



COAI

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I-DIGEST

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News for you,
information that matters



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LT. GEN DR. SP KOCHHAR (RETD.)
Director General, COAI

From DG's Desk

With the estimation of 5G technology contributing nearly \$450 bn to the nation's economy during the next seven years, there remains no doubts on how crucial telecom sector is in terms of nation's growth. The recommendations from TRAI on the Consultation on 5G spectrum is expected shortly and we wish that the recommendations are in line with the industry demands. The Regulator needs to review the 5G spectrum pricing so as it to make it affordable for the industry and in turn for the consumers.

The Government, Regulator and the industry has also realized how important small cells are for the deployment of 5G in the country to enhance the communication network. COAI is working closely with both the Government and the Regulator on this aspect. Along with TRAI COAI is conducting Pilots at various locations including port, airport, metro rails and a smart city to check the viability and effectiveness of small cells & it's roles in 5G technology. TEC has also issued a report on small cells to facilitate a standard approach for proliferation of denser small cell infrastructure in the country.

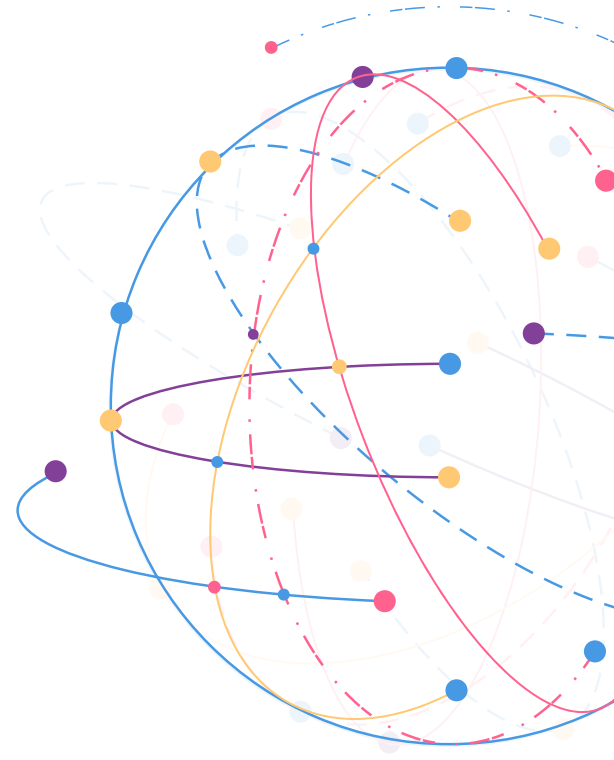
Another issue on which COAI is very closely working with DoT is making the general public aware of mobile towers & bursting the myths around. DoT has been organising webinars on "EMF Emissions & telecom towers" in various parts of the country. This will surely help people to stay correctly informed about telecom towers & their consequences which in turn will create awareness. These webinars become more essential as telecom industry is an important factor of socio-economic development of the nation.

As world is shifting to the pre covid times, we hope that this brings more opportunities for the industry to grow & touch new heights recovering from the losses of past two years.



COAI

Latest Updates:



Blocking of websites

DoT has issued a letter on 11th Mar 2022 vide which all the ISPs have been instructed to take immediate necessary action for compliance of the Court order dated 03rd March 2022 with respect to infringing websites bearing the keyword "Dabur".

COAI has submitted a letter to DoT on 23rd March 2022, stating that TSPs/ISPs, as an intermediary, could not be the deciding authority to identify the veracity of the content. TSPs/ISPs can block the prescribed websites only as per the direction received from the competent authority.

Copyright infringement- Court matter

DoT has sought inputs from all the ISPs regarding "possibility of issuing a warning to the viewers of the infringing content, if technologically feasible in the form of e-mails, or pop-ups or such other modes cautioning the viewers to cease viewing/downloading the infringing material" vide letter dated 11th March 2022.

COAI has submitted a letter to DoT on 22nd March 2022, stating that presently our member operators are able to display the warning in blocking messages for "http" websites / URLs only, and the same could not be possible for the "https" websites / URLs due to the technological limitations.

Temporary suspension of internet services due to law-and-order situation

Government of West Bengal, Home and Hill Affairs Department issued an order on 3rd March 2022, vide which all the TSPs have been directed to temporarily suspend the internet services for eight (8) days, in selected blocks of Districts.

COAI has submitted a letter to DoT and MHA on 9th March 2022 and 11th March 2022 respectively requesting to issue necessary guidelines to the State Government to avoid issuing instructions for internet shutdown for frivolous reasons.

Pilots for use of Street Furniture for deployment of Small Cell and Aerial Fiber

TRAI has issued a press release on 22nd March 2022, regarding the commencement of pilot study at Delhi International Airport for Next Generation Telecom Infrastructure deployment using Street Furniture. Similar Pilots are also being initiated by TRAI one each at a port, metro rail and smart city. For the same Kandla Port in Gujarat, Bengaluru Metro Rail Corporation and Bhopal Smart City have been selected as pilot locations. The first kick-off meeting was also conducted at GMR office, Delhi on 21st March 2022. Subsequently, second meeting was also held at GMR office on 28th Mar 2022.

Similar kick-off meeting was also held at BSCDCL office, Bhopal on 29th March 2022.

TRAI issues Consultation Paper on "Use of street furniture for small cell and aerial fiber deployment."

TRAI had issued a Consultation Paper on "Use of street furniture for small cell and aerial fiber deployment" on 23rd March 2022. Last date of submission of comments is 20th April 2022 and counter comments on 4th May 2022.

TRAI issues Consultation Paper on "Rating of Buildings or Areas for Digital Connectivity"

TRAI had issued a Consultation Paper on "Rating of Buildings or Areas for Digital Connectivity" on 25th March 2022. Last date of submission of comments is 04th May 2022 and counter comments on 18th May 2022.

Joint Industry letter on "Parameters for Internet Protocol Detail Record (IPDR) and SYS LOG of Network Address Translation (NAT)"

DoT has issued a guideline on 16th Nov, 2021 for storage for 'Parameters for Internet Protocol Detail Record (IPDR) and SYS LOG of Network Address Translation (NAT)'.

As per this guideline the **Destination IP Address/Port for Public IP Addresses (both IPv4 and IPv6) has been made mandatory in IPDR, which is practically infeasible to implement in today's networks owing to technical challenges associated with it.**

In this regard, a Joint industry letter (COAI, ACTO and ISPAI) has submitted on 29th Mar 2022 to DoT vide which we have requested DoT to put this guideline/requirement in abeyance and hold an Industry discussion for revision of any CDR format.

Proposal for Modifications in the Monthly Wireless Data Usage Report-incorporating additional State/UT wise input formats

COAI has submitted a letter to TRAI on 24th March 2022 requesting the authority that due to complexities and the system constraints, it is not feasible for our member TSPs to provide the State level details on fields/parameters in the monthly Wireless Data Usage report.

Telecommunication Tariff (Sixty Sixth Amendment) Order, 2022 (1of 2022)

TRAI had issued the Telecommunication Tariff (Sixty Sixth Amendment) Order, 2022 (1of 2022) on 27th Jan 2022. Vide this amendment, it was stated that-

- a) Every Telecom Service Provider shall offer at least one Plan Voucher, one Special Tariff Voucher and one Combo Voucher having a validity of thirty days.
- b) Every Telecom Service Provider shall offer at least one Plan Voucher, one Special Tariff Voucher and one Combo Voucher which shall be renewable on the same date of every month.

The order shall come into force within 60 days from the date of publication in official Gazette i.e., 27th Jan 2022.

COAI has submitted a letter to TRAI on 15th March 2022 seeking clarity on same day recharge vouchers and extension of timelines for some of our members to implement the said order.

Instructions for issuing new mobile connections in case of bulk mobile connections category

COAI submitted a letter to DoT on 4th March, 2022 on the subject wherein COAI requested DoT to kindly extend the timelines for updating end user details for bulk connections by 6 months and exempt the requirement of end user list for Govt. offices & Government of India undertakings, as done in case of LEAs, Defence Forces and CAPFs.

Further, basis COAI submission, DoT asked the industry to provide proper justification for exempting end user list requirement for govt. departments as the scenario with security agencies is altogether different. Moreover, COAI submitted a reminder letter to DoT on 23rd March, 2022 requesting again that an additional time period of 6 months should be provided to the TSPs to complete this activity as collation of end user details from Authorized Signatories / companies due to remote or hybrid working scenario is time consuming & challenging.

LBS implementation in Handsets

COAI made a submission to DoT on 4th March, 2022 informing that when LBS is sending request to some handsets for fetching the location through traditional way of LBS services in telecommunication (i.e., Location Positioning Protocol)", a pop-up with message "Your Carrier is trying to access your location info. Share location info with the carrier?" is being shown by some handsets prompting the users to either allow/disallow the location information requested by the carrier.

Hence, COAI requested DoT for issuance of immediate orders to concerned handset manufacturers to disable the pop-up feature and to the relevant agencies for framing the guidelines/instructions for handset ecosystem.

ILAC Report Relaxation for products under MTCTE Phase III and Phase IV

COAI made a submission to DoT on 22nd March, 2022, on the matter.

COAI requested DoT to instruct TEC to remove Annexure 2 from MTCTE Notification dated 31st January, 2022, and allow ILAC reports relaxation for TR parameters across all products under Phases III & IV until 30th June, 2024.

Request for Extension of Timeline for Responding to the TRAI Consultation Paper on "Promoting Networking and Telecom Equipment Manufacturing in India":

TRAI issued a consultation paper on the subject on 11th February, 2022, to submit comments till 11th March, 2022. COAI requested TRAI for an extension of four weeks i.e., till 8th April, 2022, to submit comments. COAI's request was accepted and TRAI granted an extension of three weeks till 1st April, 2022, on the same. Draft response has been circulated to members and will be submitted to TRAI on 1st April, 2022.

Pre-meeting held with Sr. DDG UP LSA on 23.03.22

Meeting was chaired by Sr. DDG (UP LSA), Director Rural, TSP and IP members, COAI. The following issues were discussed:

- a) Implementation challenges of UP RoW Policy and to make it binding by all concerned MCs/Departments.
- b) Speedy processing of RoW Application
- c) Speedy grant of permissions on Online Portal
- d) Restoration Charges: Implementation of Rs 1 per meter Restoration cost across UP
- e) Stop Sealing of Sites
- f) Remove location restrictions
- g) UP RoW Policy to have Provision for Use of Street Furniture and Aerial OFC
- h) Provide Police protection for Telecom Infra.

Meeting held with Principal Secretary IT, HP on 23.03.22

The meeting was chaired by Shri Rajneesh, IAS (PS, IT). Other participants were Director (IT), HP LSA and COAI. The following issues were discussed:

- a) To provide network coverage in Uncovered villages
- b) HP RoW Policy to have provision for Deemed Approval, Street Furniture & Aerial OFC
- c) Speedy grant of permissions
- d) Restoration Charges: COAI requested PS to provide a Self-restoration option to Telco's

PWD, Delhi committee for the deployment of Telecom Infrastructure on Street Furniture on 09.03.22

An industry meeting was held with Ms Shashi Kaushal, Special Secretary, PWD on the issue of the use of the existing Power/Street infrastructure for the roll-out of Telecom infrastructure.

RoW Portal of Nagaland

An industry trial session for the RoW Portal of Nagaland was arranged on 15.03.2022. Members from the Industry joined the session to have hands on with the application process.

COAI submission to Secretary Telecom to takeup the issue with Chief Secretary of Bihar for issuance of necessary directions

A letter was submitted to Secretary (Telecom) on 28th March 2022 for his support to take-up the issue with the Chief Secretary of Bihar to issue necessary directions to the DGP of Bihar regarding the Illegal threat of mass disruption of Telecom Towers by Various Unions of Guards & Care Takers in Bihar post reduction in diesel allotment owing to better Electricity supply in the State of Bihar.

Meeting of the 1st Task Force, Punjab held on 21st March 2022

A meeting was chaired by Shri Sibin C, IAS Secretary-cum-Director, Industries & Commerce, Punjab for the utilization of State Infrastructure, Street furniture and Aerial Fiberisation for the deployment of 5G. The following issues were discussed:

- a) Clarification was sought on the annual charges prescribed in the initial draft notification. Director (I&C) confirmed Rs 300 and Rs 150 annual charges are applicable for the small cells and not for aerial fibre
- b) Regarding one time compensation, COAI highlighted in case of Aerial fiber deployment is established on any immovable property only onetime compensation should be applicable as per the Indian Telegraph Right of Way (Amendments) Rules, 2021 and there should be no other annual charges
- c) COAI requested to reduce the Permission timelines from 60 days to 15 days for faster approval

d) COAI highlighted that there shouldn't be any restrictions on the number of poles. It should be based on the requirement in a particular geography

e) Regarding Small Cell Deployment, existing electric poles or street light poles can be used for the establishment of any Digital Infrastructure and not be restricted to 5G only, it should be technology agnostic.

State Broadband Committee meeting of Delhi held on 28.03.2022

The 3rd SBC meeting of Delhi was held under the chairmanship of the Chief Secretary on 28 Mar 2022. The following issues were discussed during the meeting:

a) Alignment of Delhi NCT RoW policy with Indian Telegraph Right of Way rules, 2016 (RoW Rules-2016) notified by Central Government. ACS (UD) intimated that the draft policy prepared by GNCTD is under examination by Law Department

b) SDMC and North DMC have revised charges of permissions for Cell towers vide Circulars dated 05.01.2021 & 21.01.2021 respectively and are not aligned to RoW Rules 2016

c) CS directed that all other MCDs should also start utilizing the portal within 15 days as a single-window portal

d) PWD will share a list of PWD sites for the Utilization of Street poles and other infrastructure for tower and overhead OFC. CS informed that the meeting by this committee by PWD will facilitate the architecture that can be used Utilization of Street poles and other infrastructure for tower and overhead OFC

e) CS directed Secretary (IT) to issue a letter to the Police department for the safety and security of already approved telecom infrastructure

f) CS directed Delhi LSA to intervene and engage both parties i.e., applicants and Delhi Airport Authority for installation of IBS and issue of exorbitant charges

State Broadband Committee meeting of Uttar Pradesh held on 28.03.2022

SBC meeting was held under the chairmanship of the Chief Secretary on 28th March 2022 and the following points were discussed during the meeting:

a) COAI requested for Implementation of Rs 1 per meter Restoration cost across UP. And highlighted that the Self-Restoration option should be provided to TSPs/IP

b) COAI requested to constitute a Task Force as done by **the states of Punjab and Himachal Pradesh for the utilization of Street Furniture (EB Poles, Street Lights, Bus**

the states of Punjab and Himachal Pradesh for the utilization of Street Furniture (EB Poles, Street Lights, Bus Shelters etc.) and the use of Electric Posts for the installation of 4G/5G Small Cells & Wi-Fi Access Points

c) UP State RoW policy is not honoured by Municipalities and Local Self-Governing Bodies. Municipal Corporations and Development Authorities follow their own bye-laws. Industry requested for an amendment to make it binding by all concerned MCs/Departments

d) Major delays faced in approvals/getting NOC across various MC/Development Authorities across UP state. No movement happening in NOCs applied online, particularly in large development authorities e.g., LDA, KDA, VDA, GDA, GNIDA, etc. Authorities are rejecting the applications as they follow their own bye-laws instead of UPROW policy. Members have to re-apply by paying against Rs. 10000 in UP East

e) Abrupt sealing and/or issuance of the demolition orders by local authorities without any notice. CS directed that from now onwards no towers should be sealed.

f) Noida policy doesn't allow Towers in residential areas. Industry requested that there shouldn't be any location restriction.

State Broadband Committee meeting of Rajasthan held on 28.03.2022

4th SBC meeting of the State of Rajasthan was convened under the chairmanship of Hon'ble Chief Secretary, Govt. of Rajasthan on 28th Mar 2022. The following issues were discussed during the meeting:

a) DoT highlighted BBNL plan to connect the uncovered 2575 Gram Panchayats with OFC by 2023

b) DoT apprised the Committee members that Manhole charges have now been reduced to 1000/ per manhole on the request of COAI (Earlier were 10 % of the DLC rate). COAI also requested that these charges should be retrospective and not be applied from the date of G.O

c) COAI raised the issue of high Pole rent charges in spite of revision in rentals by State. DISCOM (JVVNL) agreed to review the pole rental issue vis-a-vis other states' pole rental charges

d) DoT apprised CS that though the provision of deemed approval exists in RoW policy notified by the State Govt. but it's not being implemented on ground

e) High charges for using the Duct by TSPs/ IPs are being levied by Udaipur city i.e. INR 2153 per Meter per annum. CS instructed that uniform rate should be prescribed in the state

f) Towers are sealed by Govt. on the complaint by the public and currently 40 sites are sealed even after getting proper NOC by Government

g) Considering 5G, COAI requested to constitute a committee to work on the State RoW policy in order to facilitate the use of Street Furniture for the deployment of telecom infrastructure i.e., Small Cells & aerial fibre etc. as done by the State of Punjab and Himachal Pradesh

h) Electricity connection needs to be provided on a priority basis at Industrial rates.

State Broadband Committee meeting of Mizoram held on 29.03.2022

3rd SBC meeting of Mizoram held under the Chairpersonship of Dr Renu Sharma, Chief Secretary (CS), Mizoram on 29.03.2022. The following issues were discussed during the meeting:

a) Mizoram state is developing its own RoW portal. It needs to be integrated with the Central Portal and vice versa through APIs

b) COAI highlighted the RoW permissions pending for the erection of mobile towers. CS instructed to DCs and requested LSAs to facilitate the pending permission

c) Electricity connection needs to be provided on a priority basis at Industrial rates

d) COAI raised concerns regarding the Safety of Telecom Infrastructure

e) Considering 5G, COAI requested to constitute a committee to work on the State RoW policy in order to facilitate the use of Street Furniture for the deployment of telecom infrastructure i.e., Small Cells & aerial fibre etc. as done by the State of Punjab and Himachal Pradesh

f) CS instructed to issue letters to all the District Collectors to convene DLTC meetings on a regular basis

EMF Awareness Webinars

COAI supported EMF Awareness Webinars organised by Kolkata LSA & West Bengal LSA (08-03-2022), Pune Unit of Maharashtra LSA (09-03-2022), Delhi LSA (15-03-2022), Gujarat LSA (22-03-2022), Chhattisgarh (24-03-2022), Mumbai LSA (25-03-2022) and NESA LSA (29-03-2022).

Approx. 10 lakhs of representatives of the IT Department, Police, Students, local municipalities, etc. were engaged via print, electronic, online and digital media to debunk the prevailing myths regarding EMF Emission from Mobile Towers.

A letter to Principal Secretary (IT), Govt. of Maharashtra was written on 25th Mar 2022

Important issues of provision of free 2 MB data to Government Offices, Commercial Rates levied of Regenerative Sites were taken through this letter.

A letter to Commissioner BBMP was written on 25th Mar 2022 raising issues in the new RoW policy notified on 12 Jan 2022

Issue of Portal Readiness, EB connections on Priority and at Industrial Rates, Regular DLTC and STC and other important issues were raised.

COAI submission to Karnataka State Government

A letter was submitted to Shri H M Manjunatha, Member & Acting Chairman, and Karnataka Electricity Regulatory Commission on 02.03.2022 requesting the priority Grid supply on Utility/Industrial/Favourable Tariffs.

2nd State Broadband Committee (SBC) meeting of Puducherry held on 03.03.2022

2nd SBC meeting of Puducherry was held on 03.03.2022. Industry issues raised by COAI are as follows:

- a) Expedite grant of permissions for telecom tower installation and OFC laying
- b) To align the charges prescribed in Puducherry RoW Policy with RoW Rules, 2016
- c) To provide Safety & Security of Telecom Infrastructure across Telecom Infrastructure
- d) To provide priority EB connections at industrial rates
- e) For the implementation of an online single window portal for the RoW application
- f) COAI requested that Fiber be considered as National Asset and compensation for fibre cuts to TSPs to be considered during road expansion or any other reason from the Agencies/Contractor appointed by the local body

Meeting with Sr. DDG, Andhra Pradesh LSA

An industry meeting with Sr. DDG, Andhra Pradesh LSA was held on 11.03.2022 for discussion in regards to RoW pendency.

Custom Duty - Regulations for Vessel Operations in India

In March 2021, Custom authorities had impounded the cable repairing vessel for almost 40 days without any show cause notice operating within the Exclusive Economic Zone (EEZ). Various representations were made to PMO, MoF and to DoT for seeking clarification(s) regarding activities relating to cable repair /installation in Exclusive Economic Zone (EEZ).

MoF has issued the clarification. 60-70% of India's westward see marine cables were down, and we were at high risk to ensure connectivity. This is a big relief to the industry.

Amnesty towards settlement/closure of pre-GST litigations

Representations are being made with few state governments for seeking an amicable resolution to the long pending litigations which are presently pending at various forums viz Appellate authorities, Tribunal, Hon'ble High Court, and Supreme Court. Same would be of mutual benefit to the Revenue as well as the telecom industry. State of Maharashtra have announced amnesty scheme by way of budget announcement.

Creating Synergies for Seamless Credit Flow and Economic Growth- Input for Working Group

A dedicated Working Group was constituted on Industry and IT under the Chairmanship of Special Secretary, Department of Commerce (DoC). The Terms of Reference of the Working Group include the following:

- a) Sharing of information about current/ upcoming capex projects which would require institutional credit
- b) Identifying possibilities of structured finance/ bank credit for funding of projects
- c) Identifying bottlenecks to speedy implementation of projects and initiating steps/ measures to resolve the same
- d) Any other matter related to the above

Detailed representation submitted to DoT.

Telecom Industry to propose new micro definition of AGR

The telecom industry will propose to the government that revenue from payments banks, rental income, and e-commerce operations be excluded from calculations of adjusted gross revenue (AGR). [Read more](#)



Let the market forces decide 5G spectrum pricing: COAI

Lt. Gen Dr S.P. Kochhar, Director General of telecom industry body Cellular Operators Association of India (COAI) shares some of the important aspects of the upcoming technology that has potential to transform industries. [Read more](#)



EMF emissions from mobile tower not harmful to humans: DoT officials

In a webinar organized by the DoT Delhi License Service Area (LSA), Arun Kumar, Deputy- Director General (DDG) and Vijay Prakash, Director, Delhi LSA further addressed that the EMF emissions from a mobile tower are below the safe limits prescribed by International Commission on Non-Ionizing Radiation Protection (ICNIRP) & recommended by WHO. [Read more](#)



Industry flags threat of disruption of telecom services in Bihar

COAI have urged the DoT to help prevent "malpractices of diesel pilferage" in Bihar, alleging that various union leaders have threatened to shut telecom sites in the state which may consequently affect 12,000 telecom towers and lead to network outage. [Read more](#)



COAI, GSMA sign pact to advance mobile telecommunications in India

In a joint statement, the two bodies said they have "come together once again to work and collaborate on areas of mutual interest. COAI and GSMA have signed a memorandum of understanding to advance mobile telecommunications in India. [Read more](#)



COAI Events

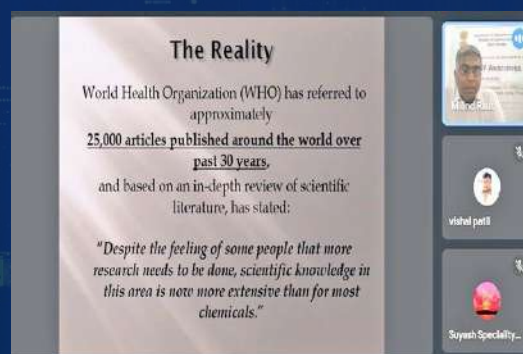
"3rd State Broadband Committee meeting of Puducherry"

COAI thanks the Govt of Puducherry & Puducherry Unit of Tamil Nadu LSA, DoT for organizing the State Broadband Committee meeting on 3/3/22 to make the state digitally advanced. The meeting was helpful to resolve the industry's issue for the speedy roll-out of telecom/digital infrastructure.



"EMF Emissions from Mobile Towers"

Department of Telecommunications (DoT), Maharashtra (LSA) organized an awareness webinar on "Electromagnetic Radiations from Mobile Tower". This session was organized as part of Azadi ka Amrit Mahotsav to make the consumers aware of the growing need for mobile towers as part to build reliable telecom infrastructure and break myths regarding the health effects of EMF exposure from mobile towers.



"TDSAT Seminar on "25 Years of TRAI Act,1997: The Way Forward for Stakeholders"

DG COAI, Dr. Lt. S. P. Kochhar delivered his address on the Telecom sector at the TDSAT Seminar on "25 Years of TRAI Act,1997: The Way Forward for Stakeholders (Telecom, Broadcasting, IT, AERA & Aadhaar)". The event was graced by the Hon'ble Minister, Ministry of Electronics & IT, Ministry of Railways, Department of Telecommunications India, and Mr. Ashwini Vaishnaw , Minister of Railways.



"EMF Emissions from Mobile Towers "

Department of Telecommunications (DoT), Delhi License Service Area (LSA) organized an awareness webinar on "Electromagnetic Radiations from Mobile Tower". This session was organized as part of Azadi ka Amrit Mahotsav to make the consumers aware of the growing need for mobile towers as part to build reliable telecom infrastructure and break myths regarding the health effects of EMF exposure from mobile towers.



COAI Events

"Voice and Data – Telecom Leadership Forum –Next Gen telecom – Scripting growth through digital "

During the Voice & Data 21st, edition #TLFIndia – Telecom Leadership Forum India held on 22 March 2022, Lt Gen Dr. SP Kochhar, DG, COAI shared his views on 'Next Gen Telecom – Scripting growth through digital'. He explained the benefits of new-age technologies such as #5Gnetwork, AI, IoT, VR, and how it is helping India increase its productivity, scaling through the concepts of #MakeinIndia made for the world and enfolding opportunities for a better tomorrow.



"29th Convergence India Expo 2022"

Being a part of the panel discussion on 'Readiness vs Reality of #5G in India' at the 29th Convergence India expo 2022, Lt. Gen. Dr. S.P. Kochhar shared his expertise on the #5G rollout, India's readiness, digital revolution after the #5G era and its scalability along with Mr. P. Balaji, Chief Regulatory and Corporate Affairs Officer, Vi, Ms. Pamela Kumar, Director General, Telecom STDs Development Society of India and Mr. Shobhit Agarwal, Partner KPMG India.



"3rd State Broadband Committee meeting of Delhi"

COAI thanks Delhi Govt. and Delhi LSA to organize the 3rd State Broadband Committee meeting of Delhi under the Chairmanship of Shri Vijay Kumar Dev, Chief Secretary, Delhi. We are thankful to the Chief Secretary, Govt. of India for issuing directions that will be helpful for the speedy roll-out of telecom Infrastructure and resolving the industry's issues at the earliest. #NationalBroadbandMission #PMWANI



"COAI and GSMA sign MoU to advance Mobile Telecommunications in India"

COAI and GSMA have signed a Memorandum of Understanding (MoU) to advance mobile telecommunications in India. COAI and GSMA today announced to come together once again to work and collaborate on areas of mutual interest. COAI is the industry association representing leading Telecom, Internet, Technology, and Digital Services companies in India. GSMA is a global organization unifying the mobile ecosystem to discover, develop and deliver innovation foundational to positive business environments and societal change.





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