

## **Secretary's Report January – December 2014**

Dear President and honorable members of the AFST(I) family,

I deem it a privilege to thank you all for giving me an opportunity to serve the AFST(I) as Hon. Secretary for the period 2014. On behalf of AFST(I), I welcome you all to this 49<sup>th</sup> Annual General Body Meeting convened in the beautiful campus of NIFTEM, Kundli, Haryana.

I take this opportunity to present the Annual Report containing the activities of AFST(I) and its chapters throughout the year

### **The Central Executive Committee of the year composed of the following members:**

S Ghonkrokta	President
H Prathapkumar shetty	President-Designate
K D Yadav	Imm Past President
A Jayadeep	Vice President, HQ
Prabodh S Halde, Mumbai	Vice President
C T Sathian, Thrissur	Vice President
K K Abdul Rasheed, Kollam	Vice President
K Vidyasagar, Hyderabad	Vice President
G Venkateswaran	Hon Secretary
S G Walde	Hon Jt Secretary
N Bhaskar	Imm Past Secretary
Suresh D Sakhare	Hon Treasurer
A A Inamdar	Imm Past Treasurer
P Prabhasankar	Editor in Chief, JFST
H Umesh Hebbar	Chief Editor, IFI

The Central Executive Committee met 6 times during the year and discussed about the activities for the year and also to take several important decisions, including current year's annual convention ICFOST XXIII. As it is customary to convene one CEC meeting on the eve of the inauguration of ICFOST, the 6<sup>th</sup> and the last CEC meeting was held on 12<sup>th</sup> December 2014 in NIFTEM Campus to take stock of the arrangements done for the event.

#### ***I. Formation of committees***

The statutory and other sub-committees were constituted for looking after major activities like finance, enrollment of members, publication of journals etc. During the current year a new committee called **Diamond Jubilee Building Committee** was constituted to look after the task of building to be built on the site purchased previous year.

##### **Finance Committee:**

- Sri B Raghuramaiah - Chairman
- Dr Abdul Rasheed - Co-Chairman
- Dr A D Semwal - Member
- Dr G Venkateswaran - Ex officio member
- Mr A A Inamdar - Member
- Mr Suresh Sakhare - Convener

##### **Credential Committee:**

- Dr A Jayadeep - Chairman
- Dr Jeyarani - Member
- Dr UJS Prasada Rao - Member
- Dr Naveen Shivanna - Member

Dr Harish Prashanth - Member  
Dr G Venkateswaran - Ex Officio Hon Secretary  
Mr Suresh D Sakhare - Ex Officio Hon Treasurer  
Dr S G Walde - Convener

**Publication Committee**

Dr P Prabhasankar Chairman  
Dr Umesh Hebbar Member

**Editorial Board of both the journals**

Dr S G Walde Convener  
Dr G Venkateswaran Ex officio Hon Secretary  
Mr Suresh D Sakhare Ex officio Hon Treasurer

**Awards Committee:**

Dr KSMS Raghavarao - Chairman  
Dr A Jayadeep - Co Chairman  
Dr P K Nema - Member  
Dr U S Annapure - Member  
Dr Singaravadivel - Member  
Dr H S Murali - Member  
Dr K A Anu Appaiah - Member  
Dr P S Rajini - Member  
Dr Asna Urooj - Member  
Dr G Venkateswaran - Convener

**Industrial Relations Committee:**

Mr Prabodh Halde - Chairman  
Dr Satish Kulkarni - Member  
Dr K D Yadav - Member

**Diamond Jubilee Building Committee:**

Following will be permanent members till the completion of the building:

Sri B Raghuramaiah - Chairman  
Dr N Bhaskar - Member  
Mr Prabodh Halde - Member  
Dr K D Yadav - Member  
Dr K K Abdul Rasheed - Member  
Dr Jyothirmayi - Member  
Dr Vidyuth Naram - Member  
Mr A A Inamdar - Convener

Ex officio Secretary and Treasurer will be members

**Government Relations Committee:**

Dr S S Ghnokrokta - Chairman  
Dr D V Malhan - Co-Chairman  
Dr V Venkateswarlu, Min of Agriculture, IARI, New Delhi  
Dr. Prathap K Shetty

**Website committee**

Dr N Bhaskar - Chairman  
Mr Prabodh Halde - Co- Chairman  
Dr Rupesh Chavan - Member  
Mr P Manilal - Member  
Dr SVN Vijayendra - Member

Dr Sukumar Debnath	- Member
Mr Aruna Kumar	- Member
Mr PSN Suresh	- Member
Mr Sanjaylal	- Member
Dr D D Wadikar	- Member
Dr G Venkateswaran	- Ex officio
Mr Suresh Sakhare	- Ex officio

## **II. Membership**

The present membership of AFST(I) stands at 2614. I am happy to inform you that 444 new members were enrolled during the year of which 28 are life members. I thank the support & cooperation of chapters in membership drive. We are making constant efforts to send the journals to members without any interruption. Members are requested to intimate the HQ regarding their changes in address or changes in their mail ids. This will facilitate us ensure continuous supply of journals as well as token number for online access.

## **III. Website**

Efforts are being made to enhance the domain space of AFST(I) website from 1 GB to 2 GB.

## **IV. New Chapters of AFST(I)**

During the current year, a new chapter at Sant Longowal Institute of Engineering and Technology, Longowal was established.

## **V. Guidelines and conditions for the chapters for conducting conferences at chapters**

- When the chapter decides to arrange any conference/workshop under the banner of AFST(I), the information should reach the HQ as soon as the plan for activity is finalized
- Seed money, if, taken from the HQ to be returned
- 10% of the excess of income over expenditure earned to be given to HQ
- Representation of HQ members be made compulsory in the respective committees of the conference
- Audited statement of accounts, recommendations/proceedings, utilization certificate and other documents required by the funding agencies should be sent by the chapter concerned in stipulated time with a copy to head quarter, so that recommendations can be sent to the respective funding agencies and ministry.

## **VI. Election of Office Bearers**

Election process was started in the month of September 2014. There were contestants for President-Designate and Hon Treasurer only, who will take over during the year 2015. Mr B Vasu was nominated as the Returning Officer for the year. Calendar of events for the election was like this:

Last date for receipt of nomination	15 <sup>th</sup> October 2014
Last date for withdrawal of nomination	21 <sup>st</sup> October 2014
Issue of ballot papers	3 <sup>rd</sup> November 2014
Last date for receipt of ballot papers	4 <sup>th</sup> December 2014

On December 6<sup>th</sup> after counting of ballots, the returning officer handed over the results to Hon. Secretary and the results will be officially announced in the AGBM.

## **VII. Annual Convention and other activities at HQ**

Apart from ICFOST XXIII few more activities were organized during the year as detailed below:

1. **Village programme on Food Hygiene, Safety & Nutrition:** The CEC decided to celebrate World Food Day as an Awareness Program on **Nutrition & Hygiene** to the nearby school children. Accordingly AFST(I) and Association of Microbiologists of India, Mysore chapter jointly organized a one day awareness programme on “Food Hygiene, Safety & Nutrition” involving the school children of four nearby schools of Gopalapura village near Mysore on 18-11-2014. Mysore district Zilla Panchayat, Village Presidents, village heads and other dignitaries participated in the programme. The program started at 2.00 pm and ended at 5.30 pm with Power Point Presentation and live demo related to food hygiene, safety and nutrition. Food packets were distributed to all school children numbering around 600. AMI office bearers, CEC members very actively participated in the programme.
2. **World Food Day** AFST(I) co-sponsored a Lecture organized by the Society of Biological Chemists (Mysore Chapter) on 16<sup>th</sup> October 2014 on the occasion of World Food Day. Dr. Kalidas Shetty, Associate Vice President of Global Outreach & Professor of Plant Science, North Dakota State University, USA delivered the lecture on “System Metabolic Innovation to address Global Food Security and Health Challenges”
3. **Dr H A B Parpia and Sri GCP Rangarao Memorial lectures:** As decided in the AGBM, the CEC discussed about initiating **Dr H A B Parpia and Sri GCP Rangarao Memorial lectures** from the current year. Accordingly, Dr Abdul Rasheed, Vice President from Kollam expressed his desire to initiate the program at Kollam chapter. This was agreed by the CEC and the program was arranged on 18<sup>th</sup> October 2014 at AFST(I) Kollam chapter, Kollam. Dr HAB Parpia’s memorial lecture was delivered by Dr K Singaravadivel, Deputy Director, Indian Institute of Crop Processing Tech. Thanjavur. He spoke on “Food Processing in India; Recent Scenario”. Similarly, Dr Srinivasa Gopal, Ex Director, Central Institute of Fisheries Technology, Cochin delivered Mr G C P Rangarao’s memorial lecture on the topic “Recent Trends in Food Packaging”. Mr Janab.Shahal Hassan Musaliar, President, TKM College Trust, Kollam inaugurated the function and the Principal Dr.K.J.Varghese, Dr.Abdul Rasheed, President, Dr.R.S.Reshmi, Secretary, Dr.D.Praveena, Treasurer, AFST(I) Kollam Chapter and CEC members of AFST(I) have participated in the above program. Subsequently the 4<sup>th</sup> meeting of the CEC was convened after the lectures.

### **VIII. Publications**

**Journal of Food Science & Technology:** Now the Journal is in the 6th year of it’s becoming online and in its 51<sup>st</sup> volume. It is gratifying to note that the impact factor of the journal has reached 2.024 from 1.123 in the previous year. The earnest efforts of the Editor-in-Chief, Dr P Prabhasankar, his Editorial Team & M/s. Springer are really praiseworthy. We express our gratitude to reviewers and all those who have contributed to this journal for their valued commitment. This year we have received Rs.27,15,740.00 as royalty from M/s Springer. As decided the previous AGBM a portion of the amount has been transferred to **Diamond Jubilee Building Fund.**

**Indian Food Industry:** This journal is completing its 33rd year of Publication. The untiring efforts of the Chief Editor Dr Umesh Hebbar, and his Editorial Team, brought the journal on time. Their constant endeavors to infuse newer dimensions to improve the quality of contents as well as the readership base is really commendable. A new section has been introduced termed as tete-a-tete, covering short interviews of eminent Food Scientists, captains of Food and Allied Industries or renowned Academicians. The cover page has been made more attractive. A new tariff has been prepared for fetching bulk subscriptions as well as advertisements to the journal. Efforts are being made to get high quality invited articles from experts in the field. Now the journal is coming close to stand financially self sufficient.

## IX. ICFOST XXIII

In the first CEC meeting, it was decided to hold the current year's ICFOST at the NIFTEM Chapter. Accordingly the formal proposal was sent to the Vice Chancellor, NIFTEM. We are thankful that he has readily agreed for the proposal. Further the chapter decided the date and focal theme for the event. Various committees were constituted giving due representation to chapters also. Hon Secretary and Hon Treasurer from HQ visited the NIFTEM in the month of November 2014 to have a look at the arrangements made. The final program including a inaugural function, technical sessions, poster sessions, Annual General Body Meeting, awards conferring ceremony, panel discussion and valedictory function was prepared and culminated successfully.

## X. Chapter activities

### 1. BANGALORE CHAPTER

During the year 2013-14, AFSTI-Bangalore Chapter organized a total of 04 Technical presentations/ Seminars, one memorial lecturer & active participation as Speakers / Chief Guest as mentioned below.

- ❖ “Biofuels & Waste Management in Food Industries for Sustainability” – Mrs. R Subramani (M/s Sara Biofuels) & Mr Dayanand on 29.03.2014 at Hotel Ashraya International.
- ❖ “Food & Health” – Dr. K P Puthuraya on 30.05.2014 at Institute of World Culture.
- ❖ “Food & Health” – Dr. R P Joshi on 28.06.2014 at Gokale Institute.
- ❖ “Advances in Brewery Fermentation”- Dr Keshav Patakar, Chief Brew, SAB Miller on 5.09.2014 at Hotel Ashraya International. This talk was delivered during AGM Meeting,

On the occasion of World Food Day the Chapter organized a seminar on “Emerging Issues in Food Regulatory Framework” in association with NDRI – Bangalore at NDRI campus. Mr. Chetan Hanchate,–President was chief Guest & Mr. Sachin Achintalwar, Secretary was the key speaker who delivered a talk on “Regulatory requirements for Bakery Industry.”

in BCIC Seminar – FSSAI-2014, Mr. Sachin Achintalwar, Secretary, Bangalore chapter delivered a talk on “Introduction to Global Food Regulations: Implication for Exports” on 07<sup>th</sup> November, 2014 at Hotel Meridian, Bangalore.

The chapter conducted its AGBM on 5<sup>th</sup> September, 2014 and honoured senior members Mr. Srikant Chatrapathy & Mrs. Madhura Chatrapathy who contributed to the growth of chapter.

### 2. HYDERABAD CHAPTER

Hyderabad Chapter arranged **8 lecturers** as detailed below; The chapter arranges these lectures every month on Second Tuesdays at 6.00 PM at CFTRI-Resource Centre, Hyderabad.

<b>SPEAKER</b>	<b>TOPIC</b>	<b>DATE</b>
Dr. Dinesh Kumar Scientist E, NIN, Hyderabad	Therapeutic potential of nutraceuticals and functional foods	10-12-2014
Mr. Pradeep Kumar, Independent Consultant &Teacher of MBA in China	How India can surpass China especially in food processing” an experience sharing session	11-02-2014
Mr. Satyaprasad Business Devp. Manager SGS (India) Pvt. Ltd., Hyderabad	Challenges in Food Safety for Food processing Industries	11-03-2014
Dr. E. MuraliDarshan, Indian Institute of Foreign Trade, Hyderabad	Creating Markets Across the Globe with special reference to Food processing Industry	11-04-2014
Prof. S.K. Sood, Former President, Hyderabad Chapter	Role of carbon dioxide in food processing	13-05-2014

Mr. SudhakarYadlapalli, Vice President FSLs, Mallapur IDA, Hyderabad	Food Safety Monitoring Norms: Role of analytical techniques	10-06-2014
Dr. G. Nagaraj, Former Scientist, DOR, Hyderabad	Role of dietary fats in health and nutrition	08-07-2014
Mr. D.V. Raghavanand, National Marketing Head, Ushodaya Enterprises, Priya Foods, Hyderabad	What it takes to successfully market food products in India	11-11-2014

The Chapter celebrated **World Food Day on 16-10-2014** at National Institute of Nutrition (NIN), Hyderabad in collaboration with (Oil Technologists' Association of India-Southern Zone) OTAI-SZ and NIN, Hyderabad by holding one day seminar. Dr. M.M. Krishna, President, AFST(I), Hyderabad Chapter welcomed the gathering, and explained the activities of AFST (I) and briefly narrated the significance of World Food Day. Dr. B.V.S.K. Rao, Hon. Secretary OTAI (SZ) briefed the gathering about the activities of OTAI and Dr.Ragunatha Rao, Deputy Director, NIN, Hyderabad briefed about the activities of NIN, Hyderabad. The programme was inaugurated by Dr. KalpagamPolasa, Director, National Institute of Nutrition, Hyderabad by lighting the lamp along with other dignitaries in diasand conducted the proceedings.Dr. Ch. Srinivasa Rao, Director, CRIDA, Hyderabad, delivered the keynote address on the World Food Day focal theme **Family Farming: Feeding the World and Caring for the Earth** with special emphasis on integrated farming. Dr. KalpagamPolasa, Director, National Institute of Nutrition, Hyderabad delivered presidential remarks on the focal theme and enlightened the participants with a thrust on Food and nutrition security.

Felicitations were bestowed on Sri M. Venkateswara Rao, former Scientist, CFTRI Resource Centre, Hyderabad for his outstanding contribution made in the field of Food Science & Technology with special reference to food ingredients such as oils and fats, and additives. He was presented with a fruit basket, garland, shawl and a citation on a wooden plaque. He spoke on his memories pertaining to his career and expressed his thanks to all the co workers he worked with as well as the AFST(I) office bearers for making these events vibrant. The chief guest and the other dignitaries were presented with a fruit basket, memento engraved with world food day theme 2014 and gift hampers provided by M/s Priya Foods, Hyderabad. All the sponsors were presented a memento encrypted with the World Food Day Theme, 2014. Dr. (Mrs.) T. Jyothirmayi, Hon. Secretary proposed vote of thanks.

Two lectures were organized during technical session. Dr. A. V. Umakanth, Principal Scientist, Directorate of Sorghum Research, Hyderabad spoke on "Production, utilisation and value addition of sorghum /millets in India" and Dr. T. Narasimha Reddy, CEO, Centre for Applied Research and Extension (CARE) spoke on "Backyard farming" with special emphasis on farming of kitchen garden at the backyard with home waste into manure in the same 200 litre capacity water storage bins. The chairman for this session was Mr. N. Mallikarjuna Rao, former ED, A. P. Foods, Hyderabad. The speakers and the chairman of the technical session were honoured with a memento.

Student session was chaired by Dr. AdapaSrinivasa Rao,Retd. Chief Scientist, IICT, Hyderabad. Essay writing competition was conducted and received 28 essays from different Universities. Three best essays were selected and students were given a chance to present on the World food day related theme "**Family Farming: Feeding the World and Caring for the Earth**".They were given an opportunity to speak on the topic with powerpoint (PP) presentations and were judged for First, Second and Third prizes based on their hand written essays as well as their PP presentations. All the participants of Essay writing competition were given Participation certificates. The winners are Ms. Debasmita Das, Loyola Academy, Hyderabad, (I Prize); Ms. DivyaSuneetha, M.Sc. (Food Technology), Sri Venkateswara University, Tirupathi (II Prize) and Mr. Banita Chandra, M.Sc. (Food Science and Technology), GITAM University, Visakhapatnam

(III Prize) and were awarded cash prize of Rs. 1000/-, Rs. 750/- and Rs. 500/-, respectively along with a gift hamper from M/s Priya Foods, Hyderabad. The out station student winners were provided with travel allowance.

The highlight of the Seminar was the organization of a Quiz programme conducted by Dr. G.M. Subba Rao, Scientist NIN, Hyderabad with a professional touch with audio-visual rounds, current affairs, rapid fire round etc. Students pursuing Food Science and Technology from various colleges and Universities have participated. Six teams (12 participants) from different colleges and Universities have participated in the quiz programme. Cash prizes and food products (comprising bottled pickles and instant ready mixes courtesy M/s Priya Foods) were awarded to the winners in the Quiz participants along with winning and participation certificates. Other quiz participants were given participation certificates. The First Prize went to Ms. ApoorvaCharekar and Mr. Mukul Kumar Soni, M.Sc. (Applied Nutrition), NIN, Hyderabad; Second Prize to MsUppalaRavali and Ms. M.H.M.Phanisreeof B.Tech.. (Food Technology), Osmania University, Hyderabad; Third Prize to MsFathimaZehra (B.Tech, Food Technology) Osmania University) and Ms. S. DivyaSuneethaM.Sc. (Food Technology), Sri Venkateswara University, Tirupathi. The audience who answered questions were also presented with pens. The winners were awarded winning certificate, cash prize of Rs. 1000/- (I Prize), Rs. 750/- (II Prize) , Rs. 500/- (III Prize) and a gift hamper from Priya Foods, Hyderabad.

As a result of our efforts, a total number of 200 members comprising AFST (I) members, NIN staff, OTAI (SZ) members, faculty from different universities, industry professionals and a large number of students have attended the World Food Day 2014 celebrations. All attendees were provided with a Folder, a Memo pad printed with World Food Day 2014 theme and a Pen. High Tea and Lunch were arranged for all the participants, who attended the programme. The Program was well appreciated by all the participants. We have made efforts to enroll many members to become AFST (I) members and also made efforts to renew the membership from time to time.

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**EC meetings:** A total number of 6EC meetings were conducted to discuss various matters of Chapter viz., World food day celebrations, elections, monthly lectures etc.

**Membership:** Efforts were made to increase the membership by corresponding to various educational institutions, research organizations and food industries. We have also put efforts to renew the membership time to time. Presently, the chapter has 121 members as on 31-3-2014(Life = 86, Full = 15, Student Members = 20).

Election of Office bearers for the period 2014-16 was conducted by Mr. P. G. Prabhakara Rao with notice given for nomination. Only one nomination was received for each post. Office bearers have met and coopted the EC members and corporate advisory members.

### **3. KOLLAM CHAPTER**

Kollam Chapter conducted AGBM on 08/01/2014 in Department of Food Technology, TKM Institute of Technology, Kollam. The chapter organised a seminar at *Vivanda taste the technology '14* on 29<sup>th</sup> January 2014. Jb. Jalaludeen Musaliar, Treasurer, TKM Trust, presided over the function. Mr. Mathew Attokaran, Technical Head at Plant Lipids, Cochin, inaugurated the event. Around 200 delegates from various food industries, food technologists, scientists and students from Kerala and neighbouring States attended the seminar. Poster presentations, quiz contests, treasure hunt, crosswords and other events were conducted and the winners were felicitated with prizes.

World Food Day was celebrated on 16-11-2014 by Kollam Chapter by initiating vegetable

farming in the campus. As part of Food day celebration chapter conducted a Quiz programme on the theme, 'Family Farming'. A short film presentation and awareness programme was conducted by the chapter members to school children on nutrition and need for reducing food wastage.

Dr HAB Parpia and Mr GCP Rangarao Memorial Lecture series was organised at AFSTI Kollam Chapter, on 18<sup>th</sup> October, 2014 at TKM Institute of Technology on the theme "Food Packaging and Food Processing". The lecture series was inaugurated by Dr T K Srinivasa Gopal, Former Director, Central Institute of Fisheries Technology, Kochi. The meeting was presided over by Sri Shahal H Musaliar, President, TKM College Trust and Sri. T.K.JalaluddinMusaliar, Treasurer, TKM College Trust graced the occasion. Dr HAB Parpia's memorial lecture was delivered by Dr K Singaravadivel, Deputy Director, Indian Institute of Crop Processing Tech. Thanjavur. He spoke on "Food Processing in India; Recent Scenario". Similarly, Dr Srinivasa Gopal, Ex Director, Central Institute of Fisheries Technology, Cochin delivered Mr G C P Rangarao's memorial lecture on the topic "Recent Trends in Food Packaging". The program was attended by 200 participants including representatives of Kochi and Trivandrum Chapters. The third CEC meeting of AFSTi was also hosted by Kollam Chapter at TKMIT, Kollam

#### **4. LONGOWAL CHAPTER**

Longowal Chapter which started functioning from the month of October 2014 celebrated World Food Day on 16<sup>th</sup> October 2014. On that occasion, a quiz programme for B Tech students was organized.

#### **5. MUMBAI CHAPTER**

Mumbai Chapter celebrated World Food Day on October 16, 2014 by organizing Dr. K.U Naram Memorial Lecture and Dr. K. U. Naram Award at K.V. Auditorium, Institute of Chemical Technology. Dr. Uday Annature, President of Mumbai Chapter welcomed the guests and dignitaries. Dr. D. T. Waghmare, IAS Managing Director, MAIDC Mumbai presided as chief guest who was introduced by Prabodh Halde, Vice President AFST (I). The speaker was Mr. Arun V., Buying Manager, Marico Ltd., Mumbai who was introduced by Dr. Rashmi Kolhe, Treasurer. Mr. Arun spoke on '**Bettering the lives of small farmers- the Marico story**'. The lecture was followed by conferment of Dr. K. U. Naram Awards to the students from various food colleges and institutes of Mumbai who have excelled in academics. The session closed with a vote of thanks.

**Nutrition Week 2014:** Mumbai Chapter in association with Food Engineering and Technology Department (FETD), of ICT, Mumbai celebrated 'Nutrition Week' on 11 September, 2014 in ICT premises. The staff, students of ICT (FETD) and other colleges all over Mumbai participated in the event. This was sponsored by Marico and Kamani oils. During the celebration various competitions and guests lectures were organized. In the debate competition participants discussed about topics like Indian traditional foods in tackling malnutrition and Vegetarian v/s non vegetarian foods. There was a Recipe making competition with the theme of 'Low GI foods'. Delicious recipes with good nutritive value were presented by the participants. This was followed by the Poster competition with a theme of 'Low cost solutions from indigenous sources for malnourished children below age five'. In the second half of the day lectures by eminent speakers from food industries were arranged. Dr. Rekha Singhal, HOD (FETD), ICT welcomed and spoke about facts on nutrition in India, and also quoted, "You are what you eat". First lecture was delivered by Mrs. Gauri Iyer, Head Technical Services from Kamani oils Pvt Ltd on "Nutritional Oil and Fats". She explained the importance of oils and fats in diet and also their nutritional benefits, talking of which she quoted, "Our health is health of the nation." Next speaker was Mrs. Purvi Verma, Sr. Nutrition Manager at Marico. Ltd. who spoke on the subject of "Whole grains in food - A preventive therapy" and made understand how consumption of whole grains can help in nutrition. A memento was presented to the guest speakers as a token of gratitude by Dr. Laxmi A.

Prizes were distributed to the winners of various competitions. Vote of thanks was proposed by Dr. Jyoti.

**Prof. A Sreenivasan & Prof. J. V. Bhat Memorial lecture:** Prof. A Sreenivasan Memorial lecture was given by Dr. N. Ramasubramanian on the topic of “Food Industry today” on May 30, 2014 at Prof. K V Venkataraman Auditorium, ICT, Mumbai. Elaborating the way of functioning and position of the food industry in current times, Dr. N. Ramasubramanian spoke on various challenges faced by food industry today and discussed possible ways of arriving at solutions to resolve such challenges. Some of the aspects were: Laws and regulations in food industry, Quality control of food, Involvement of unbiased bodies with FSSAI such as academics, Expectation of industry from students, Need for students’ awareness and training on laws and regulations governing food industry.

This was followed by the Prof. J. V. Bhat Memorial lecture delivered by Dr. Deepa Bhajekar, Director, Microchem Silliker laboratories on the topic “Probiotics and Prebiotics”. She enlightened the audience on the concepts of probiotics and prebiotics and explained the need and the benefits of probiotics and prebiotics. She also spoke on the adverse effects associated with probiotics and prebiotics mentioning some major market players in this area. Both lectures were attended by students and AFST members followed by an interactive question answer session.

**Dr. K K G Menon Memorial Lecture:** K K G Menon Memorial Lecture was held on February 17, 2014, at ICT, Mumbai. The talk was delivered by Dr Suresh Das, Director, CSIR-National Institute for Interdisciplinary Science and Technology, on the topic ‘Photo responsive Materials’. Dr Uday Annapure gave an introduction to AFST(I) and set the context for the lecture by talking about Dr K K G Menon’s connection with AFST(I), beginning with Mumbai Chapter with Dr. D.V. Rege. Prof. G.D. Yadav, Vice Chancellor of ICT gave a warm introduction to the speaker. The programme ended with the vote of thanks by Prof. P.M. Bhate of ICT. The lecture was well attended by students, AFST members, Dr. Menon’s family as well as many others who were acquainted with Dr K. K. G. Menon.

Mumbai Chapter supported several events during the year as detailed below:

**Fi & Hi India 2014:** In September 2014, AFST (I) Mumbai chapter supported the Food ingredients & Health ingredients 2014 (Fi & Hi India 2014) organized by UBM India, the host of the 9th edition of the largest business event catering to the Indian Food market, specially designed to benefit Small and mid-sized Wholesale bakers, Snack producers, Biscuit & cookie producers, Cafes, Artisan bakeries, Sweetmeat marts & shops, In-house supermarket bakeries, retail outlets/malls/hypermarkets, catering companies/ restaurants/hotels, cash & carry stores, convenience stores, and distributors/importers of food & drinks bakers. In this event the ‘one stop solution’ book detailing compliance with all regulatory requirements, aptly titled ‘*Handbook of Regulatory Requirements for Bakery Industry*’ was launched on September 29, 2014. The book has been co authored by two AFST (I) Mumbai office bearers, Shri. Prabodh Halde, Vice President, Association of Food Scientists & Technologists, India and Shri. Sanjay Indani, Joint Secretary AFST- Mumbai Chapter.

**CII Food and Beverage Tech Conference:** The chapter supported the 5th CII Food and Beverage Tech conference 2014 conducted on 22 – 24 August, 2014 at Bombay Exhibition Centre, Mumbai. Mr. Prabodh Halde, Vice President, AFST (I) was chair of the technical session. Mumbai Chapter extends support to this event annually.

**NIFTEM Workshop on ‘Entrepreneurship’ :** AFST (I) Mumbai Chapter supported the workshop organized by NIFTEM at NIFTEM University Campus, Haryana. on “Entrepreneurship, an Enabler to Economy” on 7th May, 2014 The programme was designed and

supported by Mumbai Chapter. Dr. Prakash Kondekar, M. M. Chitale and Prabodh Halde from the Chapter were the speakers and about 240 students participated at this event.

**Panacea 2014:** Mumbai Chapter also supported Panacea 2014 – 6<sup>th</sup> Natural Products Expo India organized by Seishido Communications from February 20 to 22, 2014 at the Expo Centre, World Trade Centre, Mumbai. Dr. Uday Annapure, Dr Sanjay Indani, Dr. K D Yadav and Mr Prabodh Halde were the speakers.

## **6. NIFTEM CHAPTER**

The Workshop on Dehydration of Food and Agricultural Products: Principles, Practices and Prospects, organized by the Department of Food Engineering, National Institute of Food Technology Entrepreneurship and Management (NIFTEM), was held during March 25-26, 2014 at NIFTEM campus, Kundli, Sonapat, Haryana. The Workshop was inaugurated by Dr. Ajit Kumar, Vice Chancellor, NIFTEM in presence of Prof Arun S. Mujumdar, Professor Emeritus, NIFTEM; Mr. Dinesh Gupta, President, Bry-Air (Asia) and Dr Sakamon Devahastin, KMUTT, Bangkok, Thailand. Director of CIAE Bhopal, Prof. Pitam Chandra was the Chief Guest of the inauguration program.

The objective of the Workshop was to provide unique blend of learning through interactive lectures and brainstorming discussion among the speakers and participants There were 10 invited lectures by eminent researchers from academia and industry, both from India as well as from abroad. The Workshop began with an introductory lecture by Prof. Pitam Chandra, describing the fundamental principles and basics of drying. Prof. A.S. Mujumdar, respected worldwide as the Drying Guru, delivered a lecture on criteria for classification and selection of dryers. Dr. Sakamon Devahastin discussed superheated steam drying (SSD) system and explained its advantages over conventional hot air drying system, both from product quality and energy consumption points of view, along with recent developments in this area. The session progressed with the discussion on application of microwave drying and its advantages over conventional air oven drying by Prof. G.P. Sharma, MPUAT, Udaipur. Dr. D. Mohapatra, CIAE, Bhopal also explained the importance of drying and recommended some improved drying practices for different grains. Prof N.S. Rathore, VC, SKNAU, Jaipur discussed different solar dryers and highlighted different ways by which solar energy can be utilized more effectively. Mr. S.S. Bhatnagar from Tetra Pak explained spray drying technique and its increasing use in milk processing industries. The advantages of using osmotic dehydration in combination with pulsed microwave vacuum drying were discussed by Dr. P.P. Sutar, NIT, Rourkela, Odisha. Mr. Dinesh Gupta, President, Bry-Air (Asia) described the advantages of low-temperature desiccant drying technology that not only helps in maintaining the tissue structure and texture of heat-sensitive products such as onion, ginger, mushrooms and herbs but also volatiles and other essential constituents. A desiccant drying system offers cost-effective and energy-efficient drying alternative to freeze-drying technology.

The Workshop was supported by NIFTEM, Ministry of Food Processing Industries, Government of India. Papers presented at the Workshop are to be compiled in the form of an edited book. Based on the overwhelming response of the participants and their feedback it has been planned to hold the next Workshop on drying in February 2015 at NIFTEM campus.

## **7. PUNE CHAPTER**

The chapter organized a programme on Women Entrepreneurship Development on 15th February 2014 coupled with the distribution of SUHANA Scholarship 2013 for Best M.Sc. Dissertation Project. Ms. Sullaja Firodia- Motwani, Chairperson, Kinetic Engineering Limited and Mr. Anand Chordia, Technical Director, Pravin Masalewale were the esteemed chief guests for the occasion.

The event started with University song followed by felicitation of chief guests. Dr. C. Mannuru, HOD FSN introduced the chief guests and delivered the keynote address. Ms. Firodia addressed students, staff and AFST(I) members on the challenges/hurdles a woman entrepreneur faces in the

business world. A student interaction session with Ms. Firodia was also organized. The students largely benefited by this interaction. Ms. Firodia was pleased with response of students towards entrepreneurship. This was followed by the distribution of SUHANA scholarships to MSc. Nutrition and Food Processing students. Mr. Chordia appreciated the students' efforts and encouraged them with his speech. Ms. Ritu Watturkar, Secretary and Mrs. Sudipta Biswas-Sawant, Treasurer, felicitated Ms. Sushma Chittaldurg and Ms. Hemaprabha Patki, Food technologists and panel judges. Students of M.Sc. Nutrition and Food Processing (II) displayed their innovative food products. Dr. B L Satyanarayana, Vice President concluded the program by giving the vote of thanks.

## **8. TEZPUR CHAPTER**

The world food day was celebrated at by AFST (I) Tezpur Chapter on 16th October 2014, with the theme "Alleviating Malnutrition". A series of lecture were delivered by the expert panel members on the above said theme in two phases. In first phase, Prof. C.L. Mahanta (Chairman, Tezpur chapter) delivered a lecture on malnutrition to the students (Class 7-10) of K.V. Tezpur University. She emphasizes on the role of various components of food and their role in human nutrition. She also addressed the gathering, about the effect of malnutrition, under nutrition and over nutrition on growing child and adolescence.

In the second phase of lecture series, Prof. Mrudala Saikia Baroah and Prof. Ruma Bhattacharya, Dept. of Food and Nutrition, Assam Agriculture University, Jorhat, Assam delivered the lecture to the students of undergraduate and post-graduate of School of Engineering, Tezpur University. Prof. Mrudala Saikia Baroah, emphasized on nutritional challenges like, micronutrient deficiencies, over nutrition, protein and energy Malnutrition (PEM), Vitamin A deficiency (VAD), Iodine deficiency disorder (IDD), etc. Her lecture was also focused on under nutrition in early life resulting in fetal malnutrition and low birth weight. Various programs initiated by UNICEF and Govt. of India to reduce Malnutrition in low income group people were also addressed. Addressing various solutions to the malnutrition, she focused on dietary diversification, food fortifications, supplementation, and public health measures and most importantly on female literacy.

Prof. Ruma Bhattacharya's lecture was focused on disease associated with malnutrition. She informed the gathering about diabetes, atherosclerosis, hypertension, metabolic disorders and gastrointestinal disorders. She also covered the aspects of overnutrition and undernutrition that is mostly prevalent in Indian context. The program ended with a vote of thanks from Dr. Raj Kumar Duary, Hon. Secretary, Tezpur chapter.

## **9. THANJAVUR CHAPTER**

Thanjavur chapter of AFST(I), co-sponsored a National Student Conference on Food Technology, SCOFTECH 2014 organized by IICPT, Thanjavur during 7- 8 February 2014 at IICPT campus Thanjavur. The two folded objectives of the Student Conference "Making the technologies known to all and making the technologists meet the industries". The focal themes were "Technologies and Technologists for Indian Food Industries" and "Industry-Academia-Student Meet for Prospective Employment and Career Guidance".

During the 2 days conference the following events were organized based on the themes

Technical presentations (Oral & Poster) by students and Lead paper presentations by eminent scientists from across the country on the following theme areas

- Novel Food Processing Technologies
- Advances in Food Packaging and Preservation
- Safety, Quality control & HACCP in Food Industries
- Functional Foods and Nutraceuticals
- Farm-gate Technologies
- By Product & Waste Utilization in Food Industry

- Technical Quiz
- Model Presentations
- Documentary/Short movie
- Ad-lib

The major attraction of the conference was the Industry- Student-Academia Meet, where there was a platform for students from various institutions to interact with the top food processing companies, so that students could find prospective employment by themselves and have proper career guidance and the companies could find suitable candidates for their assignments too. Around 1200 students from food technology and related disciplines from across the country and about 100 academicians and 40 leading food industries participated in this conference for knowledge sharing with students. Invited guests were Dr. Subbhaiyan, IAS, District Collector, Thanjavur, Dr. Srinivasan Sundarrajan, Director, National Institute of Technology, Tiruchirappalli, Mr. Padmasingh Issac, Managing Director, Aachi group of company and Dr. Venkateswaran, Hon Secretary, Association of Food Scientists & Technologists, Headquarters.

On the occasion of World Food Day, the chapter organized an Essay Writing competition based on the theme “Family Farming: Feeding the world, caring for the earth”. A documentary competition was also held on the theme “Towards a Hunger Free World”. The Director, IICPT delivered a motivating lecture to the students during the occasion.

#### ***XI. AFST(I) Education & Publication Trust***

**Audited Accounts:** The trust met on 8<sup>th</sup> December, 2014 and discussed about the audited statement of accounts for 2013-14 along with budget estimates for 2014-15 and approved the same.

#### ***XII. Acknowledgements***

I thank Dr S S Ghonkrokta, the President, and the other members of the CEC for their outstanding support and cooperation during my tenure.

My thanks are due to Prof Ram Rajashekar, Director, CSIR CFTRI, Dr H V Batra, Director, DRDO DFRL, Mysore and Dr Ajit Kumar, Vice Chancellor, NIFTEM, for their valuable guidance & support for the success of ICFOST XXIII.

I thank various resource persons and Volunteers from NIFTEM, CSIR CFTRI and DRDO DFRL who joined our hands whole-heartedly support for the success of ICFOST XXIII.

My earnest thanks are due to the donors, sponsors, stall holders and advertisers who were pillars of strength for the accomplishment of this event.

I thank all the invited speakers, delegates, volunteers and other participants for their active participation in the ICFOST.

I gratefully thank the Finance Committee of AFST(I) headed by Sri B Raghuramaiah, Chairman, Dr Abdul Rasheed- Co-Chairman, members - Dr A D Semwal and Mr A A Inamdar and Mr Suresh Sakhare as Convener. Their valuable suggestions and guidance in monetary operations of AFST(I) is praiseworthy.

My thanks are due to the Credential Committee Chaired by Dr A Jayadeep and Dr Jeyarani, Dr UJS Prasada Rao, Dr Naveen Shivanna, Dr Harish Prashanth, Mr Suresh D Sakhare as members and Dr S G Walde as the Convener.

I place on record the services of the Awards committee Chaired by Dr KSMS Raghavarao, Dr A Jayadeep as Co Chairman and Dr P K Nema, Dr U S Annapure, Dr Singaravadivel, Dr H S Murali, Dr K A Anu Appaiah, Dr P S Rajini, Dr Asna Urooj and Dr G Venkateswaran the Convener. I also thank Dr M C Varadaraj and other expert juries who spared their valuable time, in spite of their busy schedule to make the evaluation process crystal clear.

I thank immensely Dr P Prabhasankar as the Editor-in-Chief, Journal of Food Science and Technology: Dr Umsh Hebbar, Chief Editor, Indian Food Industry Mag onerous services in coordination with the whole editorial team. Their untiring efforts to bring out the journals in time, amidst their busy schedule is really worth appreciating.

We wish to thank the Website Committee headed by Dr N Bhaskar, Co-chaired by Mr Prabodh Halde and members being Dr Rupesh Chavan, Mr P Manilal, Dr SVN Vijayendra, Dr Sukumar Debnath, Mr Aruna Kumar, Mr PSN Suresh, Mr Sanjaylal, Dr D D Wadikar, Dr G Venkateswaran, Mr Suresh Sakhare.

My special thanks are due to M/s. Marico for maintaining the website of AFST(I).

Our heartfelt thanks are due to M/s. Jwalamukhi Mudranalaya Pvt Ltd, Bangalore and all our advertisers who made our **Indian Food Industry Mag** an unique one.

I also thank M/s. Springer India, our co-publisher for online publication of Journal of Food Science & Technology.

My thanks are due to Mr B Vasu, Returning Officer for the smooth conduct of the elections of AFST(I) for the year.

My sincere thanks are also due to Sri AK Krishnamoorthy, Chartered Accountant for having audited the accounts of AFST(I) in time.

Our thanks are due to Mumbai Chapter for the financial assistance of Rs.50,000/-. My thanks are due to all other chapters for their continued cooperation in the activities of the Association.

I thank our Bankers Indian Overseas Bank, Yadavagiri branch and State Bank of Mysore, CFTRI Branch and Yadavagiri Post Office for their kind cooperation.

Thanks are due to the staff of AFST (I). They always take the responsibilities of various activities throughout the year till the completion of the conference. My special thanks to all the staff for their kind support and timely help under the stewardship of Mr A Govinda Swamy.

Lastly, I thank all the members of AFST(I) and also one and all who have directly or indirectly helped me during my tenure as the Secretary of the Association for the period 2013-14.

Mysore  
13-12-2014

Sd/-  
G Venkateswaran  
Hon. Secretary

## TREASURER'S REPORT

Dear Members,

Audited report & statement of accounts of the AFST(I) and AFST(I) Education and Publication Trust Receipt and Payment of IFCON-2013 for the financial year 2013-14 and Budget for 2014-15 is presented herewith for the kind perusal of the house.

### **CONTENTS OF AUDITORS REPORT:**

- Assets and liabilities
- Income and Expenditure Account
- Receipts and Payments Accounts
- Schedule for Balance Sheet
- Schedule for Assets

### **BUDGET:**

Budget of Rs.68, 00,000.00 towards AFST(I) and Rs.2,00,000.00 towards AFST(I) Education and Publication Trust is estimated for the year 2014-15. The details of this planned budget can be found in the attached estimate.

### **HIGHLIGHTS OF THE FINANCIAL STATEMENT:**

Royalty of Rs.26,19, 987 for publishing 'Journal of Food Science and Technology' for the year 2013 from the Springer Ltd., was received for the financial year 2014-15. As per the auditor's information, accounts are made under cash basis the royalty is accounted for the financial year 2014-15. Hence Income and expenditure account reflects a sum of Rs.9,72,650.50 as excess of Expenditure over Income. In the income side Interest on Deposit increased by Rs.71,095, IFI Mag Subscription decreased by Rs.44,746/-, Advertisement decreased by Rs.74,375.50 and Expenditure side Postage increased by Rs.74,709.50, Salary by Rs.36,222.00, Advertisement and contribution Rs.30,000.00, Chapter share Rs.92,302. When the royalty included to the financial year 2013-14 Rs.16,47,336.50 will be the excess of income over expenditure for this financial year.

The auditor found it difficult while computing of income in accordance with TDS statement 26AS due to non receipt of the details for the financial assistance received from various sources for conducting the activities at the chapter levels. I request the chapters to submit their source of funds in detail (ex. Gross-TDS=Net receipt) in future along with their audited financial report before 30<sup>th</sup> June of every year to finalize the account and file with income tax department within the prescribed date to avoid objection by IT department.

I take this opportunity to thank The President AFST(I) Dr Surender S Ghoankrokta, Hon. Secretary Dr G Venkateswaran and all other CEC members, Finance Committee Chairman Mr Raghuramaiah B, Co-Chairman Dr Abdul Rasheed, Members Dr A D Semwal, Mr A A Inamdar and also Dr A Jayadeep for the valuable suggestions, guidance and support.

It was indeed a great privilege and pleasure working as Treasurer for the wonderful organization like AFST(I). Thank you all for having faith in me and for the support.

I thank the Secretarial Staff of AFST(I) Mr A Govindaswamy, Manager, Mrs H V Sandhya, Mr M Ramachandra, Mr Shankarappa B Jakkali and Mr M Vishwanath for their support in day-to-day affairs of AFST(I) during my tenure.

Sd/-

Suresh D Sakhare  
Hon. Treasurer

Mysore  
13-12-2014