various methods used to bypass blocks, such as VPNs and onion routing. Cerf also addressed the challenges of misinformation and disinformation on the internet, emphasizing the importance of critical thinking and accountability. He advocated for holding parties accountable and suggested that international cooperation and strong authentication are crucial for ensuring safety and protecting human rights. Cerf concluded by calling for discussions on the conclusions of the annual governance forum and leadership panel.



Special address

Mr. Pradeep Gupta

Entrepreneurship: Beyond a Successful Idea

In the special address by Mr. Pradeep Gupta, the risks and challenges associated with starting a business were addressed. The failure rate in entrepreneurship is high, with only a small percentage of startups achieving significant success. Pradeep Gupta explained that 15% of startups have the potential to become successful, with 5% becoming unicorns, meaning they have the ability to impact a billion lives. He emphasized the importance of having passion, taking financial and business risks, and building a dedicated team. The key factors for success were identified as aspiration, inspiration, and perspiration.

When it comes to choosing investors, Gupta highlighted the importance of evaluating the revolutionary nature of the idea, the associated risks, and the viability of the project. The dedication and commitment of the team were also seen as crucial factors for angel investors. Gupta emphasized the use of Sustainable Development Goals (SDGs) and Environmental, Social, and Corporate Governance (ESGs) filters in assessing investments. He mentioned the availability of ecosystems and funding options for startups in India,

including college and special incubators. Startups were advised to continuously upgrade their products due to the competitive market landscape.



Special address

Mr. Vilas Dhar

President and Trustee of the Patrick J. McGovern Foundation

Compassion in the Age of AI: Nurturing Human Flourishing through Ethical Design

In the key note, Mr Vilas Dhar mentioned that the rapid development of tools like generative AI and connectivity signifies the time of accelerating change. The choice we face is whether to prioritize global inequality or create a world driven by human values rather than technology. Ethical AI is crucial, and stakeholders should consider principles of ethical design that prioritize human-centered technology and tools that alleviate fears and provide access for all.

Open source tools and stories of successful community-driven initiatives should be shared and supported by CSOs. Women's unique roles and the impact of technology on labor displacement are highlighted, emphasizing the need for fairness, justice, empathy, and shared identity.

Public infrastructure, multi-sectoral intervention, government engagement, and responsible corporate behavior are deemed essential for building a better future. Collaboration, re-engagement with technology, and community-building are emphasized as key components of progress.



Special address

Mr. Paul Nemitz

Principal Advisor, European Commission

The special address by Mr. Paul Nemitz emphasized the importance of democratic legislation and the need for technology and business models to adhere to democratic principles. The solutions found so far are acknowledged as imperfect, with controversial views that have been regularized through parliamentary democratic processes. Privacy and protection of data are key considerations, and a high-level group on Ethics and AI is mentioned.

The convergence of functioning democracy, innovation, and technology is highlighted, emphasizing the need for rules and legislation that align with democratic values. Profits should not take precedence over upholding democracy. The ability of people to uphold democracy is seen as a valuable resource. It is emphasized that technology and business models must accept and operate within the framework of democratic laws. Arguments influenced by special interests are cautioned against, and the ethical stance is seen as supporting democratic law. Overall, the discussion emphasizes the integration of democracy and artificial intelligence, calling for technology to respect and abide by democratic principles.

BREAKOUT SESSIONS

Empowering Vulnerable Populations: Challenges and Solutions for Developing Countries



The discussion highlights the need for communities to lead development efforts, particularly in addressing healthcare disparities based on affordability. The importance of affordability and the vulnerability surrounding the usage of technology are emphasized. The lack of access to services in deep rural areas and the potential of technology to address this issue are discussed. Gender divide, unequal job hiring, and the potential for technology to become a human rights issue are also mentioned. Involvement and outreach to vulnerable populations, particularly remote women and women with disabilities, are seen as crucial.

The challenge of raising awareness about the needs of the vulnerable is highlighted. The conversation also touches on issues of inequality in healthcare, neglect of the elderly, and demographic challenges in rural areas. The lack of statistical data and cost issues affecting the middle class are identified as key problems. Policy recommendations include dividing healthcare based on affordability, adapting emergent technology to ensure inclusivity and human-centric design, and exploring the concept of seva or service in exchange for funding individuals.

POLICY DISCUSSION

Digital Transformation of MSMEs and Digital Economy: Challenges and Opportunities for Growth and Innovation

The discussion highlights the role of businesses, particularly small companies, in helping society grow and addressing societal needs. Innovation is emphasized as a means to improve existing solutions rather than solely focusing on new inventions. Examples such as the AMUL model, culturally appropriate silk production, and Aravind Hospital serving the poor demonstrate how businesses can contribute to society. Digital transformation is another area where small companies can make a difference, including transmitting information, facilitating transactions, and leveraging smartphones for various purposes. The incorporation of technology into agriculture, healthcare, education, and financial services is suggested to bridge gaps and empower marginalized communities.

Digital literacy campaigns, financial literacy programs, and initiatives targeting women and youth are highlighted as opportunities for social impact. Customized services, early warning systems, and leveraging platforms like WhatsApp and AI are mentioned as ways to address specific needs and improve accessibility. The role of civil society organizations (CSOs) in driving innovation and providing tailored solutions is emphasized. Overall, the focus is on leveraging technology and innovation to benefit society while considering cultural preservation and inclusivity.

AI Regulation Requirements: How to Avoid Dangers and Achieve Safety and Fairness

The need for regulations and standards to address risks, bias, and diversity in AI is emphasized. The importance of developing skills and awareness of ethical choices and dilemmas is highlighted, suggesting the inclusion of ethics courses in university curricula. Trust in AI systems is compared to trust in doctors, with qualifications and certifications playing a role in establishing trust. Learning from past experiences and taking ownership of decision-making processes are recommended. Harmonized efforts and collaboration among stakeholders are encouraged for effective AI progress.



The role of civil organizations in conducting pilot studies to understand on-ground issues is recommended. Understanding how AI works beyond the data it is fed and considering the involvement of people in decision-making processes are identified as areas for further exploration. The drafting of AI governance acts and the involvement of civil societies in decision-making and data governance frameworks are proposed. Personal data protection and the establishment of data management offices are suggested for comprehensive policies.

Gender, Vulnerable Populations, and Technology: How to Promote Diversity and Equity

The discussions highlighted the importance of collaboration, diversity, and knowledge sharing in various domains. In the context of preventing cyber attacks, it is emphasized that collective capabilities are enhanced through diverse discussions and reaching out to different communities. The need to support victims of domestic violence with online tools and resources to react and protect themselves is mentioned. Empowering individuals with agency, particularly in areas with limited access to quality education, is considered crucial. Vocational training, vocational skills development, and breaking gender stereotypes are seen as avenues for empowering women and marginalized groups. The use of digital tools, exposure to technology, and entrepreneurship support programs tailored for women are recognized as valuable opportunities for growth. R&D efforts for social good, addressing gender-based violence through technology solutions and implementing response systems are suggested.

Recommendations from the audience include focusing on practical issues related to gender-based challenges, providing tailored education for women in tech jobs, and addressing basic needs such as access to sanitary pads before tackling higher-level problems like technology access

Technology for Good: How to Align Ethics, Values, and Human centricity with Technology Goals and Outcomes



During the discussions, Mr. Sundar highlighted the revolutionary potential of generative AI in areas like product development, but also expressed concerns about automation bias and the influence of platforms like Google in shaping our beliefs. Mr. Noel emphasized the need to shift the mindset of corporations towards using technology for good. Mr. Manoj stressed the importance of discussing and addressing potential ethical issues from the inception of technology development. Mr. Rajat likened technology to a surgical knife, highlighting the significance of individual intent and the role of meditation and yoga in promoting clarity of thought for responsible technology use.

The discussions also touched on encoding biases, the impact on autonomy and self-sufficiency, the role of government in identifying vulnerable populations, the need for regulations and oversight, and the ethical considerations throughout the AI lifecycle. Overall, the discussions emphasized the importance of ethical awareness, responsible implementation, and a focus on the desired outcomes and positive impact of technology.

Child Online Safety, Trafficking & Technology Addiction: Policy Guidelines and Recommendations for a Digital World



The policy recommendations put forth during the discussions revolve around strengthening the legislative framework and promoting responsible online behavior. The first recommendation is to enhance the understanding and handling of cyber issues by training specialized police personnel and judges. Stricter laws and dedicated enforcement units are also suggested to address violations effectively. Ensuring remote access to the internet, particularly in rural, urban poor, and tribal areas, is seen as crucial for enabling individuals to benefit from online resources. Additionally, there is a call for a stronger workforce in the child protection sector to combat harassment faced by children and women. It is emphasized that parents and adult role models should exhibit positive online etiquette and sensitivity, discouraging toxic behavior.

The final recommendation encourages individuals, particularly young people, to be proactive advocates of cyber safety, speaking up against cyberbullying and using the internet responsibly. The overarching message is to exercise caution, be mindful of the information shared online, and strive to be responsible and safe digital citizens.

Managing Cross Border Cyber Attacks: Challenges and Opportunities for Cooperation and Coordination

The policy recommendations put forward by the participants aim to strengthen collaboration and cooperation between various entities to combat cybercrime effectively. The first recommendation emphasizes the importance of communication and coordination among different departments and states, fostering a collaborative approach in addressing cyber threats. It is suggested to establish a shared task force involving multiple countries to mitigate cybercrime cells and organized attacks. The participants highlight the need for wider collaboration between nations to tackle cybercrime and propose that the G-20 and other international bodies encourage and facilitate such cooperation. Additionally, blocking funding to disrupt the resources available for cybercriminal activities is suggested as a strategy.

Another important recommendation is the implementation of a data privacy bill that updates the definition of privacy and ensures the protection of personal information. Overall, the focus is on enhancing cooperation, sharing intelligence, and implementing robust measures to address cybercrime globally.

Empowering Vulnerable Populations: Challenges and Solutions for Developing Countries

The policy recommendations aim to tackle healthcare access, technology inclusivity, and vulnerability reduction. They suggest dividing healthcare based on affordability, adapting emergent technology to diverse learning patterns, and treating technology as a human rights issue. The introduction of “human-centric” technology and the imposition of service in exchange for funding are proposed. Community involvement and the use of data to reach vulnerable populations are emphasized. The challenges of unequal availability, accessibility, and acceptability in healthcare, gender divides, and unequal job hiring are highlighted. The recommendations also address issues like neglect of the elderly, demographic disparities in rural areas, and the lack of statistics for mitigation efforts. Overall, the focus is on promoting equitable healthcare, inclusive technology, community participation, and reducing vulnerabilities to empower individuals and ensure access to services. Recommendations from the audience include focusing on practical issues related to gender-based challenges, providing tailored education for women in tech jobs, and addressing basic needs such as access to sanitary pads before tackling higher-level problems like technology access

Technology and Education: Policy Strategies and Recommendations for Successful Integration

The discussion highlights the knowledge gap in interacting with AI systems and suggests incorporating training programs focused on this aspect. It is recommended to encourage interaction and discussion with students when encountering AI technologies like ChatGPT. The potential of ChatGPT to improve the average performance of students is mentioned, but changing teacher curricula may require more time. Adaptive learning robotics is proposed to enhance community mental health by identifying goals and purposes within the environment. Concerns about the negative effects of technology on interpersonal qualities in the classroom are raised, emphasizing the importance of retaining the human element in teaching. Educating students to be better questioners and involving parents in positive technology use are suggested. Integrating anti-plagiarism features and investigating the role of robots in teaching and learning processes are proposed. The focus is on teaching teachers, finding persuasive ways to integrate AI in education, and promoting knowledge acquisition over productivity, while also addressing ethical considerations and the prevention of malicious AI use.

Multilingual Internet & Internet Governance: How to Overcome Barriers and Embrace Opportunities for Communication and Cooperation

The limited online presence of languages despite the existence of over 7,000 languages is highlighted. The need for deliberation on internet governance, net neutrality, and combating fake news is emphasized. The panelists address various challenges and propose policy recommendations. These include the intersection of connectivity and the importance of domain name systems supporting different scripts. The availability of content in multiple languages and the role of AI in generating such content are discussed. Security concerns related to input formats, voice recognition, and translation are raised. The commercial viability of multilingual internet and the need for government support are also mentioned. Open-source systems for healthcare information, bias in datasets, and the importance of end-user perspective are addressed. The significance of community co-creation of content, quality monitoring, and the recognition of accents and dialects are highlighted. The potential of multilingual internet in promoting inclusivity, poverty reduction, and educational empowerment is emphasized. The need for government initiatives and commercial involvement is recognized to address these challenges and enhance accessibility to the internet in multiple languages.

Technology Financing from the Civil Society Perspective: Civil Society’s Take on Financing Technology for Progress



Keynote by
Mr. Abhishek Singh, IAS
President and CEO of National E-Governance Division

The policy recommendations suggest ways to enhance the use of technology in the operations of Civil Society Organizations (CSOs) and Non-Governmental Organizations (NGOs). They emphasize treating hardware as a service to improve affordability, promoting recycling and upgrading of technology, and strengthening the technology capabilities of CSOs as part of the Sustainable Development Goals (SDGs). The recommendations also highlight the need for partnerships between CSOs, academia, and funding agencies, transparency and accountability in tech funding, and the right to repair and use refurbished technology. Addressing power imbalances in data ownership and fostering corporate support for CSOs are additional focal points. The involvement of youth and startups in solving technological challenges is encouraged. Overall, these recommendations aim to close the technology gap in CSOs, leverage technology for social impact, and create a supportive environment for collaboration and innovation in the development sector.

EXHIBITIONS

Civil20 (C20) Technology, Security & Transparency (TST) Working Group coordinated by Dr. Krishnashree Achuthan, Dean, Amrita Vishwa Vidyapeetham, organized an Exhibition for Technology Enablement at Coimbatore on 11th March 2023. The focal theme of the exhibition was 'Technology for Societal Empowerment'. 30 innovations with a societal & humanitarian focus from various startups and student teams were showcased at the exhibition. Mr. K.K. Pillai, Authority Member, Agricultural & Processed Food Products Export Development Authority (APEDA) under the Ministry of Commerce & Industry, Government of India, inaugurated the exhibition, and Dr. Sasangan Ramanathan, Dean-Engineering, Amrita Vishwa Vidyapeetham distributed prizes & awards to the top 10 innovations of the exhibition, which spanned innovations in smart healthcare, smart agriculture, energy, assistive technologies,

safety & security. These innovations will be mentored for technology enablement and pre-incubation support by the DST-Amrita Technology Enabling Center (TEC) of Amrita University.

SMPS Battery chargers for electric vehicle charging, which are capable of charging batteries faster and more efficiently than traditional chargers with transformers.

ATHENA. This healthcare assist provides remote monitoring daily, supervision of vital parameters using machine learning algorithms for employees in industries to reduce health concerns and to ensure that productivity remains at satisfactory levels.

Development of Impinging Jet Solar Air Dryer for Powder Coating Applications in Small-Scale Industries. The designed system produced hot air at a temperature of 96°C with a 100 kg/hr flow rate. The system efficiency also increased by 21% compared with conventional solar air heaters.

Neural Amp is a non-invasive bio amp to capture the bio signals like (EEG, EMG & ECG) from the human body using electrode patches.

Smart Shoes for the Blind uses IoT & sensors to help the visually impaired communicate with the environment at an affordable cost.

Leak detection in concealed pipelines using sensors. This is a system that detects cracks or leaks in pipelines, provides a 3D output of the pipeline with XYZ coordinates, and marks the leak area of the pipeline without demolishing the outer area.



The top 10 societal innovations identified were:

IoT Based Smart Agrirobot, which is available on an app that allows farmers to perform various tasks such as plowing, seeding, water sprinkling, and testing the PH of the soil



Bio-inspired robotic predatory bird to scare crop-eating birds is a 3D printed carbon fiber reinforced robotic bird called an ornithopter.



Neural Amp



Prototype Biomass Gasifier



Advanced IoT Kit



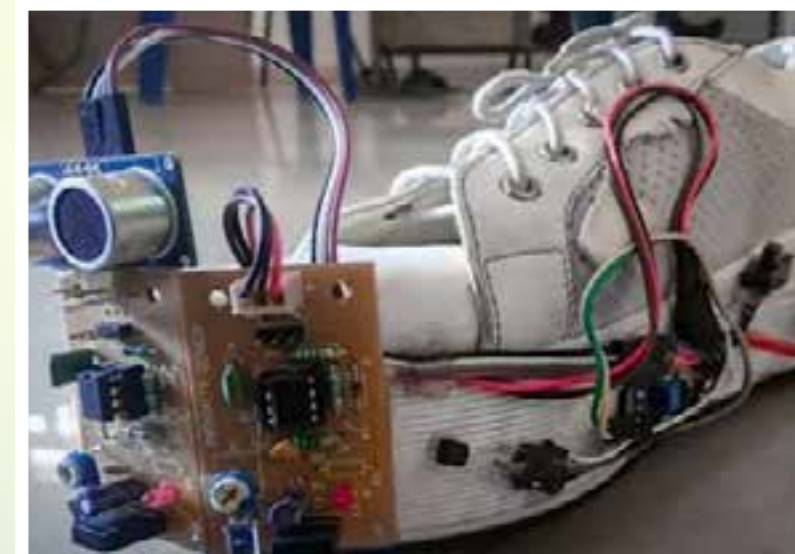
Development of Impinging Jet Solar Air Dryer for Powder Coating Applications in Small Scale Industries



SMPS Battery chargers



Leak Detection in Concealed Pipeline



Smart Shoes for Blind



TECHFAIR & PROJECT EXHIBITION

Anokha 2023 Techfair

Civil20 (C20) Technology, Security & Transparency (TST) Working Group coordinated by Dr. Krishnashree Achuthan, Dean, Amrita Vishwa Vidyapeetham, organized a Techfair & Project Exhibition as part of the Anokha 2023, an annual national techfest of the Amrita Vishwa Vidyapeetham, Coimbatore campus held at the campus from 27 to 29 April, 2023. This innovation showcase featured over 50 projects aligned to Civil20 (C20) priorities – technology, security & transparency, sustainable & resilient communities, integrated holistic health, and education & digital transformation. Featured projects included Amrita Praanavaayu – a low-cost Pressure Swing Adsorption based oxygen concentrator; Cyber Clinic based on Cyber Readiness Interactive Simulation; AI handwash monitoring systems for industry & hospital projects; Augmented Reality (AR)-based smart light bulb control application;

C20 EXHIBITION

Compendium released by Government of Tamil Nadu Cabinet Minister at Umagine Catalyst'23

On 15th March 2023, a compendium of the top 10 innovations of the C20 Exhibition for Technology Enablement was released by the Hon'ble Minister of Information Technology and Digital Services of the Government of Tamil Nadu, Mr. Mano Thangaraj during the Umagine Catalyst 2023 roadshow event at Coimbatore. Dr. Prashant R. Nair represented the C20 TST WG at the event. The focal theme of the C20 exhibition held on 11th March 2023 was 'Technology for Societal Empowerment.' Umagine Catalyst roadshow, is an innovation expo for Tech Startups, organized as part of a series of events to promote Umagine Chennai 2023, one of the largest annual technology, entrepreneurship, and skill summits in Asia, organized by Electronics Corporation of Tamil Nadu Limited (ELCOT).



Anokha 2023 Techfair

Effective utilization of PPE biomedical waste in construction; bulletproof composite for armor suite & fire resistant composite for the tent for Indian soldiers, IR thermometer; pulse oximeter; glucometer; Production of biofertilizers from food waste; sturdy furniture from Lantana Camera weed;

light emitting concrete, and various types of robots such as humanoid, vacuum, barista, agriculture and AI gesture controlled. These projects were drawn from various departments and centers across the university campuses of AMRITA.



The techfair was inaugurated by Dr. Sasangan Ramanathan, Dean, Faculty of Engineering, Amrita Vishwa Vidyapeetham in the presence of Prof. C. Parameswaran, Principal Director, Corporate & Industry Relations (CIR) & Air Commodore Satish Menon, Campus Director of Amrita Vishwa Vidyapeetham and Anokha techfest conveners, Mr. M. Sreevalsan and

Dr. Prashant R. Nair, C20 TST working group member. These innovations will be mentored for technology enablement and pre-incubation support by the DST-Amrita Technology Enabling Center (TEC) of Amrita University.

C20 SAMAJSHALA

C20 Samajshala Meeting on Technology & Research for Societal Good

A Samajshala meeting was conducted on 22nd February 2023 for the sensitization of research towards C20 priorities, including key points by the Technology, Security, and Transparency (TST) working group. Senior researchers from several Central Universities, such as Kerala University, Central University of Pondicherry, Central University of Tamilnadu, and so on, took part. The deliberations focused on devising strategies for building partnerships to address the C20 research initiatives, as well as organizing side events for the same. The meeting was jointly coordinated by the Amrita School of Business, Coimbatore, and the TST working group. It was held as part of a five-day DST-sponsored training program on Research for Societal Good Through Social Responsibility.



C20 Samajshala Meeting on Cyber Awareness for Youth

A Samajshala meeting on Cyber Awareness for Youth was conducted on 12th March 2023 at Amrita Vishwa Vidyapeetham Coimbatore campus. 60+ youth from the youth organization AYUDH were sensitized on the cyber safety issues, which is one of the priorities of C20 TST WG. Ms. Neena R.



Mohan provided an overview of cyber crimes and how to stay safe. The participants provided their inputs and suggestions on spreading the word and organizing awareness sessions in various communities as part of the C20 initiatives.



Outreach

- Countries reached Out
- Countries responded
- Regions Responded



WORLDWIDE CSO PARTICIPATION

FROM
122
COUNTRIES



UDHAHARANS



DIGITAL LITERACY PROGRAM COUNTRY: INDIA

India Future Foundation and Meta, in partnership with Law Enforcement Agencies in various states, launched the Digital Literacy program to create a safe online environment for over 35,000 children. The project raised awareness among students about cybercrime, educated stakeholders on digital literacy, and provide resources to build a global community of responsible digital citizens.



DIGITAL DEMOCRACY PROGRAM COUNTRY: PERU

The Digital Democracy Program is 10 years old. During this time, it has developed multiple lines of work, activities, and projects for South and Central America. They have identified about 1000 good digital projects in Peru and Latin America that show how technology for the betterment of society. The observatories encourage replication and scaling up of such projects in other countries to reach more benefactors.



SAGA DETOX DE DATOS LATINE COUNTRY: LATIN AMERICA – MEXICO, HONDURAS, PARAGUAY AND VENEZUELA

Detox de Datos Latine was a social media campaign designed in collaboration with digital rights activists, young people, and educators to raise awareness about digital privacy, security, and well-being among young people in Latin America. The campaign included characters and stories about challenges young people are confronted with in their digital lives and recommendations on how to address these.



NO MINOR FUTURES COUNTRY: GLOBAL

No Minor Futures is an educational campaign about the hopes and fears of youth around artificial intelligence. To raise awareness and take action on these issues, the project engaged a group of adolescents with adult artists, technologists, academics, and activists through a series of online workshops on topics like AI and childhood, social media, privacy, governments, and digital storytelling were discussed.



HUMAN TRAFFICKING COUNTRY: NEPAL

Human trafficking is a modern-day form of slavery that violates human rights and is a serious violation of international law. Victims of human trafficking may be forced to work in various industries and may also be forced to engage in commercial sex acts. The program aims to shelter the vulnerable by providing resources and education. They have convicted 1804 traffickers and have rescued 3661 victims



SEGUR@S EN LÍNEA COUNTRY: PANAMA AND CENTRAL AMERICA AND DOMINICAN REPUBLIC

Segur@s en línea is a project with a gender perspective that sheds visibility around digital gender violence through the collection of data. In this way contributes to the search for a solution to the problem. It's not your fault. You don't deserve it. You're not alone.



ESCONESI COUNTRIES: ARGENTINA AND GUATEMALA.

EsConESI is a promising opportunity to expand access to sexual and reproductive health services, shift gender norms, and disrupt power imbalances. It mobilizes youth voices through social media all offers a chance to accelerate strategies to ensure youth participation in the design of comprehensive sexuality education content.



AMRITA TECHNOLOGY ENABLING CENTER (TEC) COUNTRY: INDIA

Amrita Technology Enabling Centre (TEC) provides innovative, affordable, and cost-effective solutions to the challenges faced by MSME clusters in Kerala and Tamil Nadu, such as plywood, rice mill, cashew, agricultural implements, foundries, and coir, as well as other sectors, such as medical devices, healthcare, and machinery.



SHAKTICON CYBER SECURITY CONFERENCE, TRAINING & CAPTURE THE FLAG (CTF) FOR WOMEN COUNTRY: INDIA

ShaktiCon is a completely free global conference from Amrita Vishwa Vidyapeetham focused on inspiring, training, and upskilling women in cybersecurity. Born out of an understanding that cultural circumstances do not always encourage women to flourish in male-dominated fields, ShaktiCon is committed to creating a suitable environment to showcase the range of women's talents in cybersecurity.



VIRTUAL LABS COUNTRY: INDIA

A significant number of colleges in India are in rural settings. Some of them do not have the facilities or resources to set up advanced laboratories and instrumentation facilities. Virtual Labs project is an initiative of the Ministry of Education, Government of India, to address this problem as a paradigm shift in ICT-based education. Under the Virtual Labs project, over 100 Virtual Labs consisting of approximately 700+ web-enabled experiments were designed for remote operation and viewing

MAJOR INITIATIVES

TACTICS PLATFORM FOR CIVIL SOCIETY EMPOWERMENT

Technology Advancement and Capacity-building Training Initiatives or TACTICS is a comprehensive and free training session for Civil Society Organizations. It is designed to equip members of CSOs with the knowledge and skills needed to protect themselves against cyber threats.

The program aims to increase awareness and understanding of common cyber threats, and provides best practices for securing personal and professional data. Our ultimate goal is to enhance the cybersecurity posture of the civil society and mitigate the risks associated with cyber threats. By participating in the program, civil society members can take proactive steps to safeguard their personal and professional data, prevent cyber attacks, and respond to security incidents.

GLIDES ALLIANCE

Global Internet Governance, Digital Empowerment and Security alliance - An initiative aimed at creating an alliance of Civil Society Organizations (CSO) from across the world as part of Civil20 that enables an inclusive, open, non-discriminatory, and fair digital society through collective efforts.

MY EARTH ASSETS

Our planet's natural assets are vital for sustainable economic growth and development. But with increasing environmental degradation, it's more important than ever to protect and restore our ecosystems. That's why we're excited to introduce My Earth Assets, a new initiative that harnesses the power of technology to make sustainability a fun and rewarding experience.

EMPOWERING WOMEN TO LEAD

A joint collaboration between C20 TST Working group and How Women Lead (USA) led by top executive women to empower women by activating individual and collective power to influence the change they want to see in the world through personal leadership, investment, and philanthropy.

SAFE AND BRAVE ONLINE

It is an exclusive initiative for youth that empowers them while providing knowledge and practical skills to mitigate cyber ills and develop resilience.

GLIDES INITIATIVE LAUNCHED AT CIVIL20 SUMMIT



The Global Internet Governance, Digital Empowerment and Security Alliance (GLIDES), a grouping of Civil Society Organizations (CSO), was formally launched by Mr. R.N. Ravi, Hon'ble Governor of Tamil Nadu state in India during the Civil20 (C20) Technology & Security for One World summit held at Amrita University, Coimbatore, India on 13 May 2023. Dr. Vint Cerf, Internet pioneer, who is considered one of the fathers of the Internet, delivered a special keynote on "Connectivity is Everything" during the summit as the first meeting and activity of this alliance.

This alliance is intended as a launching pad for evolving the multi-stakeholder policy-making process for security and Internet governance and other pressing issues like digital access, safe harbor, net neutrality, data privacy, fake news, multilingual Internet, and digital rights. CSOs from 23 countries have signed up for the alliance including CyberPeace Institute from Switzerland; Connect Humanity & Boston Global Forum from the USA; Digital Leadership Institute (DLI) from Belgium; E-lunch from Japan; Policy+ from Indonesia; Tech for Good from Australia; AçãoEducativa from Brazil; Kijiji Yeetu from Kenya and various Internet Society chapters in India, Africa, and South America.

GLIDES JUNE 2023 MONTHLY MEETING

The June 2023 monthly meeting of Civil20 (C20) Global Internet Governance, Digital Empowerment and Security Alliance (GLIDES) was held on 23rd June 2023 with a presentation and policy dialogue on Internet Governance (IG) by Mr. Satish Babu, Member-At-large advisory committee, ICANN and Chair, Asia Pacific School of Internet Governance. Internet Bolivia, Internet society chapters, and Institution of Electronics & Telecommunication Engineers (IETE), India were some of the civil society organizations who participated in this GLIDES monthly meeting. In his presentation, Mr. Satish Babu provided an overview on the gamut of issues in IG such as governance mechanisms, data privacy, digital public infrastructure & goods, accessibility, digital divide and the role that civil

society can play towards development of a multi-stakeholder framework for IG. He also outlined how Civil20 (C20) Technology, Security & Transparency (TST) Working Group (WG) and GLIDES can get representation in various committees and events of ICANN, Internet Governance Forum (IGF) and Internet Society. Dr. Krishnashree Achuthan, Coordinator; Ms. Alison Richards, International Coordinator and Dr. Prashant R. Nair, GLIDES coordinator of C20 TST WG also spoke during the GLIDES meeting.



GLIDES JULY 2023 MONTHLY MEETING

The July 2023 monthly meeting of Civil20 (C20) Global Internet Governance, Digital Empowerment and Security Alliance (GLIDES) was held on 5th July 2023 with a distinguished address on 'Global Enlightenment Community: From Words to Actions - The Urgency for Governmental and Civic Action' by Mr. Tuan Nguyen, CEO of Boston Global Forum (BGF). Mr. Nyugen is also director of the Michael Dukakis Institute for Leadership and Innovation (MDI); co-founder of the AI World Society Innovation Network (AIWS.net); co-founder of AIWS City (AIWS.city), and co-author of the books, Social Contract for the AI Age and Remaking the World - Toward an Age of Global Enlightenment.

Digital Leadership Institute Belgium/EU, AFRD Georgia, CyberKid Vietnam, Internet Bolivia, Internet society chapters in India, and Kijiji Yeetu Kenya were some of the civil society organizations (CSO), who participated in this GLIDES monthly meeting. In his presentation, Mr. Nyugen stressed upon expanding partnerships and collaboration for the C20 official engagement group of G20 and its GLIDES alliance of CSOs. Dr. Krishnashree Achuthan, Coordinator; Ms. Alison Richards, International Coordinator and Dr. Prashant R. Nair, GLIDES coordinator of C20 Technology, Security, and Transparency (TST) Working Group (WG) also spoke during the GLIDES monthly meeting.



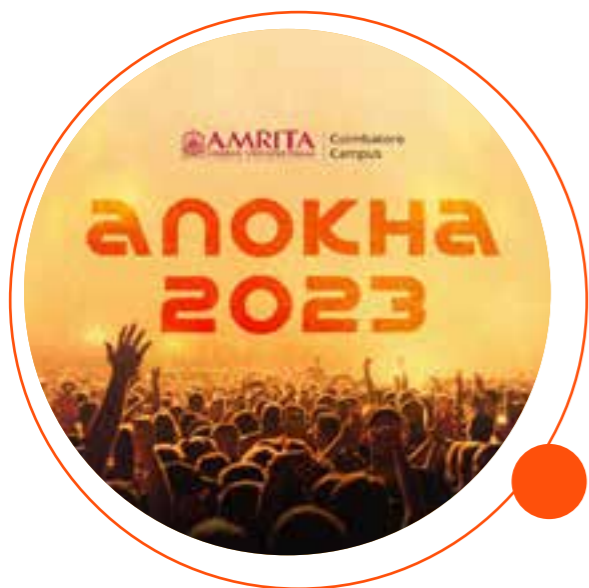


TREE PLANTING

The emergence of blockchain technology has opened up new opportunities for tracking and verifying environmental protection activities. Furthermore, NFT platforms can play a key role in supporting tree-planting initiatives and fostering collaboration among a diverse range of individuals and organizations. With the help of these platforms, it's easier than ever before for anyone to participate in environmental protection activities and access the resources needed to make a meaningful impact.

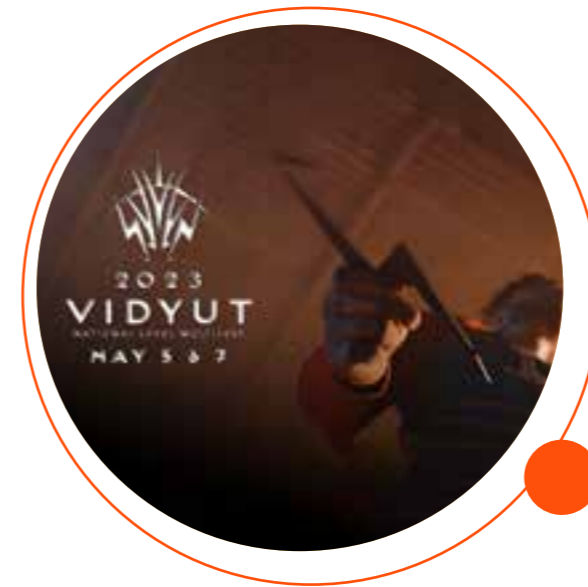
To leverage the power of NFTs to create a unique opportunity for donors or supporters to own and support individual trees or sections of a forest. By creating NFTs that represent each tree or section, individuals can purchase and own a tangible asset that represents their contribution to reforestation efforts. The proceeds from the sale of these NFTs can then be directed towards planting and maintaining trees in specific areas, thereby helping to address environmental concerns and combat deforestation.

Our goal is to use science and technology for social good, with a focus on data sciences, AI, and advanced applications. We have established research zones within the Institute and a social sciences wing that researches alternative teaching methods to empower and transform communities. By planting trees and tagging communities, we foster a culture of sustainability and stewardship, with significant environmental benefits.



ANOKHA 2023

Anokha 2023 techfest is proud to be recognized as a supporting event of the prestigious Civil20 (C20), official engagement group of G20. The fest orchestrates a plethora of workshops, innovation showcases and a techfair aligning to the various working groups of C20, which are hosted by Amrita University under the guidance of a world-renowned humanitarian leader, Sri Mata Amritanandamayi Devi (AMMA), the Chancellor of the university.



VIDYUT 2023

independence, collaboration, human rights, gender equality and women empowerment. The multi-fest that envisages to showcase the talents of peers all over the nation will prove to be more inclusive and participatory, giving equitable social justice to whomsoever being distinguished as otherwise. As a campus community, Amrita thrives to bring out leadership and zeal for selfless service among the youth. Aligning our goals with the collective goals of C20 India, VIDYUT follows India's philosophical tradition to realise the greatness and limits of individualism and collective response. Selflessness conjugates these two in order to strengthen the foundation of Indian civil society.

VIDYUT 2023 envisions in striding towards new and greater horizons to expand its wings as we employ the principles of C20 into our goals. Cultivating the ideas of the Indian C20 motto - "You are the Light," VIDYUT brings fire to ideas of hope, self-motivation and selfless service to achieve transparency,



TACTICS CYBER AWARENESS TRAINING PROGRAM

Our program aims to increase awareness and understanding of common cyber threats and attack techniques among civil society members. We provide best practices for securing personal and professional data, including password management, network security, and privacy protection. Additionally, we educate civil society members on safe and responsible use of social media and email, and provide strategies for identifying and responding to phishing attacks and other forms of cyber threats.

Our ultimate goal is to enhance the cybersecurity posture of the civil society and mitigate the risks associated with cyber threats. By participating in our program, civil society members can take proactive steps to safeguard their personal and professional data, prevent cyber attacks, and respond to security incidents.



GLOBAL INTERNET GOVERNANCE, DIGITAL EMPOWERMENT AND SECURITY ALLIANCE (GLIDES)

The Internet is the most important critical infrastructure today. Ensuring the security, safety, scalability, and stability of the Internet is of prime importance to all stakeholders. CSO representation is not adequate in bodies such as ICANN, UN IGF, ISoC, etc. There is also an inadequate mechanism to monitor and measure the health of the Internet on an ongoing basis, sharing the results with the stakeholder communities in the country. This alliance will be a launching pad for evolving multistakeholder policy-making process for security and internet governance as also associated pressing issues such as digital access, internet shutdowns, safe harbor, net neutrality, data privacy, data governance, cyberstalking, online harassment, cyber security, fake news, multilingual internet, and digital rights.

ACTIVITIES

- 1 Open, dynamic, inclusive, Not-for-Profit, voluntary, civil society-centric transnational platform with an online portal.
- 2 CSO can submit their policy recommendations, which will escalate to the general public, existing internet governance mechanisms, the G20 secretariat in India, and subsequently to the secretariat in Brazil, the host of the next G20 summit.
- 3 CSO can share their best practices & success stories to feature on the portal.
- 4 The alliance will organize monthly meetings, workshops, training programs, seminars & deliberations on various issues of concern not limited to digital access, internet shutdowns, safe harbor, net neutrality, data privacy, data governance, cyberstalking, online harassment, cyber security, fake news, and digital rights.
- 5 The alliance can commission studies & white papers around Internet-related concerns in G20 countries and publicize its findings.

C20 CSO ALLIANCE GLOBAL INTERNET GOVERNANCE DIGITAL EMPOWERMENT & SECURITY (GLIDES) ALLIANCE

<p>DIGITAL LEADERSHIP INSTITUTE {BELGIUM}</p>	<p>INTERNET SOCIETY HYDERABAD CHAPTER {INDIA}</p>	<p>INTERNET SOCIETY TRIVANDRUM CHAPTER {INDIA}</p>	<p>INTERNET SOCIETY LIBERIA CHAPTER {LIBERIA}</p>	<p>GLOBAL SOUTH INITIATIVE {NEPAL}</p>
<p>INTERNET GOVERNANCE FORUM (IGF) CHAD {CHAD}</p>	<p>KIJJI YEETU {KENYA}</p>	<p>CHILD ONLINE AFRICA {GHANA}</p>	<p>DEMOCRACIA DIGITAL {PERU}</p>	<p>OPEN NET KOREA {SOUTH KOREA}</p>
<p>INTERNETBOLIVIA FOUNDATION {BOLIVIA}</p>	<p>IPANDETEC {PANAMA}</p>	<p>AÇÃO EDUCATIVA {BRAZIL}</p>	<p>CONNECT HUMANITY {USA}</p>	<p>E-LUNCH {JAPAN}</p>
<p>CYBERPEACE INSTITUTE {SWITZERLAND}</p>	<p>TECH FOR GOOD {AUSTRALIA}</p>	<p>INTERNET SOCIETY CHENNAI CHAPTER {INDIA}</p>	<p>INTERNET SOCIETY KOLKATA CHAPTER {INDIA}</p>	<p>ISRAEL INTERNET ASSOCIATION {ISRAEL}</p>
<p>POLICY + {INDONESIA}</p>	<p>INTERNET SOCIETY COLOMBIA CHAPTER {COLOMBIA}</p>	<p>CYBERKID {VIETNAM}</p>	<p>BOSTON GLOBAL FORUM {USA}</p>	<p>PRERANA {INDIA}</p>

PRESS & MEDIA

Published On: Wed, Feb 22nd, 2023 | Local News | Nagpur News | Nagpur | By Nagpur Today | Nagpur News

Speaker at C20 Conference warns of technology's negative impact

"Technology, a good servant, but a dangerous master", says Dean of Anrita Vishwa Vidyapeetham



Nagpur: "Technology is the bridge between the real world and digital world. Its negative impact must be examined before adopting it. It is a good servant, but a dangerous master" said Dr

മിന്നോക്കരുടെയും സമീകൃതരുടെയും 50 കോടിയുടെ ചുമട്ടുവിലയിൽ ടാറ്റാ സാമ്പത്തികം.



ആദ്യം 50 കോടി രൂപയുടെ ചുമട്ടുവിലയിൽ ടാറ്റാ സാമ്പത്തികം. മിന്നോക്കരുടെയും സമീകൃതരുടെയും 50 കോടിയുടെ ചുമട്ടുവിലയിൽ ടാറ്റാ സാമ്പത്തികം.


Secure | url: india.com/global-tech-summit-2023-kicks-off-in-visakhapatnam-deliberates-upon-emer...

States +

South

Posted at: Feb 18 2023 9:08PM

Global Tech Summit 2023 kicks off in Visakhapatnam, deliberates upon emerging challenges technology sector



Visakhapatnam, Feb 16 (UNI) The two-day Global Tech summit 2023, kicked off in Visakhapatnam on Thursday to discuss the emerging technologies and solutions to counter emerging challenges in various sectors in future. The aim of the two-day Tech summit is also to bring the brightest minds from the tech industry to discuss the latest trends and advancements in the technology sector. Speaking at the first day of the event, Gudivada Amarnath, Minister for Information and communication of Andhra Pradesh said that the government is working round the clock to make the "City of Destiny" the second most hub of technology in the country after Bangalore. **Tags:** #Global Tech Summit 2023 kicks off in Visakhapatnam#deliberates upon emerging challenges technology sector **Please log in to get detailed story.**

ആഗോള ടെക് സമ്മിറ്റ് 2023-ൽ പങ്കെടുക്കുന്നതിന് വിജയവാടിയിൽ 50 കോടി രൂപയുടെ ചുമട്ടുവിലയിൽ ടാറ്റാ സാമ്പത്തികം.



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Voice of Voiceless

ABHISEKH CHOUDHARI / TNN / Mar 21, 2023 12:55:57

YOU'RE READING



NAGPUR: Lauding the work of civil society organizations (CSOs), Nobel laureate Kalash Sanyal, chief guest at the inaugural session of Civil 20 India (C20I) on Monday said that being the 'voice of the voiceless', they have a major role to play on the world stage. The high-profile inaugural session saw a host of dignitaries on the dais including spiritual

Three-day Civil20 Inception Conference being hosted by Nagpur, one of the official engagement groups of G20, will get on Monday at Hotel Radisson Blu. Mata Amritanandamayi, well-known spiritual leader, who is C20 India Chair, will inaugurate the international event at 3 pm. Nobel laureate Kalash Sanyal, Deputy Chief Minister of Karnataka and Chairman of Ramdhani Mhugi Prabodhini Anand Mathan, Sherpa, C20 Indonesia 2022, Akshandra K, Troika Member, C20 2023 and Gestas Brati, Vice-Chairman of Ramdhani Mhugi Prabodhini And Patron, Civil20 Secretariat, Ambassador Vijay Nambak, Sherpa C20 2023, Mwerita Bhate, Vice-President, Karnataka Kendra, Kanyakumar will share the dais. The Civil20 meet, one of the components of G20, will be discussing role of civil society organizations in steering the society towards achieving sustainable development goals is being held in Lon March 20 and March 21. Apart from the inaugural function, the meet will witness plenary sessions on both days.



C20 team member Dr Parvathi Foke and others with Mata Amritanandamayi Devi, Sherpa Anand Mathan, Sherpa, C20 2023, Mwerita Bhate, Vice-President, Karnataka Kendra, Kanyakumar will share the dais.



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“From Guatemala, the heart of the Mayan world to Columbia that represents: magical realism to Cameroon which is all of Africa in one country to simply inspiring Germany up to the timeless charm which is Vietnam, the Civil20 technology, security, and transparency (TST) working group of Incredible India, has swept significant parts of the globe in engaging grassroots organizations overcoming barriers of language, culture and disability. Focusing on Civil Society organizations that are deeply engaged in empowerment using technology, digital safety, governance and infrastructure and to those whose impact affects 95% of world GDP while pushing the frontiers of technology, security and transparency, the Civil20 TST working group team is humbled by the overwhelming responses of CSOs from 122 countries and regions across 6 continents thus far.”

Dr. Krishnashree Achuthan

India Coordinator, C20 TST Working Group

वसुधैव कुटुम्बकम्

ONE EARTH ONE FAMILY ONE FUTURE