

Inspiring Trust, Assuring Safe & Nutritious Food Ministry of Health and Family Welfare, Government of India

Report on FSSAI's participation in107th Indian Science Congress (ISC)- Pride of India Expo

3rd-7th January, 2020

Gandhi Krishi Vigyan Kendra (GKVK) Campus University of Agricultural Sciences, Bengaluru



1.0 Introduction:

Food Safety and Standards Authority of India (FSSAI) participated in 107th Indian Science Congress (ISC) - Pride of India Expo held from 3rd -7th January, 2020 at GKVK Campus, University of Agriculture Sciences Bengaluru. About 15,000 delegates, including 2 Nobel Laureates and eminent scientists from across India and abroad attended the Science Congress. 'Pride of India Expo', a science exhibition, was the key attraction during the Science Congress. The five days exhibition witnessed a large number of visitors from the corporate sector, scientific fraternity, academia, R&D institutes, defence, central & state government departments, PSUs, boards, autonomous bodies etc.

FSSAI stall highlighted the recently launched initiative called Network for Scientific Cooperation for Food Safety and Applied Nutrition (NetSCoFAN), a network of research and academic institutions working in the area of food and nutrition which is comprised of eight groups of institutions working in different areas. FSSAI also highlighted the initiatives under Eat Right India and other initiatives for public awareness, consumer education, and publicity of FSSAI's initiatives and to develop strong engagements with various stakeholders. Food Safety Department Karnataka deputed the Officials at the FSSAI stall and addressed the clarification and queries of the visitors. Members of NetSCOFAN network made demonstrations of rapid testing kit for detecting adulterations such as formaldehyde and ammonia in fresh fish. Explanations on the rapid testing method were made to many delegates of Indian science congress and public during the five day expo period in the FSSAI stall.

2.0 Inauguration 107th Indian Science Congress (ISC)- Pride of India Expo

The 107th Indian Science Congress (ISC) was inaugurated by Prime Minister Narendra Modi on January 3, 2020 at the University of Agricultural Sciences in Bengaluru. While delivering the inaugural address, the Prime Minister said that India's growth story depends on its achievements in the Science and Technology sector and reiterated the need to revolutionize the landscape of Indian Science Technology and Innovation.

PM Modi gave the motto of "Innovate, Patent, Produce and Prosper" to the young scientists in the country, saying that these four steps will lead India towards faster development. He stated that "innovation for the people and by the people is the direction of New India."

PM Modi also launched the Indian Science Technology and Engineering facilities Map (I-STEM) Portal. The portal has been designed to be the gateway for researchers to locate a specific type of facility they require to conduct their research and development work in India.





3.0 Theme: The focal theme of the congress was "Science and Technology: Rural Development", ostensibly to bridge the gap between urban and rural India and improving the quality of farmers life through science and technology.

4.0 FSSAI Participation: The main aim of the FSSAI's participation was to develop Scientific Cooperation under NetSCoFAN with premier research and academic institutions from India, who are currently working in the field of food science, nutrition and technology, will be involved in R & D activities for generating technological innovations and know-how to solve day to day food safety challenges and concerns. NetSCoFAN members from the lead institutions, from the eight groups viz (1) Biological Group(BIG); (2) Chemical Group(CHG); (3) Nutrition and Claims Group(NLG); (4) Foods of Animal Origin Group(FAG); (5) Food of Plant Origin Group(FPG); (6) Water and Beverages Group(WBG); (7) Food Testing Group(FTG); and (8) Safer and Sustainable Packaging Group(SPG) participated and were deputed at the stall to showcase the information as mentioned at Para 6 to the visitors. Further FSSAI initiatives under Eat Right India were also displayed. FSSAI stall was awarded as Best Design Stall at the Pride of India Expo.

4.1 Stall description:

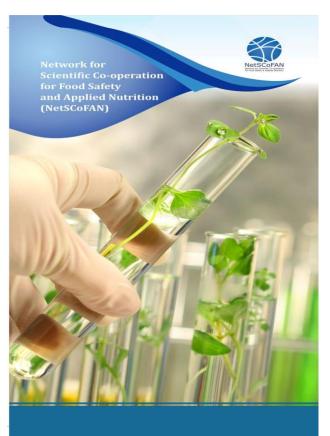
- FSSAI had acquired the booth space of **45 sqm** to conduct promotional or informative activity with respect to FSSAI initiatives. The Officials from State Food Safety Department Karnataka and NetSCOFAN members engaged the visitors by giving them information related to various FSSAI initiatives such as NeTSCoFAN, FoSTaC and Eat Right India.
- The stall had backlit display panels exhibited the clear features in a simplified manners. Two 42" LED screen was installed in the stall wherein movies of NetSCoFAN, Eat Right India were played.
- A 42 inch touch screen audio-video facility connected with internet was also installed. The AV is a digital walkthrough for FBOs as well as visitors interested in starting food business, to provide an interactive, easy to understand demonstration of working of FSSAI on online platform.



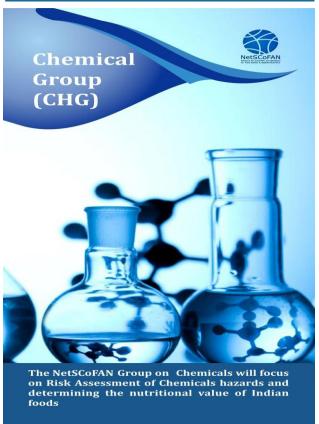
FSSAI Stall



4.2 The Key Panels highlighted: The following backlit panels were displayed in the stall keeping in mind the visitor and exhibitor profile of the fair:-

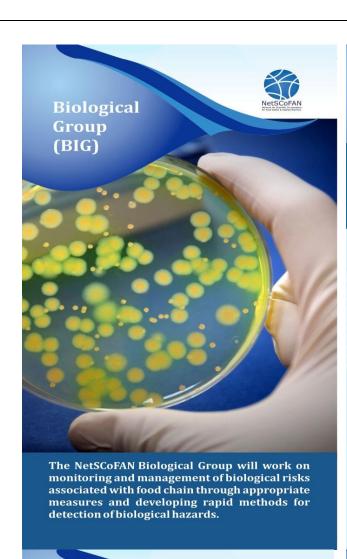


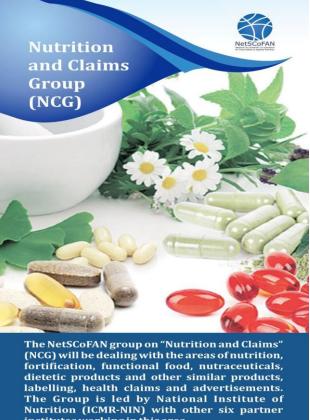












institutes working in this area.

Biological Group (BIG)





- odborne pathogens and other biological hazards across the food supply chain of non-culture methods for rapid multiplex detection of foodborne pathogens































Nutrition and **Claims Group**











FUTURE ROADMAP









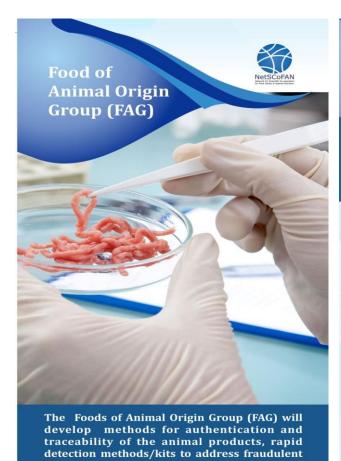




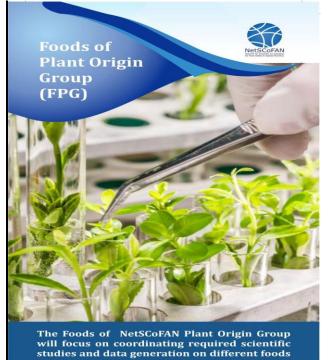












of plant origin, strengthening the food safety scenario of foods of plant origin in the country, taking up Horizon scanning in the area and to

release a report/alert time to time.

practices, analysis of the nutritional

parameters and chemical contaminants in the

products of animal origin











Section 16(3)(e) of the Food Safety and Standards Act, 2006 provides for establishment of network of organizations for

- Scientific co-operation
- Exchange of information
- Development and implementation of joint projects
- Exchange of expertise and best practices in the area of the responsibility of the Food Authority.

Eight groups of institutions working in different areas-

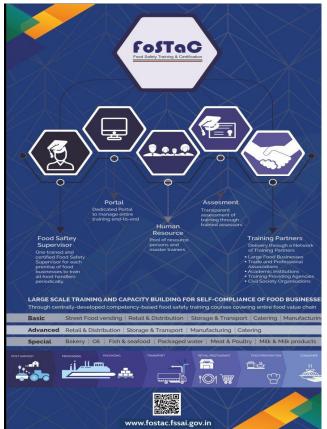
- (1) Biological Group (BIG)
- (2) Chemical Group (CHG)
- (3) Nutrition and Claims Group (NCG)
- (4) Foods of Animal Origin Group(FAG);
- (5) Food of Plant Origin Group (FPG)
- (6) Water and Beverages Group (WBG)
- (7) Food Testing Group (FTG)
- (8) Safer and Sustainable Packaging Group (SPG).

Each group will be led by a lead institution and selected partner institutions. Each group is mapped to the concerned scientific panel of FSSAI.















4.3 Distribution Material:

The following leaflets/pamphlets/booklets were distributed to the visitors at the stall:-

- (1) NetSCoFAN- Biological Group(BIG)
- (2) NetSCoFAN -Chemical Group(CHG)
- (3) NetSCoFAN -Nutrition and Claims Group(NLG)
- (4) NetSCoFAN -Foods of Animal Origin Group(FAG)
- (5) NetSCoFAN -Food of Plant Origin Group(FPG)
- (6) NetSCoFAN -Water and Beverages Group(WBG)
- (7) NetSCoFAN -Food Testing Group(FTG)
- (8) NetSCoFAN -Safer and Sustainable Packaging Group (SPG)
- (9). Information about Rapid Testing Kits

5.0 Mobile Food Testing Laboratory:

A Mobile Food Testing Laboratory van was also installed at the exhibition for testing of food to develop confidence amongst consumers that the food should be safe to eat and testing is important part of the food safety ecosystem. Mobile Food Testing Labs called Food Safety on Wheels are being provided to States by FSSAI to enable them reach out to consumers through as many touch points as possible for testing, training and awareness generation.





6.0 NeTSCoFAN Lead Institution participation:

ICAR-Central Institute of Fisheries Technology (ICAR-CIFT) represented as NeTSCoFAN Lead Institution in the FSSAI pavilion in 107th Indian Science Congress (ISC) - Pride of India expo Demonstration of rapid testing kit for checking adulteration of formaldehyde and ammonia in fresh fish, a technology developed by ICAR-CIFT was carried out.

Smt. Laly. S. J. Scientist, Mumbai research centre of ICAR-CIFT and Sri. Aneesh. P.A, Senior technical Assistant, Quality Assurance and Management Division of ICAR-CIFT, Cochin attended the ISC expo and made demonstrations of rapid testing kit for detecting adulteration of



formaldehyde and ammonia in fresh fish. Explanations on the rapid testing method were made to many delegates of Indian science congress and public during the five day expo period in the FSSAI stall. The CIFT team interacted with the visitors regarding the harmful nature of these chemicals and many have expressed the usefulness of the technology in controlling fish adulteration in the country.

Director, DFRL and scientists working in different organizations like CSIR, ICMR, DRDO etc visited and interacted with CIFT team. Opportunity provided by FSSAI in the Pride of India expo was highly appreciable as it was a suitable platform to bring the technology to general public and to increase the awareness among consumers.









7.0 Experience and Take away:

The FSSAI stall was visited by a large number of delegates, including students, academicians, researchers, speakers, experts, policy makers and exhibitors. The visitor's discussion with the FSSAI official was on various sectors of FSSAI mostly on NetSCoFAN. Clarifications and queries were attended with utmost attention by the FSSAI officials with pictures and explanation using pamphlets and display boards. This types of exhibitions helps the FSSAI efforts for engaging the scientific fraternity, academia, R&D institutes for improving in development of science based standards, guidelines and policies.











Queries of visitors being addressed

7. Conclusion:

FSSAI's participation in the 107th Indian Science Congress served a great platform for FSSAI's effort to engage the scientific fraternity, academia, R&D institutes in the NetSCoFAN network. Officials from State and Central Government Ministries attended the FSSAI stall and highly appreciated the efforts of FSSAI to ensure safe and nutritious food for 130 crore Indian citizens on Pan-India basis. The design, concept, information provided in the stall and FSSAI's initiatives under Eat Right India were appreciated by various visitors who visited the stall. The inputs, suggestions will help the FSSAI improving in development of science based standards, regulations, guidelines and policies.



PHOTO GALLERY













