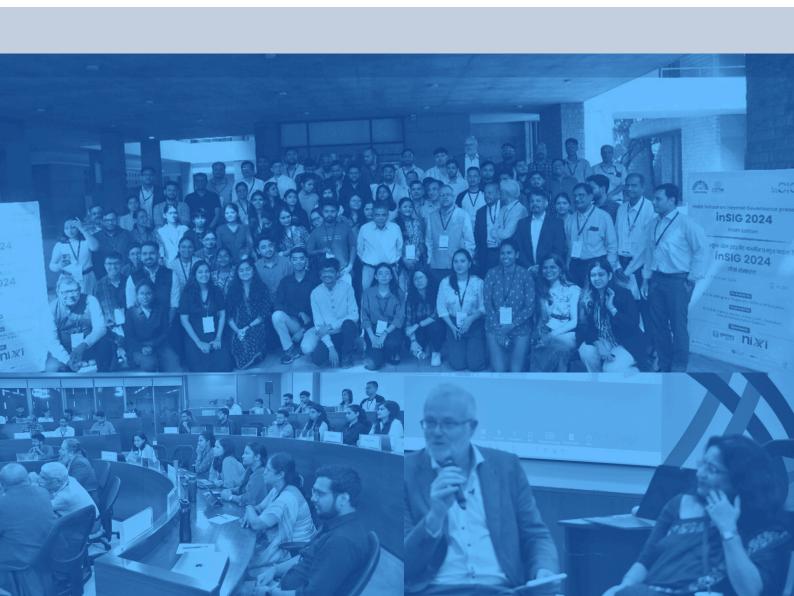


inSIG Report 2024



inSIG 2024 | 02

TABLE OF CONTENTS

 About inSIG Our Objectives inSIG Over the Years and Impact 	3
	4
	5
4. Testimonials	8
4.1 Fellows 4.2 Speakers	8
4.3 Sponsors	9
5. inSIG Initiatives	10
6. inSIG2024	15
Day 1	15
Day 2	20
Day 3	23
Annexure	26

ABOUT INSIG

The India School on Internet Governance (inSIG) was founded in 2016, when inSIG2016 was convened in Oct-Nov 2016 at IIIT Hyderabad, immediately prior to the ICANN57 meeting held at the same city. The event had 44 participants from 9 countries and 22 speakers from 12 countries. The second edition of inSIG was held in October 2017 at Technopark, Trivandrum, which brought together 88 participants, including 63 Fellows from 5 countries, and 15 Speakers from 6 countries. The third edition, held in New Delhi in Oct 2018, brought together about 90 participants. The fourth edition was conducted at Kolkata, West Bengal, during 15-17 Nov 2019, where over 70 participants from India and abroad took part.

Given the global pandemic, inSIG2020 was organized as a virtual event, hosted by ISOC Mumbai Chapter. The event was conducted over three days (7-10 Oct 2020), with a Day 0 event on 3 Oct 2020. The 2021 edition of inSIG was also organized as a virtual event, with a Fellows meet-n-greet on 14 Nov 2021 and the main sessions during 19-21 Oct 2021. The host chapter was Chennai.

After two years of virtual editions, inSIG2022 was organized as a face-to-face event during 25-28 September 2022. The seventh edition was hosted by ISOC Hyderabad Chapter and was held in the International Institute of Information Technology (IIIT), Hyderabad.

The eighth edition of inSIG was held in Indian Institute of Technology, Guwahati and the ninth edition i.e. the 2024 edition was held in Indian Institute of Management, Bangalore.



OUR OBJECTIVES

The objectives of inSIG are:



Impart formal training on Internet Governance to participants so as to prepare them for engagement in global Internet Governance processes. To this end, the programme content is a balanced mix of global IG topics, regional topics and Indiaspecific topics (in the approximate ratio of 60:10:30);



Nucleate a community of Internet Governance professionals in India through alumni



Introduce to participants some of the global experts in Internet Governance as speakers in the program



Provide networking opportunities for participants



Provide an international setting for participants through a mix of domestic and international participants, making inSIG a national-regional SIG.

insig over the years AND IMPACT



The India School on Internet Governance (inSIG) was established in 2016, marking the beginning of a structured effort to engage Indian stakeholders in Internet Governance dialogues. The first edition, inSIG2016, was organized in Hyderabad just before the ICANN 57 meeting, setting a high standard for subsequent editions. Over the years, inSIG has hosted its sessions across India. In 2017, the second edition was held in Trivandrum, followed by Delhi in 2018, Kolkata in 2019, and virtual editions in Mumbai and Chennai in 2020 and 2021, respectively, due to the pandemic. 2022 was held in Hyderabad. Each year, the event expanded its reach, attracting more fellows from across India and beyond, with participation from international experts and government officials.

By 2023, inSIG had completed its eighth edition in Guwahati, solidifying its status as a premier forum for Internet Governance in the country. inSIG has successfully incubated the India Youth Internet Governance Forum (YIGF), which began in 2018 and now runs parallel to inSIG as an independent event. The school has also consistently hosted the Global Forum for Cyber Expertise (GFCE) Triple-I workshops since 2018. These workshops, held in Delhi, Kolkata, Hyderabad, Guwahati and Bangalore, focus on enhancing trust in the Internet by promoting open standards and global cybersecurity practices. With contributions from various global experts and institutions such as ICANN, APNIC, and ISOC, inSIG continues to grow as a platform for knowledge-sharing and capacity-building.

inSIG's impact extends far beyond the annual events. Over the years, it has become a crucial platform for developing thought leadership in Internet Governance across India and the Asia-Pacific region. More than 400+ Indian and international fellows have been part of inSIG, creating a growing network of alumni who are now actively engaged in shaping Internet Governance policies at various levels. This alumni network includes professionals from government bodies, the private sector, academia, and civil society, with many becoming ambassadors for the initiative, promoting its values and mission.

IMPACT IN NUMBERS

400 +

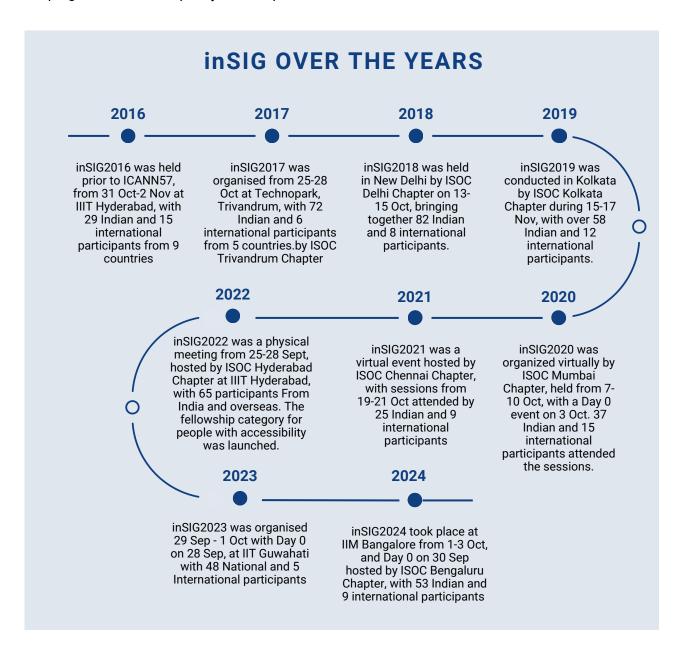
FELLOWS





In terms of capacity building, inSIG has provided participants with a thorough understanding of the Internet's core technologies, governance models, data protection, privacy, cybersecurity, and other emerging global and national challenges. The program's structure encourages multi stakeholder participation, bringing together voices from the government, civil society, technical community, and academia. Topics such as India's proposed Digital India Act, Digital Personal Data Protection Act, and the global discourse on platform governance and cybersecurity have been extensively discussed, making inSIG a critical forum for policy influence. Moreover, inSIG's fostering of initiatives like the India Youth IGF has ensured that young people are actively involved in Internet governance, positioning them as future leaders in the digital space.

Overall, inSIG has not only enhanced awareness and knowledge but also facilitated active engagement in global Internet Governance processes, making it a significant contributor to shaping India's Internet policy landscape.



inSIG Organizing Team







TESTIMONIALS



4.1

inSIG2024 Fellows



GARIMA PANIGRAHI

Office of Member of Parliament (Rajya Sabha)

InSIG 2024 marked my first significant interaction with Internet governance, offering an immersive crash course on key issues and facilitating valuable stakeholder engagement. The diverse cohort and thought-provoking role-playing activities honed my problem-solving, teamwork, and consensus-building skills. The experience culminated in drafting a proposal for India IGF, providing an excellent opportunity to apply everything we had learned.



DEEPIKA NANDAGUDI SRINIVASA

Data Security Council of India

The inSIG Fellowship has been a tremendous boost to my career in technology policy. Through informative panel discussions and interactive roleplay sessions, I gained invaluable insights and made excellent connections with thought leaders, policymakers, and professionals in the Internet Governance space. I left with practical takeaways, especially in areas like data privacy and digital trust, that I can directly apply to my work. I highly recommend this program to professionals looking to broaden their perspectives on technology policymaking.



ANANYA ARORA

King's College London

Being a fellow at inSIG 2024 was a transformative experience that significantly deepened my understanding of the evolving landscape of Internet governance. The program was meticulously designed, blending insightful discussions with interactive role-plays and group activities. Expert-led panels, featuring industry leaders such as Samiran Gupta (ICANN), Sabarinath G Pillai (APNIC), and Champika Wijayatunga (ICANN), offered diverse perspectives on key issues like cybersecurity, digital inclusion, and Al governance.

The organisers—Amrita Choudhury, Anupam Agrawal, Adarsh BU, and Jay Paudyal—curated a program that was both informative and engaging, effectively bridging the gap between theory and practice. Their guidance made complex topics accessible to a wide audience.

It was an honour to be part of a cohort of passionate, driven fellows from across the country, each bringing unique insights and experiences. The collaborative environment encouraged continuous learning, and the networking opportunities were invaluable. Overall, inSIG 2024 has equipped me with actionable takeaways that will help shape my future work in the Internet Governance space. I highly recommend this fellowship to anyone looking to broaden their horizons and engage with the most pressing issues in Internet policy.



MUHAMMAD HAIKAL MANSOR

Ministry of Justice, United Kingdom, Malaysia

Participating in inSIG 2024 has greatly expanded my understanding of Internet Governance and its surrounding ecosystem. I had the opportunity to connect with likeminded individuals from diverse backgrounds, allowing us to share and explore our mutual passions. This was one of my best fellowship experiences, as I not only gained valuable skills and knowledge beyond my field of work, but also had fun building friendships along the way!

4.2 Speakers



RAKESH MAHESHWARI

Independent Consultant, Former Senior Director and Group Coordinator, Cyber Laws and Data Governance, MeitY

It was a pleasure to engage with such a diverse, yet highly relevant group of young experts from fields like law, front-end technologies, and policy, all under the dedicated leadership of the inSIG team. Their enthusiasm, curiosity, and knowledge were truly impressive. Mentoring this group not only enriched their understanding but also enhanced my own knowledge and skills.



SARAYU NATARAJAN Founder, Aapti Institute

I thoroughly enjoyed speaking and interacting with the cohort at inSIG 2024. I was truly impressed by the depth of their questions and the openness and curiosity the fellows displayed. Programs like this are invaluable, both for the country and the broader ecosystem, as they help nurture a generation of critical thinkers tackling frontier issues at the intersection of technology and society.

4.3 Sponsors



DR. DEVESH TYAGI CEO, NIXI

NIXI has supported inSIG since its inception in 2016, as it aligns

with our commitment to fostering digital awareness and governance excellence in India. inSIG plays a vital role in Internet Governance community capacity building among youth by providing formal training, offering valuable networking and collaboration opportunities with regional and global experts, strengthening the Internet Governance ecosystem and preparing the leadership for future



SAMIRAN GUPTA
VP, Stakeholder Engagement
and Managing Director, Asia
Pacific, ICANN

ICANN is happy to support inSIG over the past nine years. While inSIG addresses the unmet need for youths to be exposed to Internet Governance, with every passing year the quality of the inSIG curricula has matured and sharpened to keep pace with the fast-paced India's developments in Internet ecosystem. Congratulations to the volunteers who make this happen

inSIG INITIATIVES

The two main initiatives of inSIG are:

A. Youth Internet Governance Forum India: The Youth Internet Governance Forum India (YIGF India), initiated in 2018, is a cornerstone project of the India School on Internet Governance (inSIG). Since its inception, inSIG has been pivotal in incubating and supporting YIGF India, which has grown into an independent platform aimed at fostering the active participation of young people in critical Internet Governance discussions. With inSIG's continuous backing, YIGF India has matured into an annual event that runs parallel to inSIG, engaging youth in vital conversations about the digital future, technology policies, and the role of governance in shaping the Internet landscape. A fellowship is awarded to few youth with an aim to provide focused mentorship and guidance to the best young minds who are enthusiastic and equipped with that urge to know and contribute to technology, policy and society.

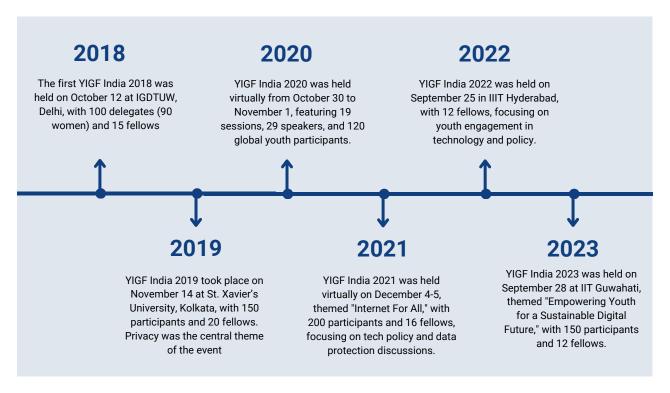
The core mission of YIGFIndia is to empower the youth by providing them with the necessary tools, knowledge, and platform to contribute meaningfully to Internet Governance policymaking. YIGF India attracts young individuals, including students, young professionals, and youth advocates, and exposes them to key issues such as data protection, cybersecurity, platform governance, AI regulation, digital inclusion, and youth engagement in shaping the future of the Internet. These topics are crucial to the digital economy and the evolving governance of the Internet, and through YIGF India, the youth are not only informed but also encouraged to take leadership roles in global and national forums.

One of the major goals of YIGF India, heavily supported by inSIG, is to prepare participants for global Internet Governance forums, ensuring that the voices of the youth are heard and represented in critical decision-making processes. YIGF India offers a mix of workshops, collaborative sessions, panels, and keynote addresses to foster engagement and allow youth to interact with leading experts and policymakers in the field. This helps bridge the gap between younger generations and established stakeholders in the Internet governance ecosystem.

For instance, YIGF India 2024 addressed key topics such as Internet Governance, the multistakeholder approach, Al-driven futures, cybersecurity, meaningful access and connectivity and Al governance recommendations and the role of youth in Internet governance. Over 150 participants attended, including 18 India YIGF fellows from across the country. inSIG's support has been critical to the success of YIGF India, ensuring its sustainability and relevance. Each year, the forum also awards fellowships to encourage broader participation, thereby fostering an inclusive and diverse cohort of young Internet Governance advocates.

Through its continued support, inSIG has not only ensured the growth and sustainability of YIGF India but has also helped create a new generation of Internet Governance leaders, ensuring that the youth's role in shaping Internet policy is increasingly prominent.

YIGF OVER THE YEARS





B. Global Forum for Cyber Expertise (GFCE) Triple-I Workshops: The Global Forum for Cyber Expertise (GFCE) Triple-I workshops have been an integral part of inSIG's agenda since 2018, and inSIG has played a pivotal role in organising and sustaining these workshops each year. The GFCE, an international platform designed to facilitate cyber capacity building through cooperation, established the Triple-I (Internet Infrastructure Initiative) workshops to promote the use of open Internet standards and best practices to enhance trust in the Internet globally. These workshops have been a key feature of Day 0 events at inSIG, with a focus on building awareness, sharing knowledge, and fostering collaboration on cybersecurity challenges.

The GFCE Triple-I workshops, supported by inSIG, aim to align local cybersecurity efforts with global standards, encouraging the adoption of best practices to secure Internet infrastructure. Each year, these workshops bring together a broad range of experts, including government officials, technical community members, and civil society representatives, to discuss critical topics such as cybersecurity norms, Internet resilience, and trust in digital ecosystems. This platform allows participants to not only gain knowledge but also exchange ideas and practical solutions to current cyber challenges.

The 2024 Edition of the GFCE Triple-I workshop, the fifth in the series, was inaugurated on 30 Sep 2024 by Shri Sushil Pal, Joint Secretary, MeitY, at the Indian Institute of Management, Bangalore. Hosted by inSIG, the event was supported by APNIC, ICANN, EasyDMARC, Hurricane Electric, Internet Society (ISOC), and the Global Cyber Alliance. The GFCE initiative is meant to facilitate awareness raising and capacity building events in different regions of the world in order to enhance justified trust in the use of Internet and/or email in those regions.

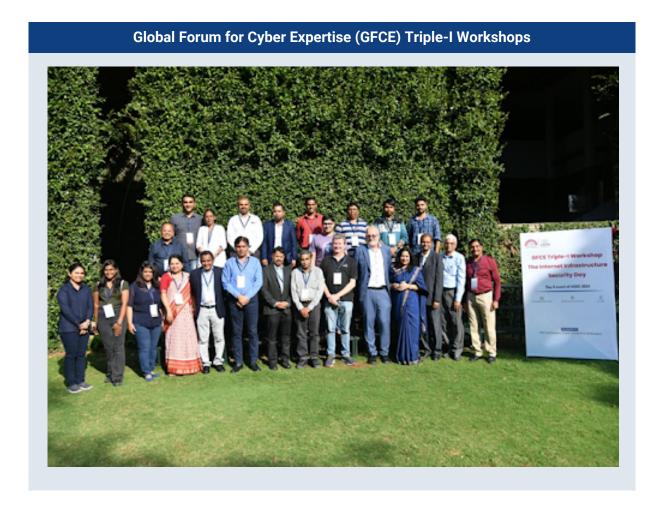
The workshop in India was attended by over 40 participants that included global & regional experts and practitioners as well as regional Internet stakeholder groups including the government, business and the technical community. The workshop discussed contemporary standards such as RPKI, DNSSEC, and DMARC, as well as the role of community-initiatives like MANRS and KINDNS, and also discussed the need for a collaborative, multi-stakeholder approach involving governments, industry, and civil society to ensure the safe and secure use of technologies such as email and the web.

Since the first workshop in 2018, inSIG has supported the GFCE Triple-I workshops in multiple locations, including Delhi (2018), Kolkata (2019), Hyderabad (2022), and Guwahati (2023). These events have played a crucial role in raising awareness about cybersecurity standards and have helped stakeholders from India and beyond understand and implement best practices for a safer and more secure Internet. inSIG's unwavering support has been critical to the success and continuity of these workshops, ensuring that they remain a staple of the inSIG program and contribute to enhancing global cyber resilience.

The GFCE Triple-I workshops facilitated by inSIG have become a key platform for driving cybersecurity discourse, building capacity, and creating a more **trusted and secure Internet**. The workshops also foster collaboration between local and global stakeholders,

making them an important mechanism for advancing Internet security and governance both in India and internationally.

Through its strong support of both the YIGF **India** and GFCE, inSIG has demonstrated its commitment to fostering youth leadership in Internet Governance and advancing cybersecurity expertise. These two initiatives represent the broader goals of inSIG: building capacity, promoting multi stakeholder collaboration, and creating a sustainable and inclusive digital future.



nSIG 2024



The ninth edition of inSIG, inSIG2024 was organized at the Indian Institute of Management -Bangalore (IIM-Bangalore) from 1 to 3 October 2024, with a Day 0 on 30 September 2024. The event was hosted by Internet Society Bengaluru Chapter.

The event brought together 23 Indian Fellows including 1 person from the disabled community, 9 international Fellows, 15 local Fellows and 15 Youth IGF India fellows who belonged to different stakeholder communities and backgrounds.

During the three days, participants were provided a high-level understanding on Internet Governance, familiarised with the I* organisations, provided an overview on how the Internet works, introduce the evolution and importance of the multistakeholder model, familiarised with the discussions related to privacy, data protection, human rights, cybersecurity, Al, discussions on the current hot topics being deliberated both at national and global forums.

inSIG 2014 in numbers



23 INDIAN FELLOWS **INCLUDING 1 PERSON FROM** THE DISABLED COMMUNITY



15 LOCAL AND 9 INTERNATIONAL FELLOWS



REPRESENTATION FROM DIFFERENT STAKEHOLDER **COMMUNITIES AND BACKGROUNDS**

The inSIG2024 program can be viewed here.

Sponsors and Supporters of inSIG2024

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6.1 Day 1

Inaugural Session

MC <u>Ihita G</u>, welcome address: <u>Rajan Srivastava</u>, ISOC Bangalore; welcome message: <u>Prof. M</u> <u>Jayadev</u>, Dean Administration, IIM-B; Remark <u>Devesh Tyagi</u> CEO NIXI; Key Remarks <u>Sushil Pal</u>, Joint Secretary, MeitY; Rapporteur: Barkha Manral

During the inaugural session, the role of Internet governance, of business models, and the rapid growth of Internet and IoT were highlighted. The challenges like data privacy, energy consumption, and sustainable development goals (SDGs) were outlined. The initiatives by NIXI's and the government such as BharatNet, Digital India, and IPv6 adoption were shared. There was a call for engaging youth and women in Internet governance, and promoting data security.

Key Takeaways:

- > The SDG goals need to be met.
- India needs to have a leadership in Internet Governance and IPv6 adoption.
- Need for more capacity building, especially for students and women in the field.
- > Importance of balancing risk mitigation with openness in Internet governance.

Evolving Nature of the Internet Governance - Global and Indian Perspectives

Moderator: <u>Satish Babu</u>; Speakers: <u>Maarten Botterman</u>, ICANN Board <u>Dr. Govind</u>, APSIG, Rapporteur: Akshit Gureja

Key discussions included the global evolution of Internet Governance(ArPaNet, TCP/IP); challenges facing the Internet: digital divide, misinformation, and cybersecurity; India's journey in Internet governance, from ERNet to Digital India and emphasis on balancing privacy, freedom of expression, and innovation.

Key Takeaways:

- > Internet Governance needs a global, multi-stakeholder approach.
- > Focus on digital literacy, cybersecurity, and green data centers in India.
- Challenges like deepfakes, misinformation, and privacy remain critical

Fireside Chat on AI and Cybersecurity

Speakers: <u>Tridip Mukherjee</u>, Chief Data Science & Al Officer, Games24x7, <u>Josey George</u>, General Manager – Secure Al & Emerging Cyber Tech at Wipro Limited, Rapporteur: Ihita Gangavarapu

The fireside chat focused on the roles of AI and cybersecurity in today's rapidly evolving technological landscape. Moderated by Anupam Agarwal, the session featured Tridip Mukherjee and Josey George, who provided deep insights into how AI and cybersecurity intersect and the challenges they face.

Tridip Mukherjee elaborated on the critical role of AI and data science, particularly in the gaming industry, where it drives innovation. He explained how AI plays a key role in linking science with business operations. The gaming sector, experiencing rapid growth due to smartphone accessibility, relies heavily on AI for both user experience and operational optimization. Tridip highlighted the experimental nature of AI model training, emphasizing the need for a robust experimentation and monitoring framework. He also touched on the human element in AI, where data must be transformed into actionable insights through careful analysis.

Josey George focused on the cybersecurity risks associated with emerging technologies, particularly AI. He noted that AI can both enhance cybersecurity and become a target for attacks. He discussed the broad spectrum of threats, from supply chain vulnerabilities (e.g., SolarWinds) to the risks posed by zero-day attacks. Josey also touched on potential threats to non-internet-connected devices through malware and audio attacks. He mentioned quantum computing and its associated risks, such as "harvest-now, decrypt-later" strategies, and the importance of securing AI through open-source solutions.

Key Takeaways:

- > Al is essential in linking science with business, particularly in gaming.
- > Al model training requires robust frameworks for experimentation and monitoring.
- New technologies, including AI, present significant cybersecurity risks.
- > Supply chain vulnerabilities and zero-day attacks pose ongoing threats.
- > Quantum computing and open-source AI security are emerging areas of focus.

DNS and Its Future

Moderator: <u>Sabarinath Pillai</u>; Speaker: <u>Champika Wijayatunga</u>, ICANN; Rapporteur: Deepika Nandagudi Srinivasa

The Domain Name System (DNS) originated in the 1980s to translate human-readable domain names into machine-readable IP addresses. It was designed to replace a centralized system and support the growth of the Internet through its hierarchical and distributed model. DNS has successfully scaled with the expansion of the Internet, including the rise of IoT.

DNS is increasingly vulnerable to security issues such as phishing and DNS hijacking. DNS Security Extensions (DNSSEC) were introduced to ensure the authenticity and integrity of DNS data using cryptographic signatures. Adoption of DNSSEC remains low, with less than 10% of second-level domains signed.

Mechanisms to address DNS abuse involve a multi-tiered approach with ICANN, registries, and registrars. Escalation paths exist for reporting abuse, but enforcement can be complex. DNS does not natively support Unicode Transformation Format (UTF), making it challenging to handle internationalized domain names.

Overall Summary

The session highlighted both the strengths and limitations of DNS, focusing on its scalability and evolving security landscape. While DNS continues to serve as a backbone for Internet connectivity, security remains a critical concern, and addressing DNS abuse and adoption of security protocols like DNSSEC are areas requiring more focus and action.

P1: Introduction to the IG Ecosystem: ICANN, RIRs, ISOC,IGF

Moderator: <u>Anupam Agarwal</u> PTI Board; Speakers: <u>Samiran Gupta</u> ICANN; <u>Pablo Hinojosa</u>, APNIC, <u>Noelle Francesca De Guzman</u> Internet Society; Rapporteur: Sameer Gahlot

Anupam Agarwal emphasised that the Internet is not controlled by a single entity but involves a collaborative effort among multiple organisations (ICANN, ISOC, RIRs, and others). Samiran Gupta highlighted the role of ICANN and traced the origins of the Internet back to ARPANET in the 1960s. He discussed the evolution of TCP/IP and the transition from IANA to PTI, signalling a more inclusive governance model. Pablo Hinojosa explained that Internet Governance covers diverse players, from Big Tech and ISPs to CDNs and regulators. He emphasised the importance of unique identifiers like protocol parameters, IP addresses, and domain names. Noelle De Guzman detailed ISOC's policy, capacity building, and educational initiatives, which include encryption advocacy, preventing Internet fragmentation, and securing global routing.

The panelists discussed privacy issues, the relevance of chapters in the governance ecosystem, and regulatory impacts such as GDPR and the Indian DPDP Act. Noelle Guzman outlined ISOC's capacity-building programs and digital resilience efforts.

Key Takeaways:

- > Internet Governance involves a layered and collaborative approach with no single entity in control.
- > The multistakeholder approach of organisations like ICANN and ISOC ensures a more robust and inclusive governance model.
- > Privacy, data protection, and capacity building are key focus areas for the future of the Internet Governance ecosystem.

Enhancing Multistakeholderism for Future Governance of the Internet

Moderator: <u>Amrita Choudhury</u>: Speakers: <u>Samiran Gupta</u>, ICANN; <u>Maarten Botterman</u>, ICANN Board; Devesh Tyagi, NIXI; <u>Noelle Francesca De Guzman</u> Internet Society; Rapporteur: Ananya Arora

All speakers highlighted the importance of involving diverse stakeholders (civil society, businesses, and technical communities) to ensure inclusive and efficient Internet governance. Samiran Gupta discussed India's evolving multistakeholder process over the last two decades. Maarten Botterman highlighted ICANN as a global model for multistakeholderism. Noelle Guzman provided examples of public-private cooperation post-terror attacks to combat online crime. Devesh Tyagi discussed NIXI's approach in coordinating with the government and ISPs to develop India's Internet infrastructure.

Inclusivity and Global South Participation: Creating safe spaces and addressing resource constraints are critical for participation from developing countries.

Consensus Building: The process needs careful design, and balancing stakeholder satisfaction is key.

Key Takeaways:

- > Multistakeholderism is crucial for effective Internet governance.
- > Efforts must focus on inclusivity, resource allocation, and continuous engagement.
- > Consensus-building is challenging but essential, requiring iterative processes and transparent design.

Cybersecurity Incident Role Play - Response and Strategy Report

A cybersecurity role-playing exercise simulated a ransomware attack, demanding 2 Bitcoins to prevent data disclosure. Four teams—IT, Management, Legal, and Communication—were involved in the response.

IT Team:

Response: Confirmed the threat and implemented security measures.

Mitigation Plan: Formed two groups (Red and Green teams) to assess and secure data, reset passwords, and contain exposure.

Post-Leak Actions: Created Impact and Audit reports detailing the breach's effects and its root causes.

Recommendations: Called for increasing cybersecurity budgets, investing in advanced security tools, and improving threat detection.

Management Team:

Response: Decided not to pay the ransom, avoiding future extortion.

Strategic Actions: Collaborated with IT to protect the company's reputation and issued statements to reassure customers in regional languages.

Long-Term Recommendations: Urged stronger IT infrastructure and enhanced cybersecurity.

Legal Team:

Pre- and Post-Breach Support: Ensured compliance with regulations and reported the breach to CERT-In.

Data Sensitivity Analysis:

Analyzed compromised data (e.g., Aadhaar) and advised protective legal actions.

Communication Team:

Internal Communication: Coordinated efforts across departments.

External Communication: Focused on transparent, legally-approved public statements, while forming a team to handle media inquiries.

Community Engagement: Ensured localized communication in regional languages.

The role play underscored the value of coordinated team efforts in managing cybersecurity incidents. The IT, Management, Legal, and Communication teams each played critical roles in response and mitigation. The exercise emphasized the need for stronger cybersecurity investments, improved infrastructure, and proactive measures to ensure future resilience

6.2 Day 2

Addressing the Digital divide: Access, Inclusion, building Security & Trust

Moderator: Patrick Peisker, Mitel; Panelists: Dr. Nirmita Narsimhan, Saksham; Shivangi Narayan, IT For Change; Amitabh Singhal, Telxess Consulting Services; Rapporteur: Priyamvada Singh

The discussion touched upon key challenges in achieving digital inclusion focusing particularly on network connectivity, accessibility for disabled users, lack of content in local languages, and social norms limiting women's access. The panelists also discussed data privacy and security concerns, particularly in data collection, online surveillance, and the importance of consent in data usage.

Key Takeaways:

- Telecom policies have improved internet access, but connectivity, affordability, and digital literacy remain key challenges.
- Accessibility to be improved for disabled users, and more content should be available in regional languages.
- Social norms, particularly regarding women's access to technology, must be addressed to ensure equitable digital inclusion.
- Data privacy and security concerns, transparency, and accountability in data protection require more robust legal frameworks to protect users' rights.

Digital Economy- Regulatory Challenges and Opportunities Moderator

Prof. Manaswini Bhalla, IIM-B; Panelists: Kriti Trehan, Data & Co - Law & Policy Advisors. Dr. Sarayu Natarajan, Aapti, Rakesh Maheshwari, Independent Consultant, Former Sr. Director and Gr Coordinator, Cyber Laws and Data Governance, MeitY; Rapporteur: Vriti Vankani

The speakers stressed the importance of balanced regulation, robust infrastructure, and inclusive policies to support India's expanding digital landscape. The panel highlighted that cybersecurity is crucial for small influencers, emphasizing the need for digital literacy and robust security measures to protect against hacking. On deepfakes, the discussion focused on the importance of media literacy and platform-driven solutions to mitigate risks. Addressing the digital divide, the panel stressed that inclusive regulation is necessary to safeguard vulnerable populations. It must consider multiple perspectives, such as innovation, stakeholder interests, and geopolitical developments.

Key Takeaways:

- > Balanced Regulation: Laws must balance innovation, privacy, and security, with strong cybersecurity frameworks in place.
- Inclusivity: Regulations should prioritize vulnerable populations to bridge the digital divide and ensure equitable growth.
- Youth and Public Engagement: Active participation from youth and public feedback are essential to shape the future of the digital economy.

Key Regulatory Issues Being Discussed in India

Moderator: Dr. Govind; Panelists: Kriti Trehan, Data & Co - Law & Policy Advisors; Rakesh Maheshwari, Independent Consultant, Former Sr. Director, Cyber Laws and Data Governance, MeitY; Vivan Sharan, Koan Advisory; Rapporteurs: Rupam Barui, Kushagra Singh

The session focused on key regulatory issues in India, primarily related to digital laws and governance. Vivan Sharan mentioned the challenges of implementing regulations on smaller platforms and whether India should introduce specific laws for different platform sizes. He also touched on the broader political economy, noting that policy decisions are affected by domestic market interests and the global digital landscape. The discussion concluded with insights into India's evolving regulatory framework, emphasizing the need for a balanced approach to protect both consumers and foster innovation.

Key Issues Discussed:

- Digital India Act and amendments to simplify digital regulations.
- Data Protection laws: inclusion of GDPR principles, cross-border data transfer restrictions, and Al's involvement.
- Online Gaming Regulation: differentiation between skill-based gaming and gambling.
- Al Regulation: privacy concerns, accuracy of Al outputs, and liability issues.
- Sectoral Laws: how state and central laws interplay in sectors like telecom and broadcasting.

Key Takeaways:

- > India is moving towards comprehensive digital legislation, balancing privacy, AI, and online gaming.
- > Cross-border data transfer remains a complex issue, with a shift from restricted to open frameworks.

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- > The Digital Personal Data Protection Bill (DPDP) is crucial, focusing on informed consent and data breach notifications.
- Regulations on AI must include liability clauses, transparency of AI models, and protections for labor and privacy.
- The distinction between gambling and gaming is vital for future regulatory developments.

Governance of AI & Emerging Tech

Moderator: Jameela Sahiba, Core Al; Panelists: Rakesh Maheshwari, Consultant, Fr Sr. Director and Gr Coordinator, Data Governance, MeitY; Monami Dasgupta, D91 Labs (Setu); Tanveer Hasan, Centre for Internet and Society; Sundar Narayanan, Al and Tech Ethics; Rapporteur: Priyamvada Singh

The session focused on the challenges surrounding AI regulations, digital inclusion, and the ethical implications of AI usage in India. The discussion's central theme was the importance of creating a system that ensures transparency and fairness while being agile and responsive. The panelists also mentioned that the ethical concerns, including fairness, transparency, and human oversight must be balanced with security, privacy, and safety concerns. The potential for AI systems to perpetuate biases, particularly concerning marginalized groups such as the third gender and people with disabilities, was a prominent concern in the discussion.

Key Takeaways:

- Need for Comprehensive Al Laws: India's regulatory methods often suffer from the application of contextual complexity, operating on principles rather than clear rules. The reliance on self-regulation highlights the urgent need for formal Al regulatory frameworks. Rakesh Maheshwari emphasized the need for a comprehensive cyber laws tribunal that can address emerging issues promptly and independently.
- Balancing Ethics with Security: Al regulation should not only focus on fairness and transparency but also on ensuring security, safety, and privacy.
- Addressing Bias in Al: Al systems must be designed to avoid perpetuating biases, particularly concerning marginalized groups.

6.3 Day 3

Internet Standards and RFCs: Processes and the Present Status

Moderator: Mini Ulanat; Dhruv Dhody, IAB Board; Rapporteurs: Rupam Barui, Kushagra Singh

The session centered around the processes involved in the Internet Engineering Task Force (IETF), with a focus on RFCs (Request for Comments) and their significance in the development and implementation of Internet standards. Dhruv Dhody, an IAB Board member, explained the open nature of the IETF and its inclusive participation model. The panel highlighted the underrepresentation of the Global South in the IETF's work. Increasing participation from these regions is critical for ensuring more diverse perspectives.

Key Takeaways:

- Open Participation: IETF is an open organization where most contributors volunteer their time. People can engage through attending meetings, submitting RFCs, or commenting on existing RFCs.
- > Global South Inclusion: Efforts are underway to increase participation from underrepresented regions through remote participation waivers and awareness programs.
- > RFC Process: Submitting an RFC does not guarantee its publication or implementation. However, published RFCs are protected, and improvements are tracked through additional RFCs.
- Protection of Intellectual Property: The IETF's process ensures that contributors' intellectual property is safeguarded during the RFC submission and review process.

India's Cybersecurity Requirements

Moderator: <u>Anupam Agarwal</u>, Panelists: <u>K.Venkatesh Murthy</u>, Senior Director, DSCI; <u>Nehaa Chaudhari</u>, Ikigai Law, <u>Karthik Bapannad</u>, Independent Consultant

The session centered around the present cyber security landscape in India, the existing challenges and the cybersecurity requirements to address these challenges from a national and sectoral perspective.

Contd.>>

- > Self Regulation and adoption of standards will ensure that there are reasonable security practices being followed.
- Sector based monitoring and enforcement is a better way for increased adoption of cybersecurity practices.

Glimpses from inSIG 2024





Glimpses from inSIG 2024











Annexure inSIG2024 Fellows

Indian Fellows

- 1 Tithi Neogi, Centre for Communication Governance, National Law University Delhi
- 2 Aashish Aryan, The Economic Times
- 3 Ananya Arora, King's College London
- 4 Anita Walker, SmartWebby.com
- 5 Varda Mone, VIT-AP University
- 6 Adri Jovin John Joseph, Sri Ramakrishna Institute of Technology
- 7 Anahida Bhardwaj, Jindal School of Government and Public Policy
- 8 Arvind Shroff, Indian Institute of Management Lucknow
- 9 Sachchidanand Upadhyay, National Knowledge Network
- 10 Aditya Joshi, Office of S Niranjan Reddy, Member of Parliament Rajya Sabha
- 11 Prakash Gupta, OMI Foundation
- 12 Parnita Agal Gupta, Internet Governance Division, Ministry of Electronics and Information Technology
- 13 Priyamvada Singh, Patna High Court
- 14 Rupam Barui, National Forensic Sciences University
- 15 Saurabh Gandle, SG ANALYTICS
- 16 Vriti Vankani, Informed India
- 17 Shubham Khandelwal, Mantra Ventures
- 18 Shrestha Srivastava, Symbiosis International University
- 19 Sulabh Agarwal, Cisco Systems India Pvt Ltd
- 20 Swarna Singh, National Human Rights Commission
- 21 Yashasvani Vashisht, Deloitte
- 22 Heramb Podar, IIT Roorkee

Specially Abled Fellow for inSIG 2024

23 Mahesh Amrutrao Shelke, Department of Extension and Communication, The Maharaja Sayajirao University of Baroda

Local Chapter Fellows

- 1 Deepa Prabhakar Maishale, Karnataka Government
- 2 Ajith Kumar Vyasarao, NetApp India Pvt Ltd
- 3 Umair Uzzaman Khan, Commonwealth Bank of Australia
- 4 Priti Kumari, Akamai Technologies
- 5 Sivakumar Dhakshinamoorthy, Lenovo Global Technology Pvt Ltd
- 6 Thejaswini SM, CMS Business School (Jain University)
- 7 Krupa Y, Bangalore Institute of Technology
- 8 Deepika Nandagudi Srinivasa, Data Security Council of India
- 9 Situ Behera, FXB International
- 10 Dr. Murthy DHR, RL Jalappa Institute of Technology
- 11 Swathi Arunaa Thiruvannadhapuram Shankaran, IDC
- 12 Bharath Govindasamy, RingCentral
- 13 Abirlal Mukherjee, GITAM Deemed to be University
- 14 Dr. Chethan GS, JNNCE Shimoga
- 15 Dr. Nirmala SO, BIET Davangere

International Fellows

- 1 Mohamed Mansoor Zaheer Hussain, The Open University of Sri Lanka, Sri Lanka
- 2 Aishwarya KC, Fonepay Payment Service Limited, Nepal
- 3 Muhammad Haikal Mansor, Ministry of Justice, United Kingdom, Malaysia
- 4 Avishek Rijal, SecurityPal, Nepal
- 5 Januka Madushan Dharmapriya, Bug Zero (Pvt) Ltd, Sri Lanka
- 6 Shankar Kumar Mondol, Ideal School and College, Motijheel, Dhaka, Bangladesh
- 7 Sheila Kakooza, Kyambogo University, Uganda
- 8 Maitri Ratna Bajarcharya, F1soft Nepal, Nepal
- 9 Fred Bbosa, Uganda National Drug Authority, Uganda

Youth IGF India Fellows

- 1 Atribh Deka, Jamia Milia Islamia University
- 2 Garima Panigrahi, Office of Member of Parliament (Rajya Sabha)
- 3 Kunal Thakur, Azim Premji University
- 4 Kushagra Singh, National Forensic Sciences University
- 5 Mahi Chandana Kuruba, NLSIU
- 6 Maitri Singh, Digital Empowerment Foundation
- 7 Manas Joshi, EY Government & Public Sector
- 8 Rupam Barui, National Forensic Sciences University
- 9 Surya V S, Ramjas College, University of Delhi
- 10 Tarun Kaushik, National Institute of Criminology & Forensic Science
- 11 Vidushi Shankar, University of Delhi
- 12 Aiswarya A S, Presidency University
- 13 Ananya AB, Presidency University
- 14 Ishika Bhardwaj, Accenture Strategy
- 15 Mohan CV, Presidency University
- 16 Sagar S, Google
- 17 Suresh Gehlot, National Law School of India University
- 18 Vansh Gehlot, Thapar Institute Of Technology

Annexure inSIG 2024 Committees

Steering Committee

- 1 Adarsh BU, ISOC Bengaluru
- 2 Amrita Choudhury, ISOC Delhi
- 3 Anand Raje, ISOC Kolkata
- 4 Anupam Agarwal
- 5 Dr Govind, ISOC Delhi
- 6 Dr Mini Ulanat, ISOC Trivandrum
- 7 Patrick Peisker, ISOC Bengaluru
- 8 Rajan Srivastava, ISOC Bengaluru
- 9 Dr Sudha Bhuvaneshwari, ISOC Chennai
- 10 Jay Paudyal, ISOC Delhi
- 11 K Mohan Raidu, ISOC Hyderabad
- 12 Nandita Koshal, ISOC Mumbai
- 13 Pradeep Kumar Verma, MeitY, Govt. of India
- 14 Sabarinath Pillai, ISOC Trivandrum
- 15 Satish Babu, ALAC, ICANN
- 16 Srinivas Chendi, APNIC, Brisbane

Organizing Committee

- 1 Adarsh BU
- 2 Amrita Choudhury
- 3 Anupam Agrawal
- 4 Dr Govind
- 5 Dr Mini Ulanat
- 6 Jay Paudyal
- 7 K Mohan Raidu
- 8 Nandita Koshal
- 9 Rajan Srivastava
- 10 Sabarinath G Pillai
- 11 Satish Babu
- 12 Sibtain Zaheer

Fellowship Committee

- 1 Dr. Mini Ulanat Chair
- 2 Mr. Adarsh B U
- 3 Mr. Arjun Ramesh
- 4 Dr. Gnanajeyaraman Rajaram
- 5 Mr. Jay Paudyal
- 6 Prof. Kapil Goyal
- 7 Prof. Nandan S
- 8 Ms. Nandita Koshal
- 9 Ms. Nupur Vijh
- 10 Prof. Priyatosh Jana
- 11 Mr. Rajan Srivastava
- 12 Dr. Ramalingam

Fellowship Committee (Contd.)

- 13 Mr. Sibtain Zaheer
- 14 Ms. Shrutee Bepari
- 15 Prof. Salman Abdul Moiz
- 16 Prof. Tilottama Goswami

inSIG Code of Conduct Compliance Team (inSIG-CCCT) 2024

- 1 Amrita Choudhury
- 2 Anupam Agrawal

Website Coordinators (inSIG 2024)

- 1 Aashish Pahwa
- 2 Hitesh Wadhwa
- 3 Mayank Kumar
- 4 Shubham Khandelwal

Glimpses of Past inSIG Editions

A. First inSIG Edition: inSIG2016, Hyderabad

The First India School on Internet Governance (inSIG 2016) was held in Hyderabad, India between 31 October - 2 November, 2016. Organized, by ISOC Delhi and Trivandrum Chapters, inSIG 2016 was supported by the National Internet Exchange of India (NIXI,) Ministry of Communication and IT (MeitY), ICANN, Internet Society; International Institute of Information Technology, Hyderabad (IIIT-H); APNIC; and the Asia-Pacific School of Internet Governance (APSIG).

Apart from Indian participants, there were 16 International participants hailing from 8 countries.

For more details on the school refer the following blog:

https://blog.apnic.net/2016/11/21/insig-2016-initiative-engage-community-internet-go vernance-discussions/ or the website www.insig.in



B. Second inSIG Edition: inSIG2017, Trivandrum

The second edition of inSIG 2017 was organized from 24-26 October 2017 at Technopark, Trivandrum by Internet Society - Delhi, Kolkata and Trivandrum Chapters, with the support of ICANN; Internet Society; APASA; APSIG; NIXI; Ministry of Electronics and IT, Government of India; Dept of IT Government of Kerala; Technopark; IEEE Kerala Section and IEEE Kerala Section Computer Society.

The school was attended by 63 Fellows from 5 countries and 12 participants from the Government of Kerala. There were 15 Speakers from 6 countries, which included two ICANN Board members, an IGF MAG Member, a member of the ISOC Board of Trustees, 3 of the 5 RALO Chairs from ICANN AtLarge, and other experts. Role plays and Lightning talks on current issues were introduced this year for participants to relate to the topics and issues being discussed more readily.

Additionally, a half day event for the technical community on 23 Oct 2017 at Technopark on the Internet Engineering Task Force (IETF) and ways to engage.



C. Third inSIG Edition: inSIG2018, Delhi

The third edition of the India School on Internet Governance was organised in New Delhi, India between 13-15 October. In addition, two Day 0 events—the first India Youth IGF and the GFCE Triple-I Workshop—were also organized on 12 Oct 2018. This event was organised jointly by Internet Society Chapters at Delhi, Kolkata, Mumbai and Trivandrum.

The third edition of inSIG brought together 92 participants, including 52 Fellows from 6 countries of which 22 were women, 33 Speakers from 6 countries, including, an ICANN Board member, a member of the ISOC Board of Trustees, the CTO of ISOC CTO, representatives of ISOC, APNIC and ICANN and experts from the country.

A detailed, session-by-session report of inSIG2018, together with feedback received at the end of the session, is available as a work-in-progress document available at http://bit.ly/insig-report and pictures at https://bit.ly/insig2018pics



D. Fourth inSIG Edition: inSIG2019, Kolkata

The fourth edition of inSIG was held from 15-17 November, in Kolkata, India, with two Day 0 events (the Second Youth IGF India and GFCE Triple-I Workshop). The event was organised through a partnership of four ISOC chapters: New Delhi, Kolkata, Mumbai, and Trivandrum.

50 Fellows from various academic, cultural, regional backgrounds participated in inSIG2019. Through panel discussions, workshops, role-plays and group activities the three-day school covered a myriad of topics related to the Internet. The sessions covered fundamental topics like the history, principles, and status of the Internet. The hurdles around online safety, human rights, online radicalization, and cybersecurity were extensively examined and many perspectives were brought out which were thought-provoking and ingenious. Status and challenges of Emerging technologies, content regulation, and multilingual Internet were also discussed widely and valuable feedback and inputs were provided by the delegates. The report on the discussions can be viewed using this link.

The event was supported and sponsored by NIXI, Facebook, APNIC, ICANN, Internet Society, Neustar, APASA and MediaNama.



E. Fifth inSIG Edition: inSIG2021, Mumbai Virtual

The Fifth School on Internet Governance 2020 (inSIG) was conducted virtually between 7-10 Oct 2020. It was organised by four Internet Society Chapters of India: Delhi, Kolkata, Mumbai and Trivandrum. inSIG2020 was hosted by the Mumbai Chapter. The event was supported by NIXI, APNIC, ICANN, Internet Society and Facebook. 106 people participated in the school from 17 countries this year, which includes 27 Indian fellows, 10 local fellows and 15 international fellows.

There were twelve sessions including a virtual tour of Mumbai city. The topics discussed include: current state and future perspectives of IG; history of IG In India and APAC, introduction to core Internet Technologies; emerging Internet Technologies, trends and security; gender and diversity; Internet for better health and well-being; governance of online content; universal acceptance; community networks; data governance; engaging with the IETF; Internet Standards; child protection and updates on virtual SIGs and capacity building. The session wise report can be viewed using this link. The session wise report can be viewed using this link.

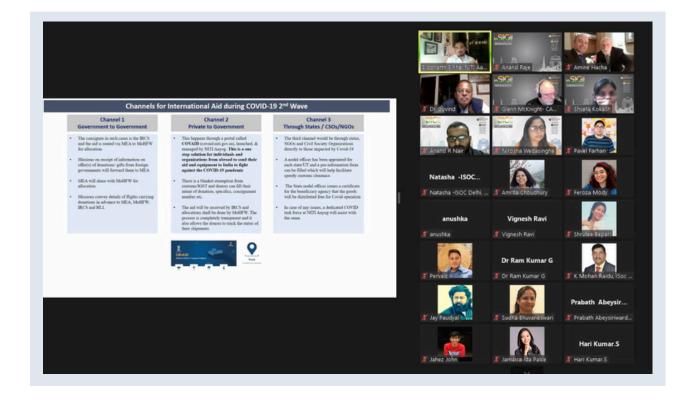


F. Sixth inSIG Edition: inSIG2021, Chennai Virtual

The sixth edition of India School on Internet Governance (inSIG2021) was held online from 19-21 November, and hosted by Internet Society Chennai. The meet and greet session was on 14 November.

inSIG 2021 was supported by MeitY, NIXI, ICANN, APNIC, Internet Society, Facebook, etc. One of the key objectives of inSIG is to build capacity on Internet Governance among community members in India and handhold them for engagement in global Internet Governance processes.

16 Indian fellows, 9 international fellows, 8 fellows from the host chapter and 1 ISOC Chapter fellow participated in the school. This year the program consisted of discussion on the perspectives on the Current and Future of IG, IG in APAC and India, introduction to core Internet technologies; emerging technologies: trends and security; privacy and data protection, competition issues in digital economy; digital legislations in India; Indian participation in IETF; gender and diversity on the Internet and the role of technology during the pandemic and recovery IG journey in India, The speakers for the sessions were both from India and overseas.



G. Seventh inSIG Edition: inSIG2022, Hyderabad

The Seventh Edition of India School on Internet Governance (inSIG2022) was organised at IIIT Hyderabad between 26-28 September. 65 fellows (including fellows from the Government of Telangana, across India and International fellows from 4 countries) attended the school. This year, a new fellowship category for people with disability was launched.

Maarten Botterman, ICANN Board and Jayesh Ranjan Principal Secretary, IT, Govt of Telangana, inaugurated the school. The other speakers this year were, Champika Wijayatunga, Srinivas Chendi, APNIC; Osama Manzar, DEF; Rakesh Paladugula, Adobe; Dr Salman Abdul Moiz, University of Hyd; Dr. N. Rukma Rekha, Uohyd University of Hyderabad; Aishwarya Giridhar, CCG-NLUD; Dr KVK Santhy, NALSAR; Manoj Gupta, Capgemini; Rajesh Dhuddu Tech Mahindra; Aadya Misra, Spice Route Legal; U Ram Mohan SP, Cyber Crimes, Telangana; Dr Sriram Birudavolu DSCI; Shanta Thoutam, Ph.D. Telangana State Innovation Cell; Sanket Waghmare, Recykal.com; Aman Taneja, Ikigai Law; Dr P J Narayanan, IIIT-Hyd; and Subham Saran, NIXI.

The sponsors of inSIG2022 were: NIXI, Meta, IIIT Hyderabad, Govt. of Telangana, ICANN, APNIC, CCAOI and IIFON.



Day 0 events:

Workshop on Multilingual Internet

APRALO, inSIG FICCI ILIA, and India Local UA Chapter on #UniversalAcceptance organized a workshop on Foundational Pillar for India's Multilingual Internet on 25th September 2022 at IIIT Hyderabad.





GFCE Triple-I Day Workshop

The GFCE Triple-I Day Workshop was organized for the third time in India. The workshop was initiated by the Global Forum for Cyber Expertise (GFCE), and is supported by APNIC, ICANN, Internet Society (ISOC) and its Indian chapters, as well as the Indian Ministry of Electronics and Information Technology (MeitY). The workshop was meant to facilitate awareness-raising and capacity building events in different regions of the world in order to enhance justified trust in the use of Internet and/or email in those regions, with specific priorities to be determined by stakeholders in the region.



H. Eighth inSIG Edition: inSIG2023, Guwahati

The eighth edition of the India School on Internet Governance (inSIG2023) was held from 29 September to 1 October at Indian Institute of Technology Guwahati (IIT-Ghy). The event was co-hosted with IIT Guwahati. Over 54 fellows (including fellows from northeast India, youth and overseas) participated in the three day event. The event was sponsored by NIXI, Meta, APNIC, ICANN, and SSNet.

The topics discussed this year include: History and Evolution of the Internet: Global and Indian Perspectives; The IG Ecosystem; Internet Core Technologies; Enhancing Multistakeholderism for Future Governance of the Internet; Issues in IG: Access, Digital Divide, Security, Trust; Unpackaging Digital Personal Data Protection Act 2023 & its impact; Platform Governance (Intermediary issues, Content Moderation, Antitrust); Digital India Act: The components needed; Governance of Al & Emerging Tech; Digital Economy-Challenges and Opportunities; Internet Standards and RFCs: Processes and the Present Status; India's Cybersecurity Requirements. There were role plays and flash talks to engage the participants.

The speakers at the school were: Maarten Botterman, ICANN Board; Sushil Pal J. S (IG) MeitY; Prof Dr. Gautam Barua, IIT Guwahati, Dr. Govind; Amitabh Singhal, Anja Gengo, IGF Secretariat; Jia Rong Low ICANN; Sarah Lake, Internet Society; Pablo Hinojosa, APNIC; Anand Raje, ISOC Kolkata; T. Santhosh, MeitY; Dr. Syed Kazi, Council for Social & Digital Development (CSDD); Prashanth Sugathan SFLC; Rakesh Maheshwari, Former Sr. Director & Group Coordinator (Cyber Law and Data Governance), MeitY; Nehaa Chaudhari, Ikigai Law; Ashutosh Chaddha Microsoft; Guilherme Canela, Chief of Section of Freedom of Expression and Safety of Journalist, UNESCO; Anupam Sanghi, Anupam Sanghi & Associates; Shahana Chaterjee SAM, Nikhil Pahwa, MediaNama, Uthara Ganesh Snap; Pratik Sibal, UNESCO; Urvashi Aneja, Digital Future Lab; Venkatesh Krishnamoorthy, BSA; Dr. Vishwanath Pingali (IIM A); Ashwani Rana Zupee; Mansi Kedia, ICRIER; Narendra Nath, NCSC; Sriram Birudavplu, DSCI; Dr. Aparajita Bhatt, NLU-Delhi.



Day 0 events:

Sixth Edition of Youth India IGF (YIGF)

The sixth Annual Forum of the Youth Internet Governance Forum India (YIGF) was held on 28 September, at the Indian Institute of Technology (IIT) Guwahati campus in hybrid mode. The central theme for this year's forum was "Empowering Youth for a Sustainable Digital Future."

Over 150 youth including 12 from the YIGF India Fellowship program 2023 participated in the program. It featured various session formats, including workshops, collaborative sessions, panels, and keynote addresses on issues related to digital inclusion, cybersecurity, Al regulation, data governance, and the role of youth in shaping internet governance.



GFCE Triple-I Day Workshop

The Global Forum for Cyber Expertise (GFCE) Triple-I Workshop was <u>organized on 28 September</u> at IIT Guwahati as a day 0 event of inSIG2023. The discussions <u>were focused on three topics</u>: Better Use of Today's Open Internet Standards; Inspiration from Good Practice Actions; and Planning for a More Trusted Internet: Marketplace for Action.

The GFCE Triple-I initiative is meant to facilitate awareness-raising and capacity-building events in different regions of the world to enhance justified trust in the use of the Internet and/or email in those regions.







Over the last seven years over 408 people have attended inSIG as fellows. The breakup being 165 were Indian participants, 72 from overseas and 35 from government, 77 local fellows, 46 fellows from Chapters, 2 fellows from the Persons with Disability community and 11 Alumni.

International fellows participated from over 20 countries.

The year wise complete participant list can be viewed from the following link:

inSIG2016	inSIG2017	inSIG2018	inSIG2019	inSIG2020
inSIG2021	inSIG2022	inSIG2023	inSIG2024	

Some of the inSIG Alumni and their present affiliations have been listed here:

Name	Year	Current Organisation	Designation
Abhishek Jain	2016	Digitofy Global Private Limited	CEO
Adarsh BU	2016	Happiest Minds Technologies	Solution Consultant
Anand Krishnan	2016	British High Commission	India Cyber Programme Advisor
Babu Ram Aryal	2016	Delta Law/ Nepal Internet Foundation	Founder
Dr Gnanajeyaraman Rajaram	2016	Saveetha University, Saveetha school of Engineering	Professor
Dr S Umamaheswari	2016	Dr G R Damodaran College of Science	Associate Professor
Dr. Anurag Vijay Agrawal	2016	Bhagwant Group of Institutions, Muzaffarnagar (U.P.) - 251315.	Director
Harish Chowdhary	2016	Rashtriya Raksha University	IT Manager
Japleen Pasricha	2016	Feminism in India (FII)	Founder & Editor-in-chief
Mohibullah Utmankhil	2016	Afghanistan Network Operators Group	Coordinator
Neena Pandey	2016	Indian Institute of Management Visakhapatnam	Assistant Professor
Parthiv Hejmadi	2016	Netskope	Director, Engineering
Rajeewa Abeygunarathna	2016	SANOG	Fellowship Chair
Shahul Hameed	2016	Peers	Chief Technology Officer
Swati Abhijit Shinde	2016	CommonHealth	Coordinator

A Khalil Khan Aziz	2017	National IT Professionals Association of Afghanistan (NITPAA)	Board member
Ameya Paratkar	2017	6sense TEDxPune	Product Manager Founder
Amutha Arunachalam	2017	Ministry Of Home Affairs GOI	Deputy Director
B.Narayanaswamy	2017	Vinayak Impex Agencies	Proprietor
Gulshan Banas	2017	University of Amsterdam	PhD Candidate in Political Science
Dr AM Sudhakara	2017	Pas3cberlabs LLP	Director
Dr Rajesh R	2017	CHRIST (Deemed to be University)	Associate Professor
Dr. Rejikumar. R	2017	Department of Homoeopathy, Government of Kerala, India	State Nodal Officer (Quality Assurance) & Medical Officer
Dr.N.Sudha Bhuvaneswari	2017	Dr.G.R Damodaran College of Science	Associate Professor
Gaurav Nagpal	2017	Indian Institute of Mass Communication, Ministry of Information and Broadcasting, Govt. Of India	Associate Academics, Coordinator & Consultant
Gokul Balu	2017	Quest Alliance	Senior Officer
Ihita Gangavarapu	2017	IIIT Hyderabad	Student
Iqbal Ahmed	2017	LAFL	Vice President
Dr. Ishteyaaq Ahmad	2017	University of Petroleum & Energy Studies, Dehradun, India	Assistant Professor - Selection Grade (Computer Science)
Dr. Mini Ulanat	2017	CUSAT	Manager Systems
N.Pravina	2017	KriVin International Play School & Academy	Director
Narayanaswamy.B	2017	Vinayak Impex Agencies	Proprietor
Nithin R S	2017	Department of Tourism Government of kerala	Administrative Professional & E-Governance Nodal officer
Nuthalapati Sai	2017	Cisco	Manager
Pradeep Gupta	2017	BrandTantra	Consultant
Samita Sarkar	2017	BSNL	Dy General Manager
Shivalal Parmar	2017	Neoage Infotech Solutions Pvt Ltd	Senior Technical Consultant
Ziyam Abdeen	2017	WinSYS Networks	Chairman
Sanoon Mohideen	2017	FrameOut/digizen	Executive Director/Lead Trainer
Astik Sinha	2018	Parliamentarian Anurag Thakur	Addl PS to Anurag Thakur
Bibek Silwal	2018	NIPS Consult Pvt. Ltd.	Director
Domnic Karunesudas	2018	Technitics Consulting Pvt Ltd	Founder & Chief Technology Officer
Dr G Radhamani	2018	Dr G R Damodaran College of Science	Director - Computer Science

Dr. Siva Rama Krishna T.	2018	Jawaharlal Nehru Technological University Kakinada	Asst. Professor
Halima Hussein	2018	Office of the Auditor General - Kenya	Senior Auditor - Financial Audit
Kaarika Das	2018	National Institute of Education Planning and Administration	PhD candidate in Economics of Education
Kapil Goyal	2018	DAV College Amritsar Punjab	Associate Professor
Mili Semlani	2018	e27	Head of Community and Content
Nandita Koshal	2018	Aviva Canada	Project Manager- Transformation
Pankaj Vijayvargiya	2018	Bitlevel International	Founder
Dr Preeti Raghunath	2018	University of Sheffield	Lecturer
Priyatosh Jana	2018	Haldia Institute of Technology	Assistant Professor
Jay Paudyal	2018	Urban Skill	Founder
Sahil Chugh	2018	WebScoot.io	CEO
Saquib Akhtar	2018	Nokia	Linux IDM T3 specialist (Linux SME)
Sarjana Jahan Chowdhury	2018	Western Sydney University	Master's Student
Sheikh Raashid Javid	2018	Netcom Learning pvt ltd	Corporate trainer cyber security
Shveta Kokash	2018	Dr.Antonio da Silva Technical Junior College of Science , Mumbai	Vice Principal
Yogeshwaran kaliyaperumal	2018	Codespace Solutions	Founder CEO
Dr. Ajay D M	2019	HCL Technologies	Senior Research Engineer
Ananda Gautam	2019	youth IGF Nepal	Coordinator
Arun Mahendru	2019	Haryana Parivar Pehchan Authority	Security Analyst
Deepak Kumar Baruah	2019	Model United Nations School	President
Harinder Pal Singh Kalra	2019	Punjabi University, Patiala	Professor
Kshitiz Saxena	2019	SRM Institute of Science and Technology NCR CAMPUS	Associate Professor
Kumar Vikram	2019	CyberPeace Foundation	Manager - Projects & Designs
Mohammad Pervaiz Ansari	2019	Dr. Antonio Da Silva Technical High School & Junior College	Lecturer
Mugdha Mujumdar	2019	Symbiosis university	Phd scholar
Prof. Dr. Siddhartha Ghosh	2019	JT Aviation College	Chair Professor & Principal
Raashi Saxena	2019	Parabl tech	Public Interest Technologist & Co-founder
Sagnik Chakraborty	2019	TIAA	Project Manager
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Shradha Pandey	2019	Lakshmikumaran and Sridharan attorneys	Attorney
Dr. Sarika Choudhary	2019	Baba Mastnath University Rohtak, Haryana	Assistant Professor
Tanzeel Rafiq Khan	2019	Mahindra Comviva	Lead Software Engineer
Vishnupriya Ganesh	2019	Russian Centre of Science and Culture	Student
Anuj Jain	2019	S&P Global	Privacy Integration Specialist
Aditya Kumar Shukla	2020	Amity University Madhya Pradesh Gwalior	Associate Professor and Head
Dr Rakesh Mohan Bhatt	2020	Institute of Technology and Management (Affil- HNB Garhwal University)	Advisor
Dr Vimal Baghel	2020	Bennett University (The Times of India Group) Gr Noida	Assistant Professor
Dr. Shivaleela Arlimatti	2020	Dr. D Y Patil college of engineering Kolhapur	HoD associate professor
Dr.S.Balakrishnan	2020	Aarupadai Veedu Institute of Technology (AVIT)Vinayaka Mission's Research Foundation(Deemed to be University), Chennai	Professor and Head
Maitreyee Manglurkar	2020	European Business and Technology Centre	Asst Manager Communications
Nupur Vijh	2020	Ministry of social development and poverty reduction	Client service worker
Ravinder Beniwal	2020	HMR Institute of Technology and Management, New Delhi	Assistant Professor
Dr. Ricky R Jha	2020	Privacy Virtuoso Global	CEO
Anand R Nair	2021	Amrita Vishwa Vidyapeetham	Assistant Professor
Anushka Jain	2021	The Ken	Staff Writer
Aroon Deep	2021	The Hindu	Principal Correspondent
Arun Kanti Howlader	2021	University of Oxford	Fellow
Ben Mohamed Said Abdou	2021	ISOC Comoros	General Secretary
Brinda Dash	2021	Haqdarshak Empowerment Solutions Pvt. Ltd.	Senior Associate
Dr Nirosha Wedasinghe	2021	General Sir John Kotelawala Defence University	Senior lecturer Cum Director Center for Gender Equity and Equality
Dr Ram Kumar G	2021	Nissan Motor Corporation	Cyber Security and Risk Leader
Dr Rubaid Ashfaq	2021	Amity University Noida	Associate Professor & Program Leader
Dr. Prakash G	2021	Vellore Institute of Technology, Vellore	Associate Professor
Feroza Rastom Mody	2021	Centre for Justice, Law & Society, Jindal Global Law School	Research Associate & Lawyer

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Nikhil Gehlot	2022	Ideaforage Innovations Private Limited	Founder & Director
TVIKTIII GETIIOC	2022	Bangladesh School of Internet	Tourider & Director
Nazmul Hasan Majumder	2022	Governance	
Priyanshi Dixit	2022	NASSCOM	Policy Associate
Rahul Srivastava	2022	Reliance Jio	General Manager
Rajbir Kaur	2022	ISOC (Moved to Canada)	Supply chain replenishment Analyst
S Yashwanth Kumar	2022	Telangana Government	Project Engineer
Sai Prashanth Mallellu	2022	Vardhaman College of Engineering	Research Fellow
Sayda Kamrun Jahan Ripa	2022	Chairperson Assistant Manager	Youth IGF Bangladesh Summit Communications Ltd.
Seema Rampure	2022	Shankara India	Senior Marketing Manager
Srikanth Y	2022	ITE&C Department, Govt of Telangana	Project Engineer
Tarun Kaushik	2022	NICFS, Central Police Organization, MHA, New Delhi	Cybersecurity Researcher
Vinay Aseri	2022	Rashtriya Raksha University, Ministry of Home affairs government of India, Gandhinagar Gujarat	Research Assistant
Alexander Lewis Passah	2023	North Eastern Hill University	Research Scholar
Aneesh V Pillai	2023	Cochin University of Science and Technology	Asstant Professor
Aniket Shahi	2023	National Forensic Sciences University, Ministry Of Home Affairs, New Delhi	Student
Archit Lohani	2023	National Health Authority	Consultant
Avijeet Singh Mandloi	2023	Harness.io	Staff Software Engineer
Dr. Deepthi Shanker	2023	Central University of Odisha	Associate Professor
Dr. Monojit Das	2023	IADN	Executive Editor
Hameeda Syed	2023	Dignity in Difference	Co-founder, Community Lead
Hitesh Wadhwa	2023	Wadhwa Consulting	Founder/Owner
Ishita Garg	2023	National Internet Exchange of India	Research Associate
Juhi Sanjay Khetan	2023	Peritum Partners	Corporate Lawyer
Lokendra Sharma	2023	National Institute of Advanced Studies, Bengaluru	PhD Candidate
Mohammed Khalid	2023	Savart	ReactJS Developer
Narola D Dhar	2023	KPMG	Associate Consultant
Nikhil lyer	2023	The Quantum Hub Consulting	Senior Analyst
Palwinder Singh	2023	Automode Solutions	Self Employed
Rahul Pravin Desarda	2023	Jindal Global Law School	Assistant Lecturer
Rupesh Mittal	2023	Cyber Jagrithi and Safety Foundation	Director

Sameer Gahlot	2023	National Internet Exchange of India	Research Associate
Sarang Kailas Vehale	2023	National Forensic Sciences University	Student
Shubham Agarwal	2023	Corporate Infotech Pvt. Ltd. (CIPL)	Data Scientist
Tuisha Sircar	2023	IIT Bombay	PhD Scholar
Yug Desai	2023	South Asian University	M. Phil. Candidate, International Relations
Valentine Raju Melkudi	2023	Freelancer	Creative Professional: Graphic Designer, Writer, Illustrator, Video & Editor
Shrutee Bepari	2023	AESL	Lecturer
Bijay Amgain	2023	NIT, Arunachal Pradesh	PhD Scholar (Management)
Farheen Jia	2023	Council for Social and Digital Development (CSDD India)	Knowledge & Network Coordinator
Shradhanjali Sarma	2023	Independent Legal Practitioner	
Violina Barman	2023	Council for Social and Digital Development (CSDD India)	Research Consultant
Frank Anati	2023	Ghana Health Service	IT Manager
Golam Mourtoza	2023	CCD Bangladesh	Director
Nirosha Wedasinghe	2023	Kotelawala Defence University - Sri Lanka	Senior Lecturer
Ishara Dhakal	2023	Kathmandu Metropolitan City	IT Instructor
LokRaj Pathak	2023	Nepal Police Organization	Polygraph Specialist. VSA Expert
Sruthi Vanguri	2023	ICRIER	Digital Economy Researcher
V Abhishek	2023	Centre for Digital Economy Policy	Policy Consultant
Namratha M	2023	Ikigai Law	Associate
Mansi Sharma	2023	NITI Aayog	Young Professional
Suhaib Salman	2023	IDIA	Director
Shrishti Sinha	2023	Digital Empowerment Foundation	Fellow
Niharika Haridas	2023	Vellore Institute of Technology, Chennai	Student
Vaishnavi R Vijayan	2023	Moon Village Association	Professional
Purnima Tiwari	2023	EY	Project Consultant (GPS)
Samrridhi Kumar	2023	CCG, NLU-Delhi	Analyst
Barkha Manral	2023	NIC	NIC
Neelesh Maheshwari	2023	South Asian University	Ph.D. Candidate
Apoorv Dandavate	2023	MGMU's Jawaharlal Nehru Engineering College, Aurangabad	Student
Hariharan	2023	Dr. G. R. Damodaran College of Science	Student

Nandan S.	2023	LBS Institute of Technology for Women, Trivandrum	Assistant Professor
Rajan Srivastava	2023	Mitel Communication India Pvt Ltd	Senior Manager -SW Development
Aviral Kaintura	2022	National Forensic Sciences University, Ministry Of Home Affairs, New Delhi	Student
Dr Laxmaiah Mettu	2022	CMR ENGINEERING COLLEGE	Professor& Head CSE(Data Science)
Engineer Md. Safaet Hossain	2022	University of Information Technology and Sciences (UITS)	Director (IQAC) and Associate Professor(Department of CSE) Research Scholar (Management)
Gautam Sharma	2023	Indian Institute of Technology, Guwahati	Student
Tithi Neogi,	2024	Centre for Communication Governance, National Law University Delhi	Analyst
Aashish Aryan	2024	The Economic Times	Deputy Chief of Bureau - Technology
Ananya Arora	2024	UN Global Compact Network India	Consultant
Anita Walker	2024	SmartWebby.com	Entrepreneur
Varda Mone	2024	Alliance University	Assistant Professor
Adri Jovin John Joseph	2024	Sri Ramakrishna Institute of Technology	Professor and Head
Anahida Bhardwaj	2024	Jindal School of Government and Public Policy	Student
Arvind Shroff	2024	Indian Institute of Management Lucknow	Assistant Professor
Sachchidanand Upadhyay	2024	National Knowledge Network	Consultant
Aditya Joshi	2024	Office of S Niranjan Reddy, Member of Parliament Rajya Sabha	Chief of Staff
Prakash Gupta	2024	OMI Foundation	Lead, Centre for Inclusive Mobility
Parnita Agal Gupta	2024	Chase India	Sr. Associate-Public Policy
Priyamvada Singh	2024	Patna High Court	
Rupam Barui	2024	National Forensic Sciences University	Student - Cybersecurity
Saurabh Gandle	2024	SG ANALYTICS	Data Engineer
Vriti Vankani	2024	eGovernments Foundation	CEOs Office
Shubham Khandelwal	2024	Mantra Ventures	Entreprenuer
Shrestha Srivastava	2024	Symbiosis International University	Final Year Law Student (Batch 2020-2025)
Sulabh Agarwal	2024	Cisco Systems India Pvt Ltd	Senior Network Engineer
Swarna Singh	2024	National Human Rights Commission	Junior Research Consultant
Yashasvani Vashisht	2024	Deloitte	Data Privacy Consultant

Heramb Podar	2024	IIT Roorkee	Student
Mahesh Amrutrao Shelke	2024	Department of Extension and Communication, The Maharaja Sayajirao University of Baroda	Assistant Professor
Deepa Prabhakar Maishal	2024	Karnataka Government	Civil Servant
Ajith Kumar Vyasarao	2024	NetApp India Pvt Ltd	Senior Security Research Engineer
Umair Uzzaman Khan	2024	Commonwealth Bank of Australia	System Engineer
Priti Kumari	2024	Akamai Technologies	Senior Security Engineer
Sivakumar Dhakshinamoorthy	2024	Lenovo Global Technology Pvt Ltd	Head of Services Support and Gen Al Security Researcher
Thejaswini SM	2024	CMS Business School (Jain University)	Student
Krupa Y	2024	Bangalore Institute of Technology	Student
Deepika Nandagudi Srinivasa	2024	Data Security Council of India	Associate, Public Policy and Privacy
Situ Behera	2024	FXB International	
Dr. Murthy DHR	2024	RL Jalappa Institute of Technology	Associate Professor
Swathi Arunaa Thiruvannadhapuram Shankaran	2024	IDC	Senior Research Analyst
Bharath Govindasamy	2024	Ringcentral india PVT LTD	Staff News
Abirlal Mukherjee	2024	GITAM Deemed to be University	PhD Scholar
Dr. Chethan GS	2024	JNNCE Shimoga	Assistant Professor
Dr. Nirmala SO	2024	BIET Davangere	Professor
Mohamed Mansoor Zaheer		The Open University of Sri Lanka, Sri	Network Manager & Visiting
Hussain	2024	Lanka	Lecturer
Hussain Aishwarya KC	2024	Fonepay Payment Service Limited, Nepal	ISO Manager
Aishwarya KC	2024	Fonepay Payment Service Limited, Nepal Ministry of Justice, United Kingdom,	ISO Manager
Aishwarya KC Muhammad Haikal Mansor	2024	Fonepay Payment Service Limited, Nepal Ministry of Justice, United Kingdom, Malaysia	ISO Manager Research Analyst Cybersecurity Research
Aishwarya KC Muhammad Haikal Mansor Avishek Rijal	2024 2024 2024	Fonepay Payment Service Limited, Nepal Ministry of Justice, United Kingdom, Malaysia SecurityPal, Nepal	ISO Manager Research Analyst Cybersecurity Research Analyst
Aishwarya KC Muhammad Haikal Mansor Avishek Rijal Januka Madushan Dharmapriya	2024 2024 2024 2024	Fonepay Payment Service Limited, Nepal Ministry of Justice, United Kingdom, Malaysia SecurityPal, Nepal Bug Zero (Pvt) Ltd, Sri Lanka Ideal School and College, Motijheel,	ISO Manager Research Analyst Cybersecurity Research Analyst Lead Business Analyst
Aishwarya KC Muhammad Haikal Mansor Avishek Rijal Januka Madushan Dharmapriya Shankar Kumar Mondol	2024 2024 2024 2024 2024	Fonepay Payment Service Limited, Nepal Ministry of Justice, United Kingdom, Malaysia SecurityPal, Nepal Bug Zero (Pvt) Ltd, Sri Lanka Ideal School and College, Motijheel, Dhaka, Bangladesh	ISO Manager Research Analyst Cybersecurity Research Analyst Lead Business Analyst Assistant Teacher
Aishwarya KC Muhammad Haikal Mansor Avishek Rijal Januka Madushan Dharmapriya Shankar Kumar Mondol Sheila Kakooza	2024 2024 2024 2024 2024 2024	Fonepay Payment Service Limited, Nepal Ministry of Justice, United Kingdom, Malaysia SecurityPal, Nepal Bug Zero (Pvt) Ltd, Sri Lanka Ideal School and College, Motijheel, Dhaka, Bangladesh Kyambogo University, Uganda	ISO Manager Research Analyst Cybersecurity Research Analyst Lead Business Analyst Assistant Teacher Database Administrator
Aishwarya KC Muhammad Haikal Mansor Avishek Rijal Januka Madushan Dharmapriya Shankar Kumar Mondol Sheila Kakooza Maitri Ratna Bajarcharya	2024 2024 2024 2024 2024 2024 2024	Fonepay Payment Service Limited, Nepal Ministry of Justice, United Kingdom, Malaysia SecurityPal, Nepal Bug Zero (Pvt) Ltd, Sri Lanka Ideal School and College, Motijheel, Dhaka, Bangladesh Kyambogo University, Uganda F1soft Nepal	ISO Manager Research Analyst Cybersecurity Research Analyst Lead Business Analyst Assistant Teacher Database Administrator Engineering Manager
Aishwarya KC Muhammad Haikal Mansor Avishek Rijal Januka Madushan Dharmapriya Shankar Kumar Mondol Sheila Kakooza Maitri Ratna Bajarcharya Fred Bbosa	2024 2024 2024 2024 2024 2024 2024 2024	Fonepay Payment Service Limited, Nepal Ministry of Justice, United Kingdom, Malaysia SecurityPal, Nepal Bug Zero (Pvt) Ltd, Sri Lanka Ideal School and College, Motijheel, Dhaka, Bangladesh Kyambogo University, Uganda F1soft Nepal Uganda National Drug Authority, Uganda	ISO Manager Research Analyst Cybersecurity Research Analyst Lead Business Analyst Assistant Teacher Database Administrator Engineering Manager ICT Officer
Aishwarya KC Muhammad Haikal Mansor Avishek Rijal Januka Madushan Dharmapriya Shankar Kumar Mondol Sheila Kakooza Maitri Ratna Bajarcharya Fred Bbosa Mahi Chandana Kuruba	2024 2024 2024 2024 2024 2024 2024 2024	Fonepay Payment Service Limited, Nepal Ministry of Justice, United Kingdom, Malaysia SecurityPal, Nepal Bug Zero (Pvt) Ltd, Sri Lanka Ideal School and College, Motijheel, Dhaka, Bangladesh Kyambogo University, Uganda F1soft Nepal Uganda National Drug Authority, Uganda NLSIU Atma Rama Sanatan Dharma College,	ISO Manager Research Analyst Cybersecurity Research Analyst Lead Business Analyst Assistant Teacher Database Administrator Engineering Manager ICT Officer Study

Garima Panigrahi	2024	Office of Member of Parliament (Rajya Sabha)	
Maitri Singh	2024	Digital Empowerment Foundation	Researcher
Tarun Kaushik	2024	NICFS, Central Police Organization, MHA	Cyber Security & Digital Forensics Researcher
Manas Joshi	2024	Ernst & Young	Seniro Technology Consultant
Kushagra Singh	2024	National Forensic Sciences University, Delhi	Student
Atribh Deka	2024	Jamia Millia Islamia University	Student
Kunal Thakur	2024	Azim Premji University	Student
Ananya A B	2024	Presidency University	Student
Aiswarya A S	2024	Presidency University	Student
Mohan C V	2024	Presidency University	Student
Sagar S	2024	Google	



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