



APF NEWS BULLETIN

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News Bulletin



Volume 6, Issue No. 1

Asian Packaging Federation

April, 2017

President's Message



Dear All APF members,
For Better Asian Packaging Federation!

This month, April, the 2nd Executive Strategic Planning Meeting of APF will be held at Seoul in South Korea from April 19~21 (Wed ~ Fri) 2017. I hope this strategic meeting would be more fruitful with various innovative ideas for better APF, and build a solid relationship among member countries.

In addition, one bigger event, the Grand Finale of Golden Jubilee Celebration will be held in Tokyo, Japan in 2018, and Japan Institute of Packaging will host the event at Tokyo. This big event will last for one year from APF meeting at Sri Lanka, 2017 to Japan, 2018. I hope this event will enable the APF body jump up to the stronger organization of packaging in the Asia region. All executive member will discuss in detail for successful golden jubilee celebration at the 2nd Executive Strategic Planning Meeting.

The APF goes out of our way to understand our purpose and innovative challenges so that we could deliver the best idea and opinion needed for each country to succeed in the packaging industry.

I hope the Spring brings new beginnings and new growth for better packaging in Asia region, and improvement of the quality of the life.

Thank you and best regards :

Jin Kie Shim

Dr. Jin Kie Shim
APF President



From the desk of the editor



My dear friends of Packaging Fraternity,

Let me take the opportunity to wish you all for A HAPPY NEW YEAR, 2017.

The year of 2016 was a mixture of excitement as well as distress for the APF member countries.

The excitement was mainly due to the introduction of Strategic Planning committee meeting for all office bearers as well as active APF Honorary members other than the annual meeting of Board of Assembly (BOA) and General Assembly (GA) meeting of APF where the board members of APF member countries do normally meet once in a year and discuss the issues related to the promotion of Packaging education in the Asian region and the recognition of excellence in Packaging through ASIASTAR awards. But the objective of the Strategic planning meeting was to discuss in length about the strategies for sustainable growth of APF by introducing new activities.

The committee had unanimously decided to launch a special kind of educational activities for the recognition of Asian Packaging Professionals by introducing an On-line educational programme under the banner of CAPP (Certified Asian Packaging Professionals) for Packaging Professionals hailing from Asian Regions and Indian Institute of Packaging was entrusted the responsibility as Coordinator to implement this programme. India has also hosted the 66th BOA and 41st GA meeting of APF and organised Asiastar award nite ceremony with a glittering colourful musical evening in the month of December, 2016.

At the same time, all the board members were completely saddened due to the sudden demise of Ms Annabelle Tan, First Vice President from Singapore due to her prolonged illness.

With this background, a new year has just started with new Vision, new ideas to adopt the new opportunities and to make this 2017, more exciting year for all APF member countries.

Thank you all



Prof. (Dr.) N.C. Saha

Editor & Secretary General
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A REPORT ABOUT 66TH BOA AND 41ST GA MEETING OF APF



**A REPORT ON 66TH BOARD OF ADMINISTRATION AND
41ST GENERAL ASSEMBLY OF ASIAN PACKAGING
FEDERATION HELD IN MUMBAI ON 16TH DECEMBER, 2016.**



66th Board of Administration and 41st General Assembly of Asian Packaging Federation was held at Hotel the Leela, Mumbai on 16th December, 2016. 25 members from 9 member countries of Asian Packaging Federation have attended this meeting.



The meeting was chaired by Dr. Jin Kie Shim, President, APF and conducted by Prof. (Dr.) N.C.Saha, Secretary General of Asian Packaging Federation. The salient points discussed during the meeting are given below:

- Asian Packaging Federation (APF) has decided to introduce a new activity by way of conducting Certified Asian Packaging Professional Programme (CAPP). The main objective of this programme is to recognize the packaging professionals hailing from Asian region. The CAPP programme will be coordinated by Indian Institute of Packaging under the umbrella of APF. It was also decided the CAPP programme will be based on 10 different subjects related to packaging. Initially, APF will conduct the CAPP programme for the following 10 subjects.

- | | |
|---|--------------------------------------|
| 1. CAPP (Paper & Paper Board Packaging) | 2. CAPP (Corrugated Board Packaging) |
| 3. CAPP (Plastics- Flexible Packaging) | 4. CAPP (Plastics- Rigid Packaging) |
| 5. CAPP (Aluminium Foil packaging) | 6. CAPP (Composite Packaging) |
| 7. CAPP (Metal Packaging) | 8. CAPP (Glass Packaging) |
| 9. CAPP (Packaging Machinery) | 10. CAPP (Ancillary Packaging) |

- It was also decided that the participants from the Asian region can enroll into the CAPP programme with an admission fee of US\$ 300. The minimum qualification for the CAPP programme will be as follows:

Eligibility Criteria for the enrollment into CAPP programme:

- The candidates from the Asian region should have the minimum qualification.

 - Graduate in Science / Engineering / Applied Science / Agriculture / Pharmacy / Printing / Graphics / packaging / Law / Food Science or Technology or equivalent qualification with minimum 10 years' experience in teaching subjects connected to the Packaging Industry.
 - Or applicants with above qualifications who have served in an industry related to Manufacturing / Converting / Quality Control/Research/Testing/marketing in any one of the sectors connected to the packaging industry for over a period revolving around 10 years.
 - However, the above qualifications is relaxed and the minimum qualification of the candidates should be high school (10+2) subject to the condition to meet the following criteria.

 - If the applicant is an entrepreneur whose business activities are related to Manufacturing / Converting / Quality Control /Research/Testing/ marketing in any one of the sectors connected to the packaging industry for over a period of more than 15 years.
 - An applicant without above qualifications but has served in an industry related to Manufacturing/Converting/Quality Control /Research/Testing/ marketing / Teaching in any one of the sectors connected to the packaging industry in an executive position for over a period revolving around 20 years



- APF has also decided to launch this programme from March, 2017. The candidates will be given a course material based on which the online examination will be conducted and the candidates will be awarded based on the evaluation of online examination.
- The CAPP programme will be commenced with the following three courses.

 - CAPP (Paper & Paper Board Packaging)
 - CAPP (Plastics- Rigid Packaging)
 - CAPP (Plastics- Flexible Packaging)
- It was resolved to constitute a CAPP sub-committee to introduce the CAPP programme by APF and the committee will have the following members.

 - Mr. Dharma Ratnayake from Sri Lanka - Chairman
 - Dr. N.C.Saha from India as Secretary
 - Ms. Aslihan Arikan from Turkey as Member
 - Dr. Pattra Maneesin from Thai Packaging Centre, Thailand as Member
- APF will be celebrating 50th year (Golden Jubilee) in 2017 as APF was established in JAPAN in 1967 and hence, it was recommended by the Honorary Members that during the 66th BOA and 41st GA of APF, Japan will be requested to take the responsibility to host the next APF events (Asiastar Judging, BOA & GA, Asiastar Award ceremony, Packaging Conference) either in October or November, 2018 which can be organized coinciding with Tokyo Pack in Japan.
- It was also recommended by the Honorary Members that during the Golden Jubilee Celebration all the past presidents of APF should be honored with a plaque / memento for his / her commendable contribution for the growth of APF.
- It was discussed that since the Executive Committee meeting of APF normally held once in a year, it is difficult to discuss many issues due to shortage of time. Considering this, it was recommended by Honorary Members that the next Core Committee consisting of the Office Bearers and the active Honorary Members will be held at Seoul, Korea during the 3rd Week of April, 2017. APF will bear the expenses towards accommodation for all the office bearers and invited honorary members for two nights. In addition, the expenses towards refreshment, local transport, venue cost etc., will also be borne by APF. An amount of US\$ 5000 should be earmarked in the budget towards Core Committee meeting at Korea
- The Board members have unanimously elected the office bearers of APF for the year 2017 and the new office bearers are as follows:

 - Dr. Jin Kie Shim - President (South Korea)
 - Mr. Rohan Victoria - 1st Vice President (Sri Lanka)
 - Ms. Aslihan Arikan - 2nd Vice President (Turkey)
 - Mr. Wang Yuezong, 3rd Vice President (China)
 - Dr. N.C.Saha, Secretary General (India)
 - Mr. K.M.Bhaskaran, Treasurer (India)
 - Ms. Ariana Susanti, Immediate Past President (Indonesia)



- The Board members of APF have also decided to constitute a sub-committee with the following members to finalise the various events to be organized by the different countries during the golden jubilee year celebration.
 - Mr. Safi Ullah Chowdhary, Chairman - Bangladesh
 - Mr. Albert Lim, Co-chairman, Singapore
 - Mr. Dharma Ratnayake, Co-chairman, Sri Lanka

LIST OF MEMBERS ATTENDED THE 66TH BOARD OF ADMINISTRATION MEETING ON 16th DECEMBER, 2016 AT MUMBAI, INDIA

S.No.	Name	Country
1	Dr. Jin Kie Shim- Korea Packaging Institute	Korea
2	Dr. Sung Wook Hwang- Korea Packaging Institute	Korea
3	Dr. N.C.Saha, Secretary General, Asian Packaging Federation & Director, Indian Institute of Packaging	India
4	Mr. K.M.Bhaskaran – Treasurer, Asian Packaging Federation Deputy Director – Indian Institute of Packaging	India
5	Mr. Srihari Rao Jagana - Indian Institute of Packaging	India
6	Mr. Dharma T. Ratnayake, Sri Lanka Institute of Packaging	Sri Lanka
7	Mr. Rohan Victoria, Sri Lanka Institute of Packaging	Sri Lanka
8	Mr. Abdul Kader Khan, BGAPMEA	Bangladesh
9	Mr. Safi Ullah Chowdhary, BGAPMEA	Bangladesh
10	Mr. Monir Uddin Ahmed, BGAPMEA	Bangladesh
11	Mr. Khan Nazrul Islam Hannan, BGAPMEA	Bangladesh
12	Mr. Omor Faruk, BGAPMEA	Bangladesh
13	Md. Alamgir Hossain, BGAPMEA	Bangladesh
14	Mr. Afshin Fakhr, Iranian Institute of Packaging	Iran
15	Mr. Pongsak Ruangsrisai-Bureau of central Management Department of Industrial Promotion	Thailand
16	Ms. Seewalee Silpworasarat – Department of Industrial Promotion	Thailand
17	Mr. Amornnut Kongpreecha- Department of Industrial Promotion	Thailand
18	Mr. Amnat Krijaroen - Department of Industrial Promotion	Thailand
19	Mr. Noppadol Krairiksh- Thai Packaging Association	Thailand
20	Mrs. Varna Sudasna – Thai Packaging Association	Thailand
21	Mr. Albert Lim, Packaging Council of Singapore	Singapore
22	Mr. Takehiro Kaneko – Japan Packaging Institute	Japan
23	Mr. Chakravarthi AVPS	India
24	Mr. Randy Roche	Sri Lanka
25	Mr. Ali Hakim	Iran





A REPORT ON ASIASTAR JUDGING AND ASIASTAR AWARD CEREMONY 2016



A REPORT ON ASIASTAR 2016 JUDGING & AWARD CEREMONY HELD AT HOTEL THE LEELA, MUMBAI, INDIA DURING 15TH - 17TH DECEMBER, 2016

Asiastar judging for the year 2016 was held at hotel the Leela, Mumbai, India on 15th December, 2016. This is annual event, conducted by the Asian Packaging Federation. The main objective of ASIASTAR is to recognize the excellence in packaging in terms of package design developed by the various packaging industries hailing from member countries of APF.

- APF has got overwhelming response from 10 APF member countries about their participation into ASIASTAR 2016 contest.
- 156 entries were received from Bangladesh, China, India, Indonesia, Japan, Korea, Singapore, Sri Lanka, Thailand and Turkey. Out of which, 68 entries for the Consumer Package (CP) category, 16 entries for Transport Package (TP), 6 entries for Eco friendly Package (EP) and 66 entries under Student Category (ST).
- Eight (8) jury members from Bangladesh, India, Japan, Korea, Singapore, Sri Lanka, Thailand, Iran participated for judging the AsiaStar 2016 contest. The Secretariat has also received a communication from Turkey that Ms. Aslihan Arikan, 3rd Vice President of APF could not joint to the judging process due to the bad weather condition and there was no flights to Mumbai.
- It was highlighted by Secretary General of APF that though the total number of entries was 156 but, the number is really less as compared to 2015 where the APF received about 196 entries. Due to this fact, he has requested the executive members for their active support in order to send the more number of entries for ASIASTAR 2017.



- SG has also requested the countries like Bangladesh who is submitting only the students entries but they can submit more number of commercial entries during 2017. Similarly, he has informed to the members that recently Iran Institute of Packaging has started their national packaging contest and hence, Iran need to send the entries to APF for ASIASTAR 2017.
- Regarding, the ASIASTAR trophy, SG has expressed his sincere thanks to Dr Jin Kie Shim, President , APF and his team members for taking the trouble to make the ASIASTAR trophy for the commercial entries and also arranged to send the trophies. However, as per the decision taken by the executive committee meeting held at Singapore on 1st April, 2016, that the students will not be given any trophy and hence, for ASIASTAR 2016, the students will be awarded with the certificate which has also been prepared at Korea by the President, APF.
- Based on the judging process, the winners were also awarded with the ASIASTAR during a sparkle evening with dance performance at hotel the Leela, Mumbai on 17th December, 2016. Dr. Inder Jit Singh, IAS, Additional Secretary, Ministry of Commerce & Industry, Govt. of India was present as Chief Guest and also presented the awards to the winners.



- Besides, Dr. Jin Kie Shim, President, APF and Dr. N.C.Saha, Secretary General APF have also distributed the awards to the AsiaStar winners.

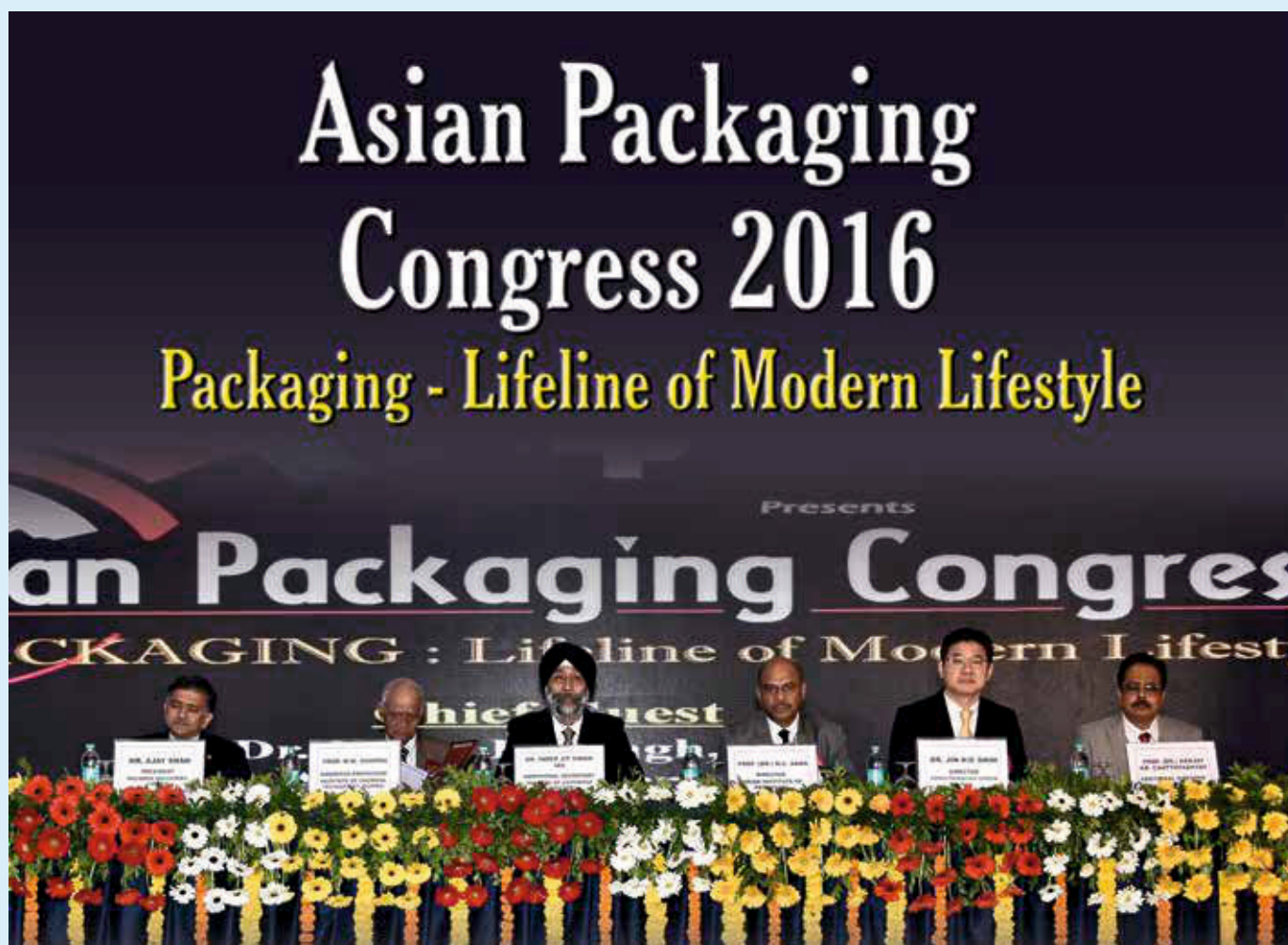




During this AsiaStar Award nite, the renowned artists have also entertained the overseas guests through dance performance.







It was indeed a proud moment for Indian Institute of Packaging (IIP), when the much awaited mega show, the Asian Packaging Congress, was inaugurated at Hotel The Leela, Mumbai, on 17th December, 2016.

The theme of the one-day Congress was 'Packaging - Lifeline of Modern Lifestyle'. The Congress was held with concurrent events namely Asia Star Contest, Asian Packaging Federation (APF) Board Meeting, Honorary Members Meeting and the Gala Asia Star Award Nite; events were spread across 15th and 17th December, 2016.

Proceedings

While welcoming the huge gathering of over 400 distinguished personalities, Prof. (Dr.) N. C. Saha, Director, Indian Institute of Packaging, said that although the Asian Packaging Congress was assigned to India with a very short notice, he was glad that with the overwhelming response and

The Congress was held with concurrent events namely Asia Star Contest, Asian Packaging Federation (APF) Board Meeting, Honorary Members Meeting and the Gala Asia Star Award Nite; events were spread across 15th and 17th December, 2016.

support of 15 member countries, the Institute could organise the Congress in a grand manner within this time period.

Prof. (Dr.) Saha welcomed the Chief Guest, Dr. Inderjit Singh, I.A.S., Additional Secretary, Department of Commerce, Ministry of Commerce and Industry, Government of India; Guest of Honour, Padma Vibhushan Prof. M. M. Sharma, Emeritus Professor of Eminence, Institute of Chemical Technology - Mumbai, and Special Guest Dr. Jin Kie Shim,







Director, Korea Packaging Center, Korea and President, Asian Packaging Federation. He also briefed the present activities of the Institute and unveiled the future plan of the Institute to transform itself into a deemed to be University, the first of its kind in the country in the field of packaging.

Inaugural Session

The inaugural session began with the lighting of the auspicious lamp by the Chief Guest, Guest of Honour, Special Guest and other dignitaries present on the dais. The Chief Guest, Guest of Honour and the Special Guest were felicitated with floral bouquet and mementos. While delivering his address, Mr. Ajay Shah, President, Reliance Industries Limited and a member of the Governing Body of IIP, said that the theme of the Congress 'Packaging - A lifeline of Modern Lifestyle' is very apt today, as packaging technology is undergoing tremendous growth and development due to convergence of technology globally. He further stated that the one-day Congress which will discuss innovative packaging techniques and technologies that are re-defining modern day lifestyle. This will help all stakeholders in the packaging industry to gain first-hand knowledge and explore new business opportunities.

Dr. Jin Kie Shim, Director, Korea Packaging Center, Korea and President, Asian Packaging Federation and the Special Guest of the event, stated that packaging plays a significant role in meeting consumer aspirations and is considered to be a sunrise industry in the world market. He also mentioned that packaging is one of the largest and most diversified sectors and in the Asia Pacific region and it is the third largest market growing at an average rate of 7-8%. With the increase in consumer demands and expectations packaging has really become the lifeline of modern day lifestyle.

Padma Vibhushan Prof. M. M. Sharma, Emeritus Professor of Eminence, Institute of Chemical Technology – Mumbai and the Guest of Honour for the event, in his inaugural address mentioned that packaging has undergone revolutionary changes due to continuous efforts and improvements to meet consumer demands and expectations as a direct consequence of changes in lifestyle. He also said that innovative packaging technologies influenced by modern day lifestyle are now addressing sustainability issues at global level.

He was confident that the packaging luminaries from across the Asian countries present today would open up vast opportunities between various segments and players of the packaging industry.

Dr. Inderjit Singh, I.A.S., Additional Secretary, Ministry of Commerce & Industry, Government of India and the Chief Guest for the event, explained that the growing economics of the developing countries in Asia demand specialised expertise on packaging and skills to fulfill the need of value addition into the product. He further added that in the global scenario it is imperative to continuously upgrade our knowledge to be at par with the latest technologies and strategies. He was also very confident that the one-day Congress will experience a congregation of leading Asian packaging experts as well as Indian industry stalwarts to showcase the latest technology and trends in packaging and discuss issues such as strategies, innovations and sustainability, in-line with consumer demands and expectations, which have a direct impact in shaping the modern day lifestyle.

Dr. Sanjay Kumar Chattopadhyay, Convener, APC 2016, while delivering the 'Vote of Thanks' to the dignitaries present on and off the dais also informed how this one-day Congress will prove to be an excellent initiative to transfer technical knowledge through interactions amongst Asian packaging industry leaders. The inaugural session came to an end after rendition of the National Anthem.

Technical Session

The proceedings of the one-day Congress began with the Keynote Session with the theme, 'Packaging Trends and Issues' where two eminent speakers Mr. Amitava Ray, Whole-time Director, Uflex Ltd. and Mr. V. Bernd Jablonowski, Director, Interpack & SAVE FOOD, Messe Dusseldorf, Germany, delivered talks on various topics ranging from 'Business Trends & Opportunities in the Asian Packaging Market', to 'Indian Packaging Industry The Path Forward' and 'Packaging Design – Consumer's Perspectives'.

Immediately after the Keynote Session, there was a very interesting and informative Panel Discussion on 'Around the Asian Region- Drivers for Packaging Development' moderated by Prof. (Dr.) N. C. Saha, Director IIP, in which eminent personalities from different Asian countries like Mr. Dharma Ratnayake, Chairman, Packaging Center of Sri Lanka, Sri Lanka;



Programme Schedule:

17 th December, 2016 (Saturday)	
09:30	Invocation
09:35	Welcome Address: Prof. (Dr.) N. C. Saha, Director, Indian Institute of Packaging and Secretary General - Asian Packaging Federation
09:40	Lighting the Auspicious Lamp and Felicitation
09:50	Address By: Mr. Ajay Shah, President, Reliance Industries Limited and Chairman – Corpus Fund Committee of IIP
09:55	Address by Special Guest: Dr. Jin Kie Shim, Director, Korea Packaging Center, Korea and President - Asian Packaging Federation
10:00	Address by Guest of Honour: Padma Vibhushan Prof. M. M. Sharma, Emeritus Professor of Eminence, Institute of Chemical Technology, Mumbai
10:10	Release of Technical Booklet
10:12	Address by Chief Guest: Dr. Inderjit Singh, I.A.S., Additional Secretary, Ministry of Commerce & Industry, Government of India
10:27	Vote of Thanks: Dr. Sanjay Kr. Chattopadhyay, Professor, R&D Division, IIP and Convener – Asian Packaging Congress
10:30	National Anthem
	Followed By Press Meet
11:00 - 12:00	Keynote Session: Packaging Trends and Issues
	<ul style="list-style-type: none"> Make in India – A National Mission for Packaging Industry: Mr. Amitava Ray, Wholetime Director, Uflex Ltd. Save Food - A Global Initiative: Mr. V. Bernd Jablonowski, Director, Interpack & Save Food, Messe Düsseldorf, Germany
11:40 - 12:00	Panel Discussion: Around the Asian Region - Drivers for Packaging Development
	Moderator: Prof. (Dr.) N. C. Saha, Director, Indian Institute of Packaging, India
	<ul style="list-style-type: none"> Mr. Dharma Ratnayake, Chairman, Packaging Center of Sri Lanka, Sri Lanka Mr. Safi Ullah Chowdhury, Advisor BGPMEA, Bangladesh Mr. Albert Lim, Past Chairman, Packaging Council of Singapore, Singapore Dr. Sung Wook Hwang, Senior Researcher, Korea Packaging Center, Korea Mr. Takehiro Kaneko, Manager, Transport Packaging Division, Japan Packaging Research Institute, Japan Ms. Varna Sudasna, Vice President, Thai Packaging Association, Thailand
12:00 - 13:30	Plenary Session 1: New Generation Packaging Media
	Session Chairman: Mr. Ajay Shah, President, Reliance Industries Ltd.
	<ul style="list-style-type: none"> Application of Innovative Paper Boards for Packaging Application: Mr. P. N. Sridharr, DGM Marketing, ITC Limited, Paperboards & Specialty Papers Division Polyethylene, Polypropylene - The Most Sustainable Food Packaging Materials: Mr. Unmesh Nayak, Senior Vice President, Reliance Industries Ltd.



- Tinplate Container – Most Acceptable Packaging Media To Enhance Shelf-life of Food Products: Mr. Abesh Chatterjee, Chief (Marketing and Sales), The Tinplate Company of India Ltd.
- Innovative Protective Packaging – Its Importance for Engineering Products: Mr. P. R. Bantwal, Chairman & Managing Director, Suprabha Protective Products Pvt. Ltd.

Q & A Session

13:30 - 14:30 Lunch Break

14:30 - 16:00 Plenary Session 2: Innovative Techniques and Technology

Session Chairman: Mr. Amitava Ray, Wholtime Director, M/s Uflex Ltd.

- Barrier Films for Food Packaging - From the Application to the Right Extrusion Process: Mr. Christoph Heepe, Regional Manager Technical Sales Extrusion Equipment, Windmoller & Holscher India Pvt. Ltd, Germany.
- Innovative Systems & Technologies for Packaging Applications: Mr. Vagish Dixit, Managing Director, Alpha India Pvt. Ltd.
- Selecting the Right Label Stock Material: Mr. Rohit Mehta, Director, SMI Coated Products Pvt. Ltd.
- Evolution of Blister Packaging - Pharmaceutical Industry: Mr. Chakravarthi A.V.P.S., CEO, Managing Director, Ecobliss India
- Barrier Packaging Solutions: Mr. Vishnu Jajoo, Co-founder and Executive Director, Shriji Polymers India Ltd.

16:00 - 16:30 Beverage Break

16:30 - 18:00 Plenary Session 3: Recent Developments in Packaging Systems and Quality Evaluation

Session Chairman: Mr. Shailendra Singh, Managing Director, DIC India Ltd.

- The Role of Flexible Packaging in Reducing Food Waste: Mr. Subhajit Sinha, Business Director, Food Care (India Sub Continent and South East Asia), Sealed Air India (P). Ltd.
- Safe Ink – An Integrated Concept for Food & Pharmaceutical Packaging: Mr. Utsab Kumar Choudhuri, Senior Vice President and Head - Technology, DIC India Ltd.
- Comparison of Blow Moulding Technologies for Packaging of Food & Pharmaceuticals: Mr. Debabrata Deb, Director, Future Formats Ltd.
- Testing and Quality Evaluation of Packaging Materials for Food & Pharmaceuticals: Mr. Amit Mate, Product Specialist, Shimadzu Analytical India Pvt. Ltd.

17:50 - 18:00 Concluding Remarks

Mr. Safi Ullah Chowdhury, Advisor BGPMEA, Bangladesh; Mr. Albert Lim, Past Chairman, Packaging Council of Singapore, Singapore; Dr. Sung Wook Hwang, Senior Researcher, Korea Packaging Center, Korea; Mr. Takehiro Kaneko, Manager, Transport Packaging Division, Japan Packaging Research Institute, Japan and Ms. Varna Sudasna, Vice President, Thai Packaging Association, Thailand took part.

Post Panel Discussion, the proceedings of the Plenary Sessions commenced. The first Plenary Session saw a galaxy of four speakers who delivered

talks on the theme 'New Generation Packaging Media'. The themes for the second and third Plenary Sessions were 'Innovative Techniques and Technology' and 'Recent Developments in Packaging Systems & Quality Evaluation' respectively, where a total of nine speakers delivered their presentations (detailed programme schedule given earlier).

This mega event would not have been possible without the overwhelming support from the industry partners and the Ministry of Commerce and Industry, Government of India.



COUNTRY NEWS

IRAN

TRAINING PACKAGING TECHNOLOGY WORKSHOP IN IRAN

Considering the importance of education in packaging improvement, IRIP has organized some educational events from 22nd February to 7th March 2017 in Tehran and some cities of Iran with corporation of World Packaging Organization and some local scientific organizations and institutes.

With purpose of offering professional specific training in packaging, (IRIP) Iranian Institute of Packaging, a member of WPO and APF, accomplished two important training programs during February and March for technician, university students and top managers separately. The workshop "Packaging Technology" aimed to provide beneficial information about the packaging importance, global packaging trends, packaging and environment, type of packaging, new packaging and technology. These were attended by 100 people.

IRIP has also organized one-day conference in three provinces, Qazvin, Northern Khorasan and Kerman titled "Importance of Packaging with Sustainable Employment Approach". The attendees were more than 500 people.

Mr. Keith Pearson, General Secretary of WPO was presenter from WPO's side and more than 5 Iranian experienced and professors were present in all events.

We issue certificate for all of the attendees and we have planed the attendees to visit three factories: Beverage, Nylon and label and pallet and IML.

These events not only were training but also were the promotion to strengthen the IRIP and helped us to introduce IRIP locally more.

IRIP has some parallel meetings with some governmental organization such Labour and Social Affairs Institute, Iran Technical & Vocational Training Organization, Omid Entrepreneurship Fund, and besides IRIP signed partnership contracts with related association in packaging industry (machinery, food).

Final word is I really appreciate Mr.Keith Pearson; he is so supportive and cooperative to IRIP.



5-day workshop for technicians and university students





Two-day workshop for managers and top managers



Factory visit



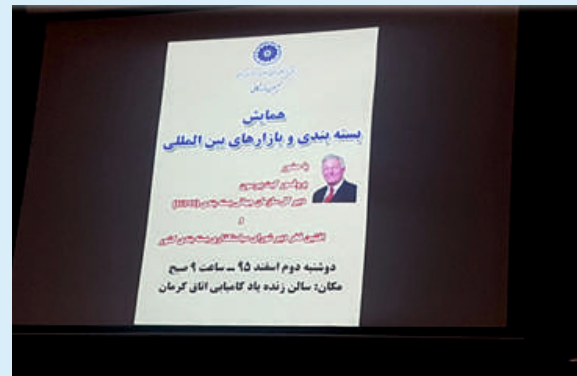


One-day conferences in different cities

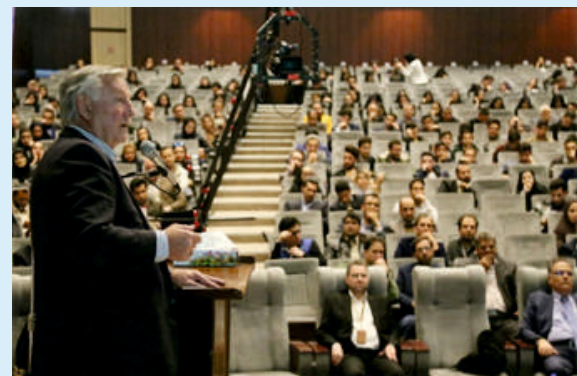
Qazvin Province



Kerman Province



Razavi Khorasan Province





Meetings





JAPAN

TOP 10 TOPICS OF JAPANESE PACKAGING INDUSTRY IN 2016

1. Paris Agreement coming into effect

In the 21st session of the Conference of the Parties (COP 21) of the UN Framework Convention on Climate Change held in December 2015, the Paris Agreement was adopted. It is a new framework of countermeasures against global warming for 2020 and afterwards, to replace the 1997 Kyoto Protocol. For the new Agreement to become effective, it must be ratified by at least 55 countries, representing 55% of the total emissions of greenhouse gases worldwide. As the US and China expressed their support at an early stage, the Agreement came into effect on November 4, 2016, a little less than one year after the adoption. Japan ratified it on November 8, a few days past the effective date.

2. France bans disposable plastic containers and single-use checkout bags

The world's first law banning all disposable plastic containers and tableware has been enacted in France. The ban goes into effect on January 1, 2020, by which time disposable container manufacturers are required to replace their products with biodegradable and home-compostable containers or those for which biobased materials are used. Environmental activists and organizations welcome this legislature while some people are opposed.

Prior to this legislation, a ban on single-use plastic checkout bags in retail shops came into force in France on July 1, 2016. This ban will expand to include thin bags for meat and fish on January 1, 2017. After that, biodegradable and compostable thin bags will be used for vegetables and fruits.

3. MAFF award given to Spash functional film

For its work to reduce food waste by manufacturing and selling special film products that keep perishable foods fresh, Mitsui Chemicals Tohcello, Inc. was given the Minister of Agriculture, Forestry and Fisheries Award in the third Food Industry Mottainai Grand Prize championship held by the Japan Organics Recycling Association. Mitsui Chemicals Tohcello's Spash™ is a keep-fresh biaxially oriented polypropylene (BOPP) film that keeps vegetables and fruits from wilting and discoloring. The new product is valued because it extends the time to keep food fresh and reduces the volume of food thrown away in the distribution stage and at home. Spash™ use is expected to greatly expand.



4. **Developing paper containers for drinks and improving containers for milk beverages**

There has been much work to improve the functionality of paper containers for drinks. From environmental viewpoints, new products much easier to break down have been made for greater recyclability. One such product is the EP-PAK Orukatto with easily separable upper and lower parts. Another example is a product with an easy to peel off paper layer and inside film. Also, in terms of user convenience, more and more milk beverage makers are now using a Tetra Top-based paper bottle instead of the conventional gable-top paper container that has long been used for milk beverages. The Tetra-Top bottle uses resinous paper in the upper part and has a large spout that is easy to handle and can be sealed repeatedly. Other examples of new paper packages include special Pure-Pak Curve paper containers for chilled drinks with improved design and functionality, and Tetra Recart paper containers applicable to retort food. These new products have now been introduced in the Japanese market and are in full use for prepared food and household dishes. Thus new products featuring high value added, differentiation and improved functionality are being introduced one after another.

5. **Developing new universal design-based containers with environmental consideration**

The Japan Packaging Institute awarded the Kinoshita prize to Kao Corporation's Rakuraku Eco Pack refill pouch, and the Minister of Economy, Trade and Industry Award was given to La Sana refill bottles in the Japan Packaging Contest. These are just a few examples of the increasing number of new package ideas that have lately been developed for greater ease in refilling. The Kao Raku-raku Eco Pack is a new package for refills of shampoo and other highly viscous liquids. The pouch is slim, made of environmentally friendly soft materials, has gores in the upper and lower parts and is easy to handle with one hand just like a drink bottle. The container has a cap that is also easy for the elderly and the physically weak to open. Even when the pouch is placed upside down, the liquid inside does not spill, making refilling effortless. The total container area is minimized with the smallest thickness, the resin content in the cap is lower than before and the spout uses around 50% bio-based polyethylene. All these points are environmental benefits and contribute to CO₂ reduction. There are high expectations for new container products that fit the advent of an ever-aging society.

6. **WTO revised trade forecast downwards due to slowdown in emerging economies and heightened anti-globalism**

The World Trade Organization (WTO) revised the 2016 forecast of the world's foreign trade volume in September, from a 2.8% increase from the previous year as announced in April to now only a 1.7% increase. It is the lowest increase ever since 2009 immediately after the Lehman shock.



Recovery in the trade volume is not likely either in 2017, from which the packaging industry may inadvertently be affected via exporting companies.

While there were 13 cases of the application of new trade-restrictive measures by G20 economies on a monthly average in 2009, there are 22 cases lately. We also encounter such issues as Brexit, which is the British exit of the UK from the EU, increased anti-EU power in EU member countries and opposition to the Trans-Pacific Partnership (TPP) by both US presidential candidates: Ms. Clinton and Mr. Trump. Overall, anti-globalism and protectionism deeply rooted in increased disparities among people as well as intensified immigrant and refugee problems are heightened.

7. Transparent oxygen-absorbing package used for individual products for the first time

Oxydec is an oxygen-absorbing package with a layer structure composed of basic barrier films and sealant films pasted with an oxygen-absorbing adhesive. Prominent product features are being able to look through the package, that oxygen can be absorbed in low humidity and chilled environments, and that it emits almost no odor. Using Oxydec for packaging individual products will enable keeping each product oxygen-free for a long time until immediately before consumption. The new package is expected to be extensively used in many areas, including pharmaceutical products and cosmetics in addition to foodstuffs.

8. Development of light-shielding containers and packages under way

In containers, a new green-color bottle with light shielding function has been developed for salad dressing. With this new bottle, oil oxidation caused by light can be reduced by 41% compared to existing bottles. In the application to packaging, an aluminum-free light-shielding film was developed. This product, made of several special laminated sealant films, has achieved the same light-shielding as aluminum foil, cutting 99.9% of ultraviolet ray and visible lights. Wide applications can be expected such as keeping retort foods or using it when heating foodstuffs in microwave ovens.

9. Tokyo Pack 2016 exhibition ends with great success

With the underlying slogan, 'The Heart of Advanced Packaging Solutions in Asia,' the Tokyo Pack 2016 packaging exhibition was held at Tokyo Big Site for four days from October 4 to 7, 2016, organized by the Japan Packaging Institute. The number of related exhibits increased considerably with a total of 670 companies/organizations participating. Overseas exhibitors were also greater in number than before.



The total number of registered visitors was 184,677, much more than in the previous event. Thus, the commemorative Tokyo Pack 2016 marking the 50th year since the first exhibition ended with great success. The four JPI-associated organizations prepared a joint exhibition, in which the Institute of Packaging Professionals, Japan introduced its 50-year history on exhibition panels and presented its promotional mascot, Tsutsumu-kun, to visitors from Japan and overseas.

10. The Institute of Packaging Professional, Japan marks 50th year since foundation

Celebrating the 50th year since the organization establishment, the Institute of Packaging Professionals, Japan held a special seminar as well as a commemoration ceremony and a reception on June 10, 2016 at the Agnes Hotel in Iidabashi, Tokyo. In order to contribute to the advancement of the packaging industry, the institute has been implementing study meetings and visitation programs for the development of our professional members, keeping them well informed and updated.



BANGLADESH

INFORMATION OF BGAPMEA



Md. Abdul Kader Khan
President, BGAPMEA

Bangladesh Garments Accessories & Packaging Manufacturers & Exporters Association (BGAPMEA) started its journey since 1989. BGAPMEA represents packaging & garments accessories simultaneously. There are more than 1500 export oriented Garments Accessories & Packaging Industries registered in our Association. Out of which 685 industries are Corrugated carton. Printing & Packaging sector is one of the largest employers. About 4 lac people employed in this sector, out of which 25% are women.

Garments Accessories & Packaging Sector earned US\$ 6.12 billion during the last fiscal year. It contributes more than 17% out of US\$ 34.24 billion export of RMG sector including other export oriented sectors. It is expected that Garments Accessories & Packaging sector will export US\$ 12 billion by the end of 2018 and US\$ 18 billion by the end of 2025.

Packaging sector plays a vital role for development of Bangladesh Economy. During 80's a few packaging industries were setup to meet up the requirements of Readymade Garments (RMG) only. Now Garments Accessories & Packaging sector not only met up the demand of RMG export but also other export oriented industries like: frozen food, pharmaceuticals, leather goods, ceramic, cosmetics, foods & beverage, vegetables, flowers etc. There are various types of packaging produces in Bangladesh like: Paper packaging, Glass packaging, Plastic packaging, Poly packaging, Metal Packaging, Tetra, aluminum foil and flexible packaging, PVC oven sacking, Wood packaging etc.

Demand for packaging for export industries are increasing every year. Apart from that because of the rapid increase of local demand as well as demand of exporters, packaging industries would continue to expand in the coming years too. There is ample scope in Bangladesh to invest in packaging raw material industries such as: paper mills, petrochemicals industries etc. Government has recently declared the agro based industries as a thrust sector and declared some incentives for this sector. Opportunity for investment in packaging of agro based industries also opened up in Bangladesh.



This Association has decided to set up a Garments Accessories & Packaging Institute in Bangladesh. A feasibility study was undertaken by the Association in cooperation with the European University of Bangladesh. For this purpose, a delegation consisting of two members visited Indian Institute of Packaging (IIP), Mumbai & Kolkata, India as well as Philippines Textile Research Institute (PTRI) and Industrial Technology Development Institute (ITDI), Philippines earlier. They have submitted their report with recommendation that a Packaging Institute is a must for skill manpower for flourishing this sector. We are also trying to pursue with Bangladesh Govt. for setting up this Institute as early as possible. It is expected that Asian Packaging Federation (APF) will come forward to help us with technical & financial support. In the meantime, we have set up a Testing Laboratory with a very limited scale to test the Carton items. So, we need support & cooperation of Indian Institution of Packaging (IIP) for accreditation.

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