CONFERENCE REPORT OF INTERNATIONAL CONFERENCE ON CYBERLAW, CYBERCRIME AND CYBERSECURITY, ORGANIZED AT NEW DELHI, INDIA ON 20TH NOVEMBER, 2014
Cyberlaws.Net
Pavan Duggal Associates
Present
INTERNATIONAL
CONFERENCE ON
CYBERLAW, CYBERCRIME
& CYBERSECURITY
CONFERENCE REPORT OF INTERNATIONAL CONFERENCE ON CYBERLAW, CYBERCRIME AND CYBERSECURITY, ORGANIZED AT NEW DELHI, INDIA ON 20TH NOVEMBER, 2014

The International Conference on Cyberlaw, Cybercrime & Cyber Security was organized at New Delhi on 20th November, 2014, by Cyberlaws.Net and Pavan Duggal Associates, Advocates, Supreme Court of India. The Conference Director of the conference was Pavan Duggal, Advocate, Supreme Court of India and Asia’s leading authority on Cyberlaw, who has been acknowledged as one of the top four cyber lawyers of the world.

The Conference had 6 Plenary Sessions and 12 Parallel Sessions. More than 100 speakers from different parts of the world participated in the conference to share their perspectives and deliberate on the important issues in Cyberlaw, Cybercrime & Cyber Security. Various topics and subjects were discussed during the conference. Some of the important subjects that were discussed included existing important trends in Cyberlaw, Important trends in Cybercrime, Cybersecurity & Cyberlaw, cyber conflicts and legalities, Social media and Cyberlaw, Cloud computing & Cyberlaw, Cloud computing & Cyberlaw, Personal privacy & Cyberlaw, Data protection & Cyberlaw and Location & Cyberlaw.

The agenda of the conference was as follows:-

AGENDA – MULTI-PURPOSE HALL - MAIN VENUE

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 am - 9:00 am</td>
<td>Registration/Collection of Badges</td>
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<tr>
<td></td>
<td>Welcome by Mr. Pavan Duggal, Advocate, Supreme Court of India &amp; President, Cyberlaws.Net</td>
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<td>Inauguration &amp; Inaugural Address By:</td>
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<tr>
<td></td>
<td>➢ Hon’ble Mr. Justice Deepak Mishra, Judge, Supreme Court of India</td>
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<td>Address By:</td>
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<tr>
<td></td>
<td>➢ Dr. Henning Wegener, Chairman, Permanent Monitoring Panel on Information Security, World Federation of Scientists, Geneva, Switzerland</td>
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<td>➢ Mr. P.K. Malhotra, Law Secretary, Ministry of Law &amp; Justice, Government of India</td>
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<tr>
<td>9:00 am to 11:15 am</td>
<td>Session I- Emerging Cyberlaw Trends</td>
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<td>➢ Mr. Pavan Duggal, Advocate, Supreme Court of India &amp; President, Cyberlaws.Net</td>
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<td>11:15 am to 11:30 am</td>
<td>Networking Tea</td>
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<td>Time</td>
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| 11:30 am to 11:45 am | **Special Session**<br> - Mr. Vint Cerf, Co-Inventor of Internet & Vice President and Chief Internet Evangelist, Google  
- Dr. Hamadoun I. Touré, Secretary General, International Telecommunications Union (ITU)  
- Dr. Stephen D. Crocker, President, Internet Corporation for Assigned Names & Numbers (ICANN) |
| 11:45 am to 1:45 pm | **Session II - Cybercrimes**<br> - Mr. Troels Oerting, Assistant Director, Head of European Cybercrime Centre (EC3), EUROPOL  
- Mr. Timotheus Tammo Talento Kansil, Head of Department for International Co-Operation, National Police, The Netherlands  
- Mr. Muktesh Chander, IPS, Special Commissioner of Police, Delhi Police  
- Mr. Eirik TRONNES HANSEN, Prosecutor, Kripos, Member of the T-CY Bureau  
- Mr. Sami Petajasoja, Vice President, Codenomicon Limited for APAC region  
- Mr. G Gopalakrishna, Director, The Centre for Advanced Financial Research and Learning (CAFRAL), India  
- Dr. Prem Chand, Executive Director, Codenomicon Software (I) Pvt. Ltd.  
- Ms. Claire Gayrel, Researcher at University of Namur, Belgium  
- Mr. Krishna Sastry Pendyala, Head, Fraud Management & Digital Forensics, Tata Consultancy Services, India  
- Mr. David Aylor, Attorney, David Aylor Law Offices, United States of America (USA)  
- Mr. Loknath Behera, Additional Director General of Police in Charge of Police Modernisation, Coastal Security, Crimes, Projects, Planning, IT Administration in Police HQ, Kerala  
- Mr. Prasanto K Roy, Chief Editor, ICT Group of CyberMedia |
| 1:45 pm to 2:30 pm | **Networking Lunch & Luncheon Addresses** |
| 2:30 pm to 3:45 pm | **Session III - Cyber Security & Cyberlaw**<br> - Dr. Gulshan Rai, Director General, Indian Computer Emergency Response Team (ICERT), Ministry of Communications & Information Technology, Government of India  
- Dr. Nirmaljeet Singh Kalsi, IAS, Joint Secretary (Police) – II, Ministry of Home Affairs, Government of India  
- Dr. Henning Wegener, Chairman, Permanent Monitoring Panel on Information Security, World Federation of Scientists, Geneva, Switzerland  
- Shri T.A. Khan, Controller Of Certifying Authorities, Ministry of Communications & Information Technology Government of India  
- Prof. Rajat Moona, Director General, Centre for Development of Advanced Computing (C-DAC)  
- Mr. Rakesh Kharwal, Director- Enterprise Business at Intel Security  
- Mr. Subramanian Chandrasekhar, Group Director, Government Affairs & Public Policy, Microsoft India  
- Mr. Sachin Burman, Director, National Critical Information Infrastructure Protection Centre (NCIIPC) |
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<th>Time</th>
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<tr>
<td>3:45 pm to 4:00 pm</td>
<td>Networking Tea</td>
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<td>4:00 pm to 5:15 pm</td>
<td><strong>Session IV- Internet Governance &amp; Cyber Legal Regimes</strong></td>
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<td></td>
<td>- Mr. Jose Miguel Duavit Vazquez, Managing Director, PHCOLO Inc., Philippines</td>
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<td></td>
<td>- Ms. Judith Duavit Vazquez, Founder and Chairman, PHCOLO Inc, NCR–National Capital Region, Philippines</td>
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<td>- Dr. Ajay Kumar, IAS, Joint Secretary, Department of Electronics and Information Technology, Ministry of Communications &amp; Information Technology Government of India</td>
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<td>- Dr. Govind, CEO, National Internet Exchange of India (NIXI)</td>
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<td>- Dr. Indrajit Banerjee, Director, Information Society Division, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris, France</td>
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<td>- Mr. Samiran Gupta, Head of India, Internet Corporation for Assigned Names and Numbers (ICANN)</td>
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<td>- Dr. Henning Wegener, Chairman, Permanent Monitoring Panel on Information Security, World Federation of Scientists, Geneva</td>
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<td>- Ms. Noelle de Guzman, Regional Programmes Coordinator, Asia-Pacific Bureau, Internet Society</td>
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<td>- Dr. Anja Kovacs, Researcher and Activist, and Director of the Internet Democracy</td>
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<td>- Mr. Leslie D Monte, National Technology Editor, Mint Newspaper</td>
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<td>5:15 pm to 6:30 pm</td>
<td><strong>Session V- International impact and relevance of Digital India, Digital Agenda and its Digital Policies</strong></td>
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<td>- Mr. R S Sharma, Secretary, Department of Electronics &amp; Information Technology, Ministry of Communications &amp; Information Technology, Government of India</td>
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<td>- Mr. Arvind Gupta, Convener, Information Technology Cell, Bhartiya Janta Party (BJP)</td>
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<td>- Mr. Pradeep Gupta, Chairman &amp; Managing Director, CyberMedia</td>
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<td>- Mr. Umang Das, Chairman ASSOCHAM E-governance And Digital Council; Director General, Towers and Infrastructure Providers Association (TAIPA), Chief Mentor, Viom Networks Ltd</td>
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<td>- Mr. Pavan Duggal, Advocate, Supreme Court of India &amp; President, Cyberlaws.Net</td>
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<td>6:30 pm to 7:15 pm</td>
<td><strong>Summing up of the Conference</strong> - Mr. Pavan Duggal President, Cyberlaws.Net &amp; Advocate, Supreme Court of India</td>
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<td><strong>Honouring of Foreign Delegates</strong></td>
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<td><strong>Valedictory Session</strong></td>
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<td><strong>Address by:</strong></td>
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<td>- Ms. Pinky Anand, Additional Solicitor General of India</td>
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</table>
- Dr. Arvind Gupta, Deputy National Security Advisor, Government of India
- Valedictory Address by Hon'ble Mr. Justice Madan B Lokur, Judge, Supreme Court of India
- Vote of Thanks

**PARALLEL SESSION VENUE SEMINAR HALL I – AGENDA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session VI – Net Neutrality And Its Challenges</th>
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| 11:30 am to 12:35 pm | ✗ Mr. Pendel Klaus Alexander, ICT Counsellor at the Delegation of the European Union to India  
            | ✗ Ms. Noelle Francesca De Guzman, Regional Programmes Coordinator, Asia-Pacific, Internet Society (ISoC)  
            | ✗ Mr. Ram Narain, Deputy Director General (International Relations), Department of Telecom, Government of India  
            | ✗ Mr. Prabir Purkayastha, Knowledge Commons  
            | ✗ Ms. Tulika Pandey, Additional Director, Department of Information Technology, Ministry of Communications & Information Technology, Government of India |

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<tr>
<th>Time</th>
<th>Session VII - Mobile Commerce &amp; Cyberlaw</th>
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| 12:35 pm to 01:45 pm | ✗ Mr. Ashish Chandra, General Counsel, Snapdeal  
            | ✗ Mr. Probir Roy, Co-Founder and Board Director, Paymate  
            | ✗ Mr. Sunil Sirohi, Senior Vice President, NIIT, India  
            | ✗ Mr. Rakesh Bakshi, General Counsel, Amazon, India  
            | ✗ Mr. Vijay Sethi, Vice-President, Information Systems, Hero MotoCorp Limited  
            | ✗ Mr. K P Singh, IRS, Commissioner Customs, Service Tax and Safeguard Duty  
            | ✗ Mr. G. S. Hegde, Legal Consultant, Reserve Bank of India  
            | ✗ Mr. Tilak Raj Dua, Executive Director, Tower and Infrastructure Providers Association (TAIPA) |

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<tr>
<th>Time</th>
<th>Networking Lunch</th>
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<td>01:45 pm to 02:30 pm</td>
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<tr>
<th>Time</th>
<th>Session VIII – Convention of Cybercrime of the Council of Europe – Contribution in Combating Cybercrimes</th>
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</table>
| 02:30 pm to 03:30 pm | ✗ Ms. Claire Gayrel, Researcher at University of Namur, Belgium  
            | ✗ Mr. Timotheus Tammo Talentu Kansil, Head of Department for International Co-Operation, National Police, the Netherlands  
            | ✗ Prof. Rekha Jain, Associate Coordinator, Centre for Telecom Policy Studies, Indian Institute of Management, Ahmadabad  
            | ✗ Mr. Eirik TRØNNES HANSEN, Prosecutor, Kripos, member of the T-CY Bureau  
<pre><code>        | ✗ Mr. Jarvis Matiya, Head, Justice Section, Rule of Law Division, Commonwealth Secretariat |
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<tr>
<th>Time</th>
<th>Session IX – Heartbleed, ransomware, newly emerging cybercrimes</th>
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<tbody>
<tr>
<td>03:30 pm to 03:45 pm</td>
<td>Networking Tea</td>
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</table>
| 03:45 pm to 04:45 pm | Ms. Antti Karjalainen, Test Tool Developer, Codenomicon Limited  
|                     | Mr. Sidarth Mutreja, McAfee                                   
|                     | Mr. Balwinder Singh, Former Special Director, Central Bureau of Investigations (CBI)  
|                     | Dr. Aprajita Bhatt, Assistant Professor, National Law University, Delhi, India  
|                     | Mr. David Aylor, Attorney, David Aylor Law Offices, United States of America (USA)  |

PARALLEL SESSION VENUE SEMINAR HALL II – AGENDA

<table>
<thead>
<tr>
<th>Time</th>
<th>Session X – Technology, Free Speech &amp; Cyberlaw</th>
</tr>
</thead>
</table>
| 11:30 am to 12:35 pm | Ms. Babu Ram Aryal, Internet Society, Nepal  
|                     | Prof. Dr. Mool Chand Sharma, Member, Law Commission, Government of India  
|                     | Dr. Shashikala Gurpur, Director, Symbiosis Law School, Pune and Dean, Faculty of Law, Symbiosis International University  
|                     | Dr. Arun Mohan, Senior Advocate, Supreme Court of India  
|                     | Prof. Ashwini Kumar Bansal, Head and Dean, Faculty of Law, University of Delhi  
|                     | Dr. Anja Kovacs, Researcher and Activist, and Director of the Internet Democracy  |

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<thead>
<tr>
<th>Time</th>
<th>Session XI – Cyber Warfare, Cyberlaw &amp; International Humanitarian Law</th>
</tr>
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</table>
| 12:35 pm to 01:45 pm | Mr. Loknath Behera, Additional Director General of Police in Charge of Police Modernisation, Coastal Security, Crimes, Projects, Planning, IT Administration in Police HQ, Kerala  
|                     | Mr. Laurent Gisel, Legal Adviser, International Committee of the Red Cross (ICRC), Geneva  
|                     | Prof. (Dr.) Manoj Kumar Sinha, Director, Indian Law Institute, New Delhi, India  
|                     | Ms. Supriya Rao, Legal Adviser, International Committee of the Red Cross  
|                     | Commodore A. Anand, Additional Director General, Weapons And Electronics Systems Estb (WESEE)  
|                     | Mr. Manish Gokani, Specialized in Human Interface Design and Computer Networking  
|                     | Mr. Manish Tiwari, Chief Security Advisor, Microsoft India  
|                     | Mr. Saikat Dutta, Editor (National Security), Hindustan Times, India  |

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<tr>
<th>Time</th>
<th>Networking Lunch</th>
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<tr>
<td>01:45 pm to 02:30 pm</td>
<td>Networking Lunch</td>
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<tr>
<td>Time</td>
<td>Session XII - Liability Of Service Providers In Cyberspace</td>
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| 02:30 pm to 03:30 pm | - Mr. Rajan S Mathews, Director General, Cellular Operators Association of India  
                      - Mr. Rajesh Chharia, President, Internet Service Providers Association of India (ISPAI)  
                      - Mr. Arijit Bhattacharya, Founder & CEO, Virtual Infocomm  
                      - Justice Talwant Singh, Special Judge, Central Bureau of Investigation  
                      - Justice Rajesh Tandon, Member, Uttarakhand Human Rights Commission & Former Presiding Officer, Cyber Appellate Tribunal  
                      - Mr. Sandeep Sudan, Country Director, Pinkerton                                                                      |
| 03:30 pm to 03:45 pm | Networking Tea                                                                                                          |
| 03:45 pm to 04:45 pm | Session XIII - Social Media and Cyberlaw                                                                                   |
|                 | - Mr Alok Vijayant, Director, Information Dominance Group, National Technical Research Organization (NTRO)               |
|                 | - Mrs. Kusum Duggal, Eminent Educationalist, Former Principal of Delhi Public School                                      |
|                 | - Mr. Rakshit Tandon, Advisor, Cyber Crime Unit, Uttar Pradesh Police, Agra                                             |
|                 | - Mr. Harjinder Lallie, University of Warwick                                                                             |
|                 | - Saakshar Duggal, Coordinator, Centre Against Cyber Bullying (CACB)                                                      |

PARALLEL SESSION VENUE SEMINAR HALL III – AGENDA
Session XIV – Role of INTERPOL and International coalitions in evolution of Cyberlaw jurisprudence

- Mr. Timotheus Tammo Talentu Kansil, Head of Department for International Co-Operation, National Police, the Netherlands
- Mr. David Tait, Legal Researcher, Rule of Law Division, Commonwealth Secretariat
- Ms. Bindu Sharma, Asia Pacific Policy Director, International Centre for Missing & Exploited Children, Singapore
- Mr. Amit Sharma, Additional Director, Scientific Advisor of Defence Minister, Defence Research and Development Organization (D.R.D.O), Ministry of Defence, Government of India

Session XV - Data and Personal Privacy, Location & Cyberlaw

- Mr. Kapil Mehrotra, CIO, Artemis Hospitals
- Mr. Prakash Kumar, National Technology Officer, Microsoft India
- Ms. Surabhi Agarwal, Special Correspondent, Business Standard
- Mr. Ashutosh Kar, Managing Director, Cyber & Communication Intelligence business in India & ME, Verint
- Mr. Ilam Chand Kamboj, Asso.V.P., Legal & Company Secretary, Hero MotoCorp Limited
- Mr. Rajeshwar Murthy, Director, Non-Profit Foundation, ISAC & Founder, Malcon
- Dr. Ishwar Gilada, President, AIDS Society of India

Session XVI – Cyber Ecosystem Services & Connected Ramifications

- Professor Pauline Reich, Director, Asia-Pacific Cyberlaw, Cybercrime and Internet Security Institute, Tokyo, Japan
- Mr. Rajeev Seoni, CIO, Ernst & Young
- Ms. Laurel G. bellows, Past President, American Bar Association, the Bellows Law Group, P.C., United States of America (USA)
- Dr. Sumit D. Chaudhary, President, Enterprise Business of Reliance Jio, India
- Commander (Retd.) Kaushal Chaudhary, Senior Vice President, IT & IS, Lanco Group of Companies
- Dr. Ashwani Mehta, Senior Cardiologist, Sir Gangaram Hospital, New Delhi, India
- Mr. Anand Mahendroo, Film Producer, India
- Mr. Mohit Rampal - Regional Manager India & South Asia – CISSP, Codenomicon Software (I) Pvt. Ltd.

Session XVII – Cloud Computing, BYOD & Cyberlaw

- Mr. Ibrahim Ahmad, Group Editor, CyberMedia
- Mr. Veer Sagar, Consultant And Advisor, India
Pavan Duggal, Advocate, Supreme Court of India and Conference Director, said that the conference was a step forward to discuss the cyber crime related policies and highlighted the need for all the stakeholders in the digital and mobile ecosystem to work together and address the complicated legal nuances.

He pointed out that there is no doubt in the fundamental scenario that Internet has now become centre-stage to our day-to-day lives. India is a distinct ball game altogether because 61% of all Indians online are only accessing the Internet through the mobile phones and communication devices. In a scenario like this, India is a very distinctive model to show the world how you can actually leap frog the entire revolution that is happening.

He pointed out that there is the dark web, a dark web which is like the wild-wild west for cyber criminals where primarily cybercrime is a way of life, where cybercrime as a service is the economic model. The world over, the law-enforcement agencies are very much challenged to find out how to deal with these emerging issues pertaining to the Dark Web.

The Conference was inaugurated by Hon'ble Mr. Justice Deepak Mishra, Judge, Supreme Court of India. Justice Deepak Mishra underlined the significance of the various activities in cyberspace and the need for increased regulation of cyber criminal and illegal activities on the Internet. Justice Deepak Mishra underlined the significance of the need for cyber legal jurisprudence to be developed on existing legal frameworks already established by prevailing jurisprudence.

Justice Deepak Mishra called for a codified law as well as imparting proper training to law enforcement officers to deal with the issue of cyber crime and match the level of intelligence of the criminals who commit such offences.

Expressing concern over the growing instances of cyber crime, Justice Dipak Misra said there is a need to come up with a code, a mechanism to deal with cyber crime. Through a computer, a man can create an artificial system which can have much more knowledge than what human mind can contain. Knowledge is powerful and knowledge can be dangerous. He stated that we need to train the officers and make them efficient and competent in these laws with a different kind of branch as everyone cannot do it.

The judge also spelled out the difficulties likely to arise in dealing with the issue. Litigations are cropping up with regard to domain disputes, intellectual property rights, email contracts,
defamation, etc. And the high courts in our country are dealing with them, but there are difficulties like how does one safeguard people’s right to privacy?

Suggesting ways to handle the Internet crimes, Justice Misra said that people who engage in cyber crime have the potential and knowledge to advise us how to control these crimes, adding that their level of intelligence needs to be matched to crack the cases and catch the criminals.

The plenary session was also addressed by Mr. P.K. Malhotra, Law Secretary, Ministry of Law & Justice, Government of India. Mr. Malhotra elaborated the various challenges that are facing the Indian cyber legal regime. It is significant that countries address and strengthen their cyber-legal regimes which would also promote growth of e-commerce. He said that with the advent of development of science and technology, usage of computers and internet became a common tool of information exchange. The rapid development of the Internet and computer technology globally has also led to the growth of new forms of crimes, especially those which are internet based. These criminal activities directly relate to the use of computers, more particularly illegal trespass into the computer system or database of another, manipulation or theft of stored data, or sabotage of systems and data.

He pointed out that endeavour of law making machinery of any nation should be in accordance with mile compared to the fraudsters, to keep the crimes lowest. Though the Information Technology Act, 2000 deals with the offences related to such crimes in India and deals with Justice Dispensation systems for various cyber crimes, persistent effort is to ensure that governing laws of technology contains every aspect and issues of cyber crime to keep constant vigil and check over the related crimes. He pointed out the need for various amendments and revisions to the existing Information Technology Act, 2000, given the increased changed technological realities of today. He remarked that the role played by the Cyberlaws.Net and Pavan Duggal Associates in spreading awareness and knowledge about Cyber laws and Cyber Crimes is appreciable. He congratulated them for their efforts in this regard.

Session-I was on Emerging Cyberlaw Trends. The said session was addressed by Mr. Pavan Duggal, Advocate, Supreme Court of India & President, Cyberlaws.Net.

Mr. Pavan Duggal, Advocate, Supreme Court of India and President, Cyberlaws.Net thereafter give an exhaustive elaborate presentation on emerging Cyberlaw trends. He examined the various legal issues and aspects that are beginning to get more important and dwelt on those issues which are likely to be increasingly engaging the attention of lawmakers throughout the world, given the rapid advances of technology. He underlined the new concept of the Internet. He pointed out that we are working on some of these cutting-edge issues on Internet of things and we find that these are just early just days but very interesting. The existing reality is that there is no international regime per se on Cyberlaw. He talked about the Convention on Cybercrime of the Council of Europe. He pointed out the various issues like Social fabrication, 3D printing where Cyberlaw is ultimately developing, Big data and ownership of that data and privacy. He also touched the legal issues related with complicated jurisdiction on Internet and emerging issues like right to be forgotten on the
Internet, SO-LO-MO (social-local-mobile), mobile crimes, Mobile Law, legal issues with mobile application or appification and dark web. The world over, the law-enforcement agencies are very much challenged to find out how to deal with these emerging issues pertaining to the dark web and more significantly the deep web. He emphasized the need for India to have a distinct data protection law because the rules and regulations under the Information Technology Act, 2000 and the Information Technology Act, 2000 are not particularly sufficient to deal with it. He further also elaborated as to how cyber legal regimes can ultimately help contribute to a far more robust cyberspace.

**Special Session**

Mr. Vint Cerf, Co-Inventor of Internet & Vice President and Chief Internet Evangelist, Google sent a special message for the conference which was read, which set the right tone for the conference. In his message, he pointed out that adding the prefix "cyber-" to everything is a solution to nothing. One must return to fundamentals to understand, appreciate and consider policies and actions that will increase safety and security while safeguarding other human rights in the process. We speak frequently of the human right to communicate, to speak, to hear, to assemble, to produce and share information. We speak of these in terms of freedom. Less often, we hear about freedom from harm (i.e. safety) but this is also a core element of what Rousseau called The Social Contract. As citizens, we hope and expect that the state will protect all of these freedoms and the rights we associate with them.

He questioned as to where does this "cyber" universe fit in? Computer and networks and programmable devices of all kinds enable both constructive and destructive action. Software is rarely, if ever, perfect and weaknesses are exploited by those who have no interest in protecting the freedom of others, notably from harm. Our societies ban behaviors deemed harmful but laws are nothing if they are not enforceable. Therein lies the rub. Can we make and enforce laws that tame a global infrastructure that enables so much good while potentially abetting harm? Can we establish societal norms and legal frameworks across national boundaries that meet these objectives? What technology is needed or can be adapted to improve safety and security in online environments? Will we be able to benefit from the coming Internet of Things whose functionality is largely derived from software and networks, while escaping the potential risks of deliberate or accidental failures? Not all failures are the result of crimes and we must also take this into account as we attempt to bound the scope of harms while enhancing the scope of benefits of the computer and communication revolution. Vint Cerf highlighted that this conference is all about these and other questions that have become timely and even critical to 21st Century society.

The conference was addressed by video conferencing by Dr. Hamadoun I. Touré, Secretary General, International Telecommunications Union (ITU). Dr. Toure underlined the significance of Internet governance and various challenges existing concerning Internet governance in the world. The conference was also addressed through video by Dr. Stephen D. Crocker, President, Internet Corporation for Assigned Names & Numbers (ICANN) who elaborated the role of ICANN and how ICANN can contribute to evolving cyber legal jurisprudence.
Session-II was on Cybercrimes.

The plenary session on cybercrimes was well attended. This Session was attended by galaxy of speakers. In the said session, various issues pertaining to emerging new kinds of cybercrimes were addressed. More significantly the various approaches adopted in different parts of the world pertaining to regulating of Cybercrime were also discussed.

Mr. Timotheus Tammo Talentu Kansil, Head of Department for International Co-Operation, National Police, The Netherlands spoke about the global nature of cybercrimes and the practical problems faced by the law enforcement agencies while they go ahead detecting, prosecuting and punishing cyber criminals. He also elaborated on the transient nature of electronic evidence and further highlighted that given the long time that the Mutual Legal Assistance Treaties (MLAT) process takes, in a number of cases, no swift action can be taken because the concerning incriminating electronic evidence is not available at the appropriate time. He also elaborated on the role that the work that has been done by INTERPOL for the purposes of international collaboration among various police organizations in different parts of the world.

Mr. Eirik TRØNNES HANSEN, Prosecutor, Kripos, Member of the T-CY Bureau gave a presentation on the level of cybercrimes that are existing in the Scandinavian countries. He further elaborated on the work that has been done by the Council of Europe in terms of regulating the crimes happening in the European Union. He also stated that NCIS Norway receives a number of requests from police and prosecutors in other countries, including Europol, to trace IP logs in cases of distributing child sexual abuse images. The time period allowed by the Data Protection Agency in Norway (max 21 days for IP logs) might be among the shortest in Europe. A large number of these requests cannot be followed up today. Currently, the majority of the requests could have been followed up if IP logs were stored by the ISPs for at least 6 months. A survey of how and how often Norwegian police uses traffic data, IP logs and other electronic evidence, as well as case examples, is described in NCIS Norway’s public hearing reply (2010) on the proposed implementation of the data retention directive. Further, he underlined about the Police Directorate who is working on a new national strategy, to prevent and fight ICT crime.

Mr. G Gopalakrishan, Director, The Centre for Advanced Financial Research and Learning (CAFRAL) elaborated about the increasing amount of financial crimes that have started happening in India. He further elaborated on the various innovative mechanisms that are adopted by cyber criminals. He further elaborates on the role of the Reserve Bank of India (RBI) in the direction of adequately fighting the challenge of cybercrime. He highlighted various types of Online Banking Frauds like, Phishing, Data Didling, online fund transfers scams, Web Frauds etc. He highlighted various new Trends in Online Fraud, Critical Weaknesses in Security Models and Banking Domain Cybercrime Riddle. He pointed out that no single layer of fraud prevention or authentication is enough to keep determined fraudsters out of enterprise systems. He also elaborated the details of G Gopalakrishna Working Group on Information Security, Electronic Banking, Technology Risk Management
& Cyber Frauds set up by the Reserve Bank of India and the recommendations which were given to the Reserve Bank of India (RBI) which have subsequently been implemented.

Ms. Claire Gayrel, Researcher at University of Namur, Belgium gave the viewpoint of the global Cyberlaw scenario that existed in different parts of the world. She also highlighted the work being done in the Council of Europe towards data protection and preventing cybercrime.

Mr. Jarvis Matiya, Head, Justice Section, Rule of Law Division, Commonwealth Secretariat elaborated on the role that has been performed by The Commonwealth in the fight against cybercrime. He elaborated on the various initiatives being undertaken by The Commonwealth for the purposes of fighting the menace of cyber crimes amongst the various Commonwealth countries. He also shared various experience in different Commonwealth countries and jurisdictions on how national legislations and national initiatives are fighting the menace of cyber crime.

Mr. Balwinder Singh, Former Special Director, Central Bureau of Investigations elaborated on the practical problems posed by cybercrime in India. He elaborated on the work being done by the Central Bureau of Investigation for fighting cybercrimes. He also elaborated the practical difficulties faced within India by law-enforcement agencies including the Central Bureau of Investigation while detection and investigation of cybercrime cases and why there was lesser quantum of cyber crime convictions happening in India.

Mr. David Aylor, Attorney, David Aylor Law Offices, United States of America (USA) elaborated on the new cutting-edge cybercrimes happening in the United States. He further gave various samples of the Bitcoins crimes that have happened using crypto currencies and how the same are being handled in the United States of America. He further brought to the table the learnings while detection and investigation of cybercrime matters in the US and how the same could be replicated in different parts of the world.

Mr. Prasanto K Roy, Chief Editor, ICT Group of CyberMedia elaborated on the social media cybercrimes that have started emerging and how social media is being increasingly used by cyber criminals and cyber terrorists for the purposes of committing various cybercrimes. He also shared various examples and case studies apart from moderating the session in an excellent manner. The Session concluded with the unanimous approach that the menace of cyber crime is continuing to increase with each passing day and unless adequate and effective methodologies, processes and procedures are adopted by the relevant stakeholders for the purposes of targeting cyber criminals and effectively regulating cybercrime, it will be very difficult going forward.

The panel was also unanimous that the projections on cybercrimes clearly show increasing numbers of cybercrimes that are going to increase with the passage of the time and there is a need for not just effective legal frameworks which can provided deterrent punishment for cybercrime but also were equipping the law enforcement agencies with the right tools for the purposes of effectively addressing cybercrime. The Panel also further recommended that
capacity building has to be the topmost priority amongst the law enforcement agencies for the purposes of sensitizing them about the newly emerging kinds of cybercrimes and equipping them about how to deal with the innovative approaches of cyber criminals and terrorists using technology.

Session-III was on Cyber Security & Cyberlaw.

In the said session, speakers talked about the various challenges and issue that the protection and preservation of cyber security as a phenomenon throws up. The speakers also looked at the emerging issues and trends pertaining to cyber security in different parts of the world and how different stakeholders are attempting to address the said complicated issues.

This Session was chaired by Dr. Gulshan Rai, Director General, Indian Computer Emergency Response Team (ICERT), Ministry of Communications & Information Technology, Government of India. Dr. Gulshan Rai elaborated on the scope of cyber security and how cyber security is constantly being attacked by various states and non-state actors. He also elaborated the role that is being done by the Indian Computer Emergency Response Team (ICERT) as India’s nodal agency on cyber security and why there is a need for constantly updating cyber security of all nations including India.

Dr. Nirmaljeet Singh Kalsi, IAS, Joint Secretary (Police) – II, Ministry of Home Affairs, Government of India elaborated on the need for National Information Security Policy of India and why there is a need for protecting India’s Critical Information Infrastructure in today's context. He further elaborated by the role and the various projects being done by the Ministry of Home Affairs towards beefing up cyber security of Indian critical installations.

Dr. Henning Wegener, Chairman, Permanent Monitoring Panel on Information Security, World Federation of Scientists, Geneva, Switzerland elaborated on the need for a culture of cyber confidence. He elaborated the various international developments that have taken place at a global level impacting cyber security and how after recent developments, there has been increased need for restoring cyber confidence amongst all stakeholders. He further elaborated on various international mechanisms and the endeavours that are currently being done to restore international dialogue in cyber confidence. He further elaborated on the work done by the Permanent Monitoring Panel on Information Security, World Federation of Scientists in the direction of protection and preservation of cyber security.

Shri T.A. Khan, Controller Of Certifying Authorities, Ministry of Communications & Information Technology, Government of India elaborated on the role of digital authentication as a tool for enhancing security. He elaborated on the various schemes and mechanisms being currently adopted for electronic authentication within the Government of India and highlighted the significance of the activities being done by Certifying Authorities and their regulation by the Controller of Certifying Authorities.

Prof. Rajat Moona, Director General, Centre for Development of Advanced Computing (C-DAC) elaborated on the various challenges to the security of the computer networks in India.
He elaborated the level of cyber security compliances by networks and how the C-DAC is contributing its own inputs towards furthering the cause of cyber security in India.

Mr. Rakesh Kharwal, Director- Enterprise Business at Intel Security gave an international view of the existing cyber security challenges. He also elaborated the work done by Mcafee at Intel Security in the direction of cyber security. He further shared various projections that have been done at Mcafee India which shows a gloomy picture ahead as far as protecting and preservation of cyber security. He further elaborated on the need for companies and all stakeholders to adequately make their computer networks and platforms secure so as to prevent any potential breaches of information security.

Mr. Deepak Maheshwari, Head, Government Affairs-India Region, Symantec Corporation elaborated the practical challenges to cyber security being faced at the global level and also in India. He further shared the various cutting-edge work done by Symantec in the said direction and encouraged the need for all players including corporate sector to comply with cyber security standards and norms so as to make their networks far more secure and resilient.

Session-IV was on Internet Governance & Cyber Legal Regimes.

The plenary session on Internet Governance and cyber legal regimes talked about existing state of Internet Governance and what are the role of various stakeholders and what kind of steps ahead are likely to be taken up by Internet governance before governing the Internet at a global scale.

This Session was chaired by Mr. Leslie D’Monte, National Technology Editor, Mint. He elaborated on the current levels of Internet governance and the impacting on cyber legal regimes. He further commented on the need for far more action in this regard.

There was a message by Ms. Judith Duavit Vazquez, Founder and Chairman, PHCOLO Inc, NCR– National Capital Region, Philippines Telecommunication, Philippines. In her message, she complimented on the work being done at international levels for Internet governance. She further elaborated the role of international organizations like Internet Corporation for Assigned Names & Numbers (ICANN) to furthering the cause of Internet governance.

Dr. Govind, CEO, National Internet Exchange of India (NIXI) elaborated on the various existing trends in Internet governance at the global level. He also highlighted the work done by Internet Corporation for Assigned Names & Numbers (ICANN) in this regard and further elaborated on the role done by the National Internet Exchange of India towards participating in international debates and discussions on Internet governance. He also elaborated on the cutting-edge work on getting new IDNs launched in India including .Bharat in Hindi and various other national languages as part of the overall Internet governance for getting larger number of people onto the Internet bandwagon.
Mr. Samiran Gupta, Head of India, Internet Corporation for Assigned Names and Numbers (ICANN) elaborated on the role of Internet Corporation for Assigned Names & Numbers (ICANN) in the Internet governance. He elaborated on the various initiatives that are currently been engaged by Internet Corporation for Assigned Names & Numbers (ICANN) at a global level and also specifically in Asia and India, which are aimed at encouraging more participation by all stakeholders in the various initiatives of Internet Corporation for Assigned Names & Numbers (ICANN) on Internet governance.

Dr. Henning Wegener, Chairman, Permanent Monitoring Panel on Information Security, World Federation of Scientists, Geneva, Switzerland elaborated on the state of international discussions on Internet governance and how there was a roadblock that was coming and there was a need for confidence building measures to be adopted in furtherance of promoting the cause of Internet governance, at a time when international dialogue on Internet governance has been impacted by recent revelations. He also elaborated the role done by the Permanent Monitoring Panel on Information Security, World Federation of Scientists in contributing to the various causes and programs of Internet governance.

Ms. Noelle de Guzman, Regional Programmes Coordinator, Asia-Pacific Bureau, Internet Society elaborated on the role being done by Internet Society towards furthering the cause of Internet governance. He further elaborated on various programs and initiatives that have been done in Asia-Pacific by Internet Society for the purposes of further promoting Internet governance.

Dr. Anja Kovacs, Researcher and Activist, and Director of the Internet Democracy, shared with the audience the civil society perspectives of what civil society perceives of Internet governance and how all stakeholders including civil society can contribute in making Internet governance models far more robust and resilient.

Session-V was on International impact and relevance of Digital India, Digital Agenda and its Digital Policies.

This Session was chaired by Hon’ble Mr. Justice Anil Kumar, Chairman ATFP & PMLA, (Former Judge Delhi High Court). Justi Hon’ble Mr. Justice Anil Kumar spoke about the advent of technology and how technology is begun to change the face of India and why there is a need for coming up with enabling digital policies which are in sync with the requirements of the times. The said session was addressed by numerous speakers.

Mr. Umang Das, Chairman ASSOCHAM E-governance And Digital Council; Director General, Towers and Infrastructure Providers Association (TAIPA), Chief Mentor, Viom Networks Ltd stated that India’s evolution as a digital power envisages that all stakeholders including the corporate sector needs to contribute in this direction. He also elaborated the role done by the corporate sector in enhancing cyber security in India and also highlighted the role done by industry associations like ASSOCHAM in creating more awareness about Digital India program and Digital Agenda and its policies.
Mr. Pradeep Gupta, Chairman & Managing Director, CyberMedia elaborated on the various nice initiatives that have already been taken by the Government so as to promote the cause of Digital India. However, he further elaborated on various challenges that need to be kept in mind by the Government so as to learn from the learnings of past events and ensure that the right moves towards making India into the digital economy are not met with roadblock.

Pavan Duggal, Advocate, Supreme Court of India and President, Cyberlaws.Net elaborated on the Digital India program of the Government of India and its resolve to transform India into a knowledge economy and society by 2018. However, he pointed out that there are various roadblocks and potential obstacles that need to be appropriately addressed in order to make the said march of Digital India far more effective. He further elaborated that various steps need to be taken by Government of India so as to effectively provide an enabling legal framework for promoting Digital India. He stated that Digital India Project promises to transform India into the digitized empowered and knowledge economy. The project aims to provide thrust to nine pillars identified as growth areas. These include broadband highways, everywhere mobile connectivity, Public Internet Access programme, e-governance, ekranti (which aims to give electronic delivery of services), information for all, electronics manufacturing, IT for jobs and early harvest programmes. Further, he underlined that the Digital India project is likely to help India transform itself in the 21st century by utilizing the massive penetration of mobiles and smart phones in the country. This is the time that the practical nuances of the project need to be appropriately addressed. This is all the more so as the existing law being the Information Technology Act, 2000 is not adequate to support the legal frameworks required for transforming Digital India. At the end of the day, the common man in India who knows how to press a button and put his thumb impression, is already impacted by technology. However, he is not being adequately protected by the legal regime in the country. Further he elaborated that distinct legal framework to be put in place so as to support the Digital India program of the Indian Government. He also touched the legal issues concerning cloud computing need to be appropriately addressed. Electronic authentication on the cloud needs to be provided with more substantial teeth, while coming up with enablingm supporting legal frameworks in this regard. The law needs to be substantially beefed up so as to provide for more detailed provisions for protection and preservation of cyber security and India's sovereign interests in cyberspace. He concluded that the overall Cyberlaw, Cybercrime and Cyber Security are important components which need to be appropriately addressed by the Indian nation as it marches forward in the direction of becoming a knowledge economy and superlative model of participative governance. He concluded that these issues which require detailed thought processes and inputs.

Session-VI was on Net Neutrality And Its Challenges

This Session talked about the significance of net neutrality in today's scenario, the current stage of net neutrality and what challenges face by the world in this regard. The said session was chaired by Mr. Pendl Klaus Alexander, ICT Counsellor at the Delegation of the European Union to Indi. He elaborated on the work done in European Union pertaining to net neutrality. Ms. Noelle Francesca De Guzman, Regional Programmes
Coordinator, Asia-Pacific, Internet Society (ISOC) elaborated on the various policy challenges that the concept of net neutrality poises in the context of the world and specifically, in the context of Asia-Pacific. She further elaborated on the various projects currently being done by ISOC Asia-Pacific in the direction of promoting the cause of net neutrality.

Mr. Ram Narain, Deputy Director General (International Relations), Department of Telecommunications (DoT), Ministry of Communications & Information Technology, Government of India elaborated on Government of India’s position on net neutrality and the contribution made by the Department of Telecommunications (DoT), Ministry of Communications & Information Technology, Government of India in various international initiatives pertaining to net neutrality. Mr. Prabir Purkayastha, Knowledge Commons elaborated the practical challenges that seen in the implementation of the net neutrality by civil society. He also elaborated the practical legal issues and problems which are created while implementing the net neutrality.

Ms. Tulika Pandey, Director, Department of Information Technology, Ministry of Communications & Information Technology, Government of India elaborated on the current international trends pertaining to net neutrality and how the practical challenges being poised by any neutrality to be appropriately addressed by a holistic approach.

**Session-VII was on Mobile Commerce & Cyberlaw**

The parallel session on Mobile Commerce & Cyberlaw talked about the increasing significance of mobile commerce and connected cyber legal issues in that regard.

This Session was chaired by Mr. Probir Roy, Co-Founder and Board Director, Paymate, who elaborated on the current state of mobile commerce in India and the need for appropriate enabling legal frameworks which can further help promote the growth of m-commerce.

Mr. Ashish Chandra, General Counsel, Snapdeal share the practical challenges of Snapdeal while doing its m-commerce activities and elaborated on the need for far more enabling legal frameworks to promote m-commerce.

Mr. Vijay Sethi, Vice-President, Information Systems, Hero MotoCorp Limited talked about various initiatives being done by FMCG companies in India in the context of mobile commerce. He further elaborated on the scope of mobile commerce in India and why it has to further grow given the massive adoption of communication devices by Indians.

Mr. K P Singh, IRS, Commissioner Customs, Service Tax and Safeguard Duty talked about the taxation aspects pertaining to mobile commerce and the grey areas in this regard. He also gave some practical examples.

Mr. G. S. Hegde, Legal Consultant, Reserve Bank of India talked about the legal approaches adopted in India by the Reserve Bank of India (RBI) to promote the cause of m-commerce.
He further elaborated on various steps being taken by banks under the direction of Reserve Bank of India (RBI) to provide enablement for mobile payments and also for online payments which can help ultimately for mobile commerce to grow.

Mr. Tilak Raj Dua, Executive Director, Tower and Infrastructure Providers Association (TAIPA) elaborated on the role of infrastructure development service providers including tower and infrastructure providers in creating the technical frameworks and networks on the basis of which m-commerce takes place. He elaborated the need for far more infrastructure development in India for m-commerce to grow. He also underlined the need for cyber legal regime to be in place which can further promote the growth of m-commerce.

**Session-VIII was on Convention of Cybercrime of the Council of Europe – Contribution in Combating Cybercrimes**

The parallel session on Convention of Cybercrime of the Council of Europe – Contribution in Combating Cybercrimes talked about the role of Convention on Cybercrime of the Council of Europe in its effective combating cybercrimes. The Convention on Cybercrime of the Council of Europe is one of the earliest successful international arrangements working in the direction of regulating cybercrime.

This Session was chaired by Mr. Timotheus Tammo Talentu Kansil, Head of Department for International Co-Operation, National Police, the Netherlands.

Ms. Claire Gayrel, Researcher at University of Namur, Belgium elaborated on the scope and ambit of the Convention on Cybercrime of the Council of Europe. She further elaborated on the role of the Convention on Cybercrime of the Council of Europe for regulating cybercrime. She gave the practical instances of various successes and advancements in the area of the said Convention and operation.

Mr. Eirik TRØNNES HANSEN, Prosecutor, Kripos, member of the T-CY Bureau elaborated on the role of the Council of Europe in taking its thought leadership for cybercrime regulation. He also elaborated the practical working of the Convention on Cybercrime of the Council of Europe in different nations including in Scandinavia and further updated the new work currently being done in the T-CY Bureau at the Council of Europe.

Mr. Jarvis Matiya, Head, Justice Section, Rule of Law Division, The Commonwealth Secretariat complimented the significance of Convention on Cybercrime of the Council of Europe and further highlighted some of the work being done in different Commonwealth jurisdictions inspired by the said Convention which has led to the national initiatives to deal with cybercrime.

**Session-IX was on Heartbleed, ransomware, newly emerging cybercrimes**
The parallel session on Heartbleed, ransomware, newly emerging cybercrimes saw the discoverer of Heartbleed virus and also witness of very elaborate presentations and thereafter followed by very detailed discussions on emerging cybercrimes and also on ransomware.

This Session was chaired by Ms. Surabhi Agarwal, Special Correspondent, Business Standard.

Mr. Antti Karjalainen, Test Tool Developer, Codenomicon Limited, the person who discovered the Heartbleed vulnerability in 2014, addressed the said Session. He elaborated the technical details of how the said Heartbleed virus was discovered and what was the procedure and methodologies adopted in the discovery of the said Heartbleed virus. He also elaborated on newly emerging kind of malware and spyware that are beginning to emerge.

Mr. Sidharth Mutreja, McAfee, dealt with the work done by McAfee in detecting newly emerging computer virii and cybercrimes. He also elaborated on the various projections done by McAfee in this direction.

Dr. Aprajita Bhatt, Assistant Professor, National Law University, Delhi, India elaborated the legal position pertaining to regulation of cybercrime at a global level and also in India through the Information Technology Act, 2000.

Mr. David Aylor, Attorney, David Aylor Law Offices, United States of America (USA) dealt with how newly emerging cybercrimes are being dealt with by the law enforcement agencies in the United States of America.

Session-X was on Technology, Free Speech & Cyberlaw

The parallel session on Technology, Free Speech & Cyberlaw dwelt upon the aspect of impact of technology and free speech and the need for appropriate regulation.

This Session was chaired by Prof. Ashwini Kumar Bansal, Head and Dean, Faculty of Law, University of Delhi. During his address, Prof. Bansal talked about the constitutional basis for protection of free speech in the actual world and how the same rules can be equally applied in the context of online free speech. Dr. Arun Mohan, Senior Advocate, Supreme Court of India dealt with the how technology can be used to further promote the cause of free speech. He also elaborated the need for appropriate and enabling cyber laws so that the free speech right of netizens using the latest technological developments is appropriately protected.

Mr. Babu Ram Aryal, Internet Society, Nepal talked about the position in Nepal and in other developing countries in terms of free speech and Cyberlaw. The said session was thereafter followed by interactive panel discussion amongst the panelists who talked about the challenges faced in the current world towards the free speech by various legal regimes and how there is a need for balancing both the sovereign interests of nations on the one hand and rights of free speech of individual netizens on the other.
**Session-XI** was on *Cyber Warfare, Cyberlaw & International Humanitarian Law*

The parallel session on Cyber Warfare, Cyberlaw & International Humanitarian Law talked about the emerging jurisprudence pertaining to applying the international humanitarian law in the context of cyber warfare.

This Session was moderated by Mr. David Tait, Legal Researcher, Rule of Law Division, Commonwealth Secretariat.

Mr. Laurent Gisel, Legal Adviser, International Committee of the Red Cross (ICRC) talked about the work done by ICRC in the direction of applying of international humanitarian law to cyber warfare.

Prof. (Dr.) Manoj Kumar Sinha, Director, Indian Law Institute, New Delhi, India examined the legal framework for international humanitarian law and further advocated the need for not reinventing the wheel and further the need for applying of the international humanitarian law to cyber warfare. Ms. Supriya Rao, Legal Adviser, International Committee of the Red Cross further gave her inputs on how in very specific circumstances international humanitarian law could be made applicable to cyber warfare and how there was a need for appropriately amending cyber legal regimes of the world, so that international humanitarian law therein could be coded for the purposes of being made applicable in the context of cyber warfare activities.

Commodore A. Anand, Additional Director General, Weapons And Electronics Systems Estb (WESEE) of the Indian Navy elaborated on the defence perspective on the applicability of international humanitarian law and Cyberlaw on cyber warfare related issues.

Mr. Manish Gokani, Specialized in Human Interface Design and Computer Networking talked about the technical aspects of application of cyber legal provisions to cyber warfare and cybercrime activities.

Mr. Manish Tiwari, Chief Security Advisor, Microsoft India talked about the private sector perspective on cyber warfare activities and further encourage the need for coming up with appropriate application of international humanitarian law principles and cyber legal principles to cyber warfare activities.

Mr. Saikat Dutta, Editor (National Security), Hindustan Times, India elaborated on the media perspective of cyber warfare. He also shared various examples of cyber warfare activities and how in such activities, cyber legal principles and international cemented law could be made applicable in such a scenario.

**Session-XII** was on *Liability Of Service Providers In Cyberspace*

The parallel session on Liability of Service Providers in Cyberspace provided a very detailed platform on how the intermediaries can protect themselves from potential liability for third party data or information made available by them.
This Session was chaired by Justice Rajesh Tandon, Member, Uttarakhand Human Rights Commission & Former Presiding Officer, Cyber Appellate Tribunal. Addressing the session, Justice Rajesh Tandon, Member, Uttarakhand Human Rights Commission & Former Presiding Officer, Cyber Appellate Tribunal elaborated on the approach taken by the Cyber Appellate Tribunal on the issue of liability of service providers and further elucidated various instances where liability of service providers in cyberspace was upheld.

Mr. Rajan S Mathews, Director General, Cellular Operators Association of India examined the perspective of liability of service providers in cyberspace from the context of telecom service providers. He advocated the idea that the telecom service providers cannot and should not be made liable for all kinds of liabilities and that there needs to be a rationale in the liability of telecom service providers.

Mr. Arijit Bhattacharya, Founder & CEO, Virtual Infocomm elaborated on the aspect of liability of service provider in the gaming sector and how different activities done by gaming sector service providers in cyberspace could attract appropriate liability.

Mr. Sandeep Sudan, Country Director, Pinkerton examined the role of service providers in the FMCG and other spaces in cyberspace and how they could be made liable. He further discussed and elaborated the provisions of legal frameworks which could be made applicable to service providers.

Session-XIII was on Social Media and Cyberlaw

The parallel session on Social Media and Cyberlaw elaborated on what is the impact of social media upon the day-to-day lives and how legal aspects in this regard have to be appropriately taken into consideration.

This Session was chaired Mr. Alok Vijayant, Director, Information Dominance Group, National Technical Research Organization (NTRO). Mr. Alok Vijayant elaborated on the various instances of misuses of social media by different actors and why there was a need for appropriately regulating the same for legal provisions. Mrs. Kusum Duggal, Eminent Educationalist, Former Principal of Delhi Public School elaborated the educationists’ viewpoint. She underlined the fact that today in educational institutions, social media is continuing to be abused with impunity and children invariably do not have any inclinations of the practical legal consequences that would be followed them in the event of misuse of social media. She also elaborated various instances where misuse of social media had legal ramifications in various schools and colleges.

Mr. Rakshit Tandon, Advisor, Cyber Crime Unit, Uttar Pradesh Police, Agra elaborated on the misuse of social media that has been reported to the police. He further examined how the said misuse of social media was being investigated by the police and the law enforcement agencies.
Mr. Harjinder Lallie, University of Warwick elaborated on the misuse of social media in the context of UK. He also elaborated the international perspectives of how social media is by and large being misused by youngsters without understanding the ramifications of their activities and re-emphasized the connection between social media and Cyberlaw.

Saakshar Duggal, Coordinator, Centre Against Cyber Bullying brought on the table completely new perspectives. Given his work in the fight against cyber bullying, Saakshar Duggal shared with the audience, various instances of how cyber bullying has become the number-one challenge in educational institutions in India. He further stated that with the advent of mobile phones and smart phones, cyber bullying has now reached the children of the age of five and seven. He further elaborated on the work being done by him at Centre Against Cyber Bullying in terms of creating more awareness amongst the students to fight the menace of cyber bullying.

**Session-XIV** was on Role of INTERPOL and International coalitions in evolution of Cyberlaw jurisprudence

The parallel session on Role of INTERPOL and International coalitions in evolution of Cyberlaw jurisprudence explored the issue area of globalization of law enforcement authorities against cyber crimes and the various roles of must be taken by the INTERPOL in national level.

This Session was chaired by Dr. Henning Wegener, Chairman, Permanent Monitoring Panel on Information Security, World Federation of Scientists, Geneva, Switzerland. He elaborated multi facets of cybercrime across the world and the legal and policy issues pertaining to combating these issues and all the practical lacunas facing by the international legal stakeholders and law enforcement agencies.

Mr. David Tait, Legal Researcher, Rule of Law Division, Commonwealth Secretariat looked at role of INTERPOL in the Commonwealth. He elaborated on how INTERPOL and international coalitions have collaborated in the evolution of Cyberlaw jurisprudence.

Ms. Bindu Sharma, Asia Pacific Policy Director, International Centre for Missing & Exploited Children, Singapore talked in her message about the issues of child sexual abuse webcam, sexually abusive images of children, virtual trafficking and sexual abuse. Further, she underlined about the child rights on the internet ecosystem, online commercial child pornography and online crimes against children. She further suggested for online safety and protection of exploited and missing children worldwide.

Mr. Amit Sharma, Additional Director, Scientific Advisor of Defence Minister, Defence Research and Development Organization (D.R.D.O), Ministry of Defence, Government of India elaborated on the practical contributions done by international organizations and coalitions in the evolution of cyber legal jurisprudence and also various jurisdictional issues in cyber ecosystem.
Session-XV was on *Data and Personal Privacy, Location & Cyberlaw*

The parallel session on Data and Personal Privacy, Location & Cyberlaw talked about the legal, regulatory and jurisdictional challenges pertaining to the misuse of sensitive personal data, information in cyber ecosystem and the need for adopting sound privacy practices, ensuring regulatory and legal compliance, and protecting their competitive advantage.

This Session was chaired by Ms. Surabhi Agarwal, Special Correspondent, Business Standard. She elaborated through various examples of the work reported by her where she has seen constant violation of personal privacy by data and location by different entities.

Mr. Kapil Mehrotra, CIO, Artemis Hospitals elaborated on the practical challenges being faced in the medical sector in terms of dealing with sensitive personal data or information.

Mr. Prakash Kumar, Chief Executive Officer, Goods and Services Tax Network (GSTN), elaborated on the practical challenges of dealing with data and its impact on personal privacy and location in the context of cyber legal regimes.

Mr. Ashutosh Kar, Managing Director, Cyber & Communication Intelligence business in India & ME, Verint talked about the role of technology in collecting data and location and how data and location though impacting personal privacy also has its own significance in the context of surveillance mechanisms to be adopted by some countries.

Mr. Ilam Chand Kamboj, Asso.V.P., Legal & Company Secretary, Hero MotoCorp Limited taled about the role of data in corporate sector and the kind of legal mechanisms that are adopted by companies so as to protect the said data and also comply with the provisions of Information Technology Act, 2000 and rules and regulations made thereunder.

Mr. Rajshekhar Murthy, Director, Non-Profit Foundation, ISAC & Founder, Malcon talked about the hackers perspective on data and how hackers increasingly are now targeting data and personal privacy as also location.

Session-XVI was on *Cyber Ecosystem Services & Connected Ramifications*

The parallel session on Cyber Ecosystem Services & Connected Ramifications elaborated on what is the impact of various cyber legal challenges upon the day-to-day lives and how legal aspects in this regard have to be appropriately taken into consideration.

This Session was chaired by Mr. Probir Roy, Co-Founder and Board Director, Paymate. Mr. Probir Roy elaborated on the significance of cyber ecosystem services and the various legal ramifications connected therewith.

Professor Pauline Reich, Director, Asia-Pacific Cyberlaw, Cybercrime and Internet Security Institute, Tokyo, Japan talked about international perspective of cyber legal regimes in the context of regulation of activities in cyber ecosystem and connected services.
Ms. Laurel G. Bellows, Past President, American Bar Association, the Bellows Law Group, P.C., United States of America (USA) in her message stated that BYOD is a threat to data security. She drew attention to various legal challenges concerning cloud computing, unsafe Wi-Fi, unsecured network, threat to IPR. She further stressed upon cloud storage and dangerous consequences pertaining to privacy and confidential information. She emphasized on risk and risk assessment about BYOD security breaches and need for an utmost concern of data protection else it will be a nightmare we never think before. However, at the end, she further mooted about the need for coming up with a BYOD policy for better protection of data breaches.

Mr. Rajeev Seoni, CIO, Ernst & elaborated on the practical challenges being seen in cyber ecosystem services delivery mechanisms by various companies and how the same are being addressed.

Dr. Sumit D. Chaudhary, President, Enterprise Business of Reliance Jio, India elaborated on the practical challenges in providing cyber ecosystem services and the kind of legal exposures that the said delivery of activities entails.

Dr. Ashwani Mehta, Senior Cardiologist, Sir Gangaram Hospital, New Delhi, India elaborated on the ramifications while delivering medical services in cyber ecosystem and the practical problems faced by hospitals and doctors when dealing with medical data.

Mr. Anand Mahendroo, Film Producer, India talked about the practical problems of releasing films on the Internet and the menace of Internet piracy that the film producers face. He further elaborated of how there was massive privacy using which torrents which ultimately had an impact on the collections of the films.

Session-XVII was on Cloud Computing, BYOD & Cyberlaw

The parallel session Cloud Computing, BYOD & Cyberlaw looked at the various legal issues impacting cloud and BYOD.

This Session was chaired by Mr. Ibrahim Ahmad, Group Editor, CyberMedia. He talked about the prevalence of cloud computing and BYOD in the corporate sector and the various challenges that are beginning to emerge in this regard.

Mr. Veer Sagar, Consultant And Advisor, India talked about the practical challenges in Bringing Your Own Devices to office and the practical experiences in this regard being experienced by Indian stakeholders

Mr. Shantanu Chakraborty, Vice President, Fraud Control & Customer Insights (Training & Monitoring), GE Capital, India elaborated on the legal challenges of cloud computing in the corporate sector.
Mr. Kinshuk De, Business Operations, Enterprise Security Risk Management, Tata Consultancy Services Limited (TCS), India talked about the current state of practices being followed by corporate in India while dealing with complicated nuances of cloud computing and BYOD.

Mr. Sachin Gupta, CIO, Times Group, India talked about the practical experience in the media industry while dealing with cloud computing and BYOD issues.

Mr. Deepak Gupta, Executive Director & India Leader – Legal, PricewaterhouseCoopers (PwC), India through various case studies elaborated the practical legal challenges being faced while dealing with cloud computing and BYOD in India.

**Valedictory Session**

The Valedictory Session of the Conference was addressed by Dr. Arvind Gupta, Deputy National Security Advisor, Government of India. Dr. Gupta elaborated on the role being undertaken by the National Security Adviser's office in protecting and preserving cyber security of India. Dr. Gupta elaborated on the need for coming up with legal frameworks for protecting cyber security. He further recognized the importance of the said conference and stated that the same should be made an annual event so that the deliberations thereof can inform the policy-making of the Government.

He further mooted the idea of creation of *India Cybercrime Centre* as a one point nodal Centre for collating the jurisprudence on cybercrime and for assisting all stakeholders in this regard. Dr. Gupta had duly encouraged people to contribute to the national thought process on protecting and preserving cyber security. He further stated that the Government would be really looking forward to the roadmap ahead to be framed by the International Conference on #Cyberlaw, #Cybercrime & #Cyber Security which would then inform the further decisions of the Government.

Hon’ble Mr. Justice Madan B Lokur, Judge, Supreme Court of India while addressing the valedictory session complimented the conference for its remarkable contribution. Justice Lokur reiterated that he had inaugurated the International Conference on #Cyberlaw and #Cybercrime in March, 2014 which led to substantial discussions. He stated that the advent of technology was so quick and vast that technology trends were getting obsolete with each passing week. Justice Lokur talked about need for law to be constantly updated. He pointed out that what is new and topical in one month gets stay the next month and that due to the massive advances of technology, there is a need that legal frameworks must also appropriately match up with increased speed of technology. He recognized the contribution made by the Conference and further said that the roadmap of the Conference would be extremely relevant going forward in terms of informing the activities and decisions by relevant stakeholders. He complimented the contribution of International Conference on #Cyberlaw, #Cybercrime & #Cyber Security and further the fact that India had taken the thought leadership in this direction by coming up with such a monumental Conference discussing wide variety and ambit of scope of subjects. He complimented the Conference...
Director Mr. Pavan Duggal for his thought leadership and also for his remarkable work being done in the area of Cyberlaw jurisprudence.

The Conference ended with Vote of Thanks.

Supporters of the Conference:
The Maharaja Sayajirao University of Baroda

Indira Gandhi Delhi Technical University for Women (IGDTUW)

The Indian Society of International Law

International Centre for Information Systems and Audit (iCISA)