



BRIEF REPORT

1st International Conference on Advances in Asian Medicine- ICAAM 2016

Pune, 3rd – 7th January, 2016

Organised by



**INDIAN ASSOCIATION FOR THE STUDY
OF TRADITIONAL ASIAN MEDICINE**

Co Organised by

**BHARATI VIDYAPEETH DEEMED UNIVERSITY
(COLLEGE OF AYURVED)**



1st International Conference on Advances in Asian Medicine- ICAAM 2016

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- I. INAUGURAL CEREMONY
- II. ORATION AND AWARD FUNCTION
- III. ICAAM AT A GLANCE
- IV. ICAAM PARTICIPATION
- V. PRE CONFERENCE WORKSHOPS WITH INTERNATIONAL EXPERTS
  - A. Workshop on Yoga
  - B. Workshop on Clinical Research Methodology
  - C. Workshop on Transcendental Meditation
- VI. SYMPOSIA
  - A. Symposium on Ethnopharmacology - Validation Of Traditional Medicine
  - B. Symposium On Sowa Rigpa [Tibetan Medicine] Medicine Industry As Pharmaceutical Assemblage
  - C. Symposium On Process And Implementation Of Access And Benefit Sharing Mechanism For Biological Resources
- VII. PLENARY SESSIONS
  - A. Plenary Sessions list
  - B. Panel Discussion on Integrative Trans-Disciplinary Approach for Evidence Based Traditional Medicine.
- VIII. SCIENTIFIC SESSION- ORAL AND POSTER
- IX. PUBLICATIONS
- X. ICAAM ATTRACTIONS
  - A. Demonstration
  - B. Cultural programme
  - C. Exhibition stalls
- XI. ROUND TABLE DISCUSSIONS
  - A. Asian Medicine: Asian Strategy For Global Reach
  - B. Research & Technology Accelerated Growth For Ayush
  - C. Leveraging Ayurved: Industry Issue Participation From Industry
- XII. VALEDICTORY  
RECOMMENDATIONS - ICAAM 2016  
ACKNOWLEDGEMENTS

## **ICAAM 2016**

This First International Conference for Advances on Asian Medicine- ICAAM 2016 held on 3-7 January 2016, at Hotel Orchid, Balewadi, Pune.

It was indeed a most memorable and historical event in the life span of thirty five years of Indian Association for the study of Traditional Asian Medicine [IASTAM-India], to organize 1<sup>st</sup> International conference on Advances in Asian Medicine with theme 'Asian Medicine : Global reach' in association with Bharati Vidyapeeth University, College of Ayurved, Pune.

After successful organization of various National Seminars, Conclaves, Symposia, Discussions and Debates, IASTAM India decided to organize 'International Conference on Asian Medicine' to initiate dialogue between policy makers, researchers and academicians to create international alliance in the area of Asian Medicine. The objective of the conference was to develop Asian Systems of Medicine for health care delivery for benefit of the people and provide a platform to serve its cause.

To provide a platform to academicians, practitioners, policy makers and researchers to discuss and debate the recent developments in the Asian Medicine and their implications for coming decades 3 Pre Conference Workshops, 3 Symposia, Plenary, Round Table Discussions, Oral and Poster Sessions were organized by giving enough scope for exchange of different views and perspectives on various themes such as Historical, Classical and Textual studies, Principles and Practices, Humanities and Social Science Research, Technology and Development, Biomedicine, Advances and Interface, Pharmaceuticals, Industry and Institutional medicine Bio-resource and Ecological balance. 700+ delegates were registered including 70 International delegates. Selected 135 scientific papers and 18 posters were presented by registered delegates.

## **I. INAUGURAL CEREMONY**

The conference was inaugurated by Shri Shripadaji Naik, Honourable Minister of state, [Independent Charge], Ministry of AYUSH. Dr. Shivajirao Kadam, Vice Chancellor, Bharati Vidyapeeth Deemed University, Dr. Narendra Bhatt, President IASTAM- India, Dr. Abhijit Patil, Principal BVDU College of Ayurved, Pune, Dr. Ashwinikumar Raut, Secretary General and other dignitaries graced the function. This event was unique in many ways for IASTAM-India and Dr. Bhatt.

Dr. Narendra Bhatt was given a welcome speech.

**Dr. Narendra Bhatt, President IASTAM-India** shared that on the same day-4<sup>th</sup> January in 1990, IASTAM India had organized ICTAM III -one of the first biggest international gathering in the history of India. Dr. Bhatt was the Conference Secretary then. IASTAM is the first and only multidisciplinary organisation in the country and adheres to the policy of interdisciplinary dialogue. IASTAM is committed to study and promote Asian Medicine, including Indian systems of medicine (AYUSH) for their rightful place and national & global health with medical care. IASTAM India strives to provide interdisciplinary platform to bring together Traditional Asian Medicine for integrative dialogue with different scientific disciplines and policy makers to strengthen its value for effective use. Asian countries represent 4/6<sup>th</sup> of the world. These people have aspirations. Asian Medicine can contribute to the health care with better care at low cost that will be a big contribution to the development of the countries. There is a need to evolve the integration with social components, social events, challenges of time, economics of time and life style we lead today. We will try our best to connect systems within India and Asia. We would like to bridge disciplines for the contribution to systems which can bring development of AYUSH.

**Dr. Abhijit Patil, Principal, College of Ayurved** gave brief about ICAAM 2016. The conference has provided a strong platform to encourage disciplinary and multidimensional studies in the field of indigenous and traditional systems of Asian Medicine ranging from Ayurved, Siddha, Yoga, Sowa Rigpa and Korean Medicine. Traditional Medicine has many advantages as documented knowledge base, potential for scrutiny, contemporary needs and applicability, capability for benefit of community. The aim is to develop Asian approach for global acceptance of Asian Medicine. The glance at the themes and topics dealt with proves the diversity of the subject.

**Shri Shripadaji Naik, Minister of State (Independent Charge), Ministry of AYUSH**, expressed his privilege to be present and was happy to see the large participation from different parts of the world with the diverse range of Delegate and participants.

He expressed that the traditional medical practitioners have to play an active role in the health care of the country. He appreciated that in spite of tremendous advancement in the conventional medicine in many parts of the country; mainly in rural areas the traditional or indigenous medicine is the only medicine available within the financial reach to the people. The real potential of this system for the promotion and holistic management of disease needs to be harnessed properly for which, all the stake holders in private and public sector must take concrete step for the development of traditional medicine in dealing with health care. India is a probably only country that has accorded exclusive policy for traditional medical system and set up the separate Ministry. Since inception the efforts of the Ministry for promotion and development of AYUSH have been appreciated across the globe, particularly since 24<sup>th</sup> June was declared as International day of Yoga by Union Government and was celebrated with much enthusiasm and spirit across 192 countries and MOU's were signed with foreign countries for co-operation to promote traditional medicine. Traditional medicine sector is the result of commitment to promote our own health care system, knowledge and heritage. Shri Shripadji Naik assured that our Prime Minister is very much interested in developing these systems for exchanging with mainstream and development of health care delivery network of the country. Under his leadership the efforts has been done to strengthen the AYUSH infrastructure and quality of services and their outreach. ICAAM 2016 is the most appropriate platform at right time to discuss and plan co-operative activities within the Asian region for the development of traditional Asian Medicine. There is a need for Asian Countries to look at common issues that may have common solutions. We can come together to provide the health benefit to our people through the traditional medicine and play significant role in economic development of this region. There is need for the scholars and other experts not only from the traditional medicine but also biomedicine and other traditional medicine system including the ethno medicine and tribal medicine to come together, to mandate relevant activities that will help promoting the use of the system and evolve as a part of health care delivery. To promote safe and effective use of traditional medicine by encouraging the scientific learning, training and research for developing products, regulation of practices with quality control measures, to create laws and regulations for quality, safety and effectiveness of the medicine, universal health coverage and integration of effective health delivery system. He appreciated that IASTAM has vision to recognize the cause for the systems and has made efforts to encourage and motivate the scholastic and research activities. He also expressed that IASTAM - AWARDS are the honour to the awardees for their sincere commitment and their consistent efforts to rise above and try for the best in the field of traditional medicine.

**Dr. Shivajirao Kadam Vice Chancellor, Bharati Vidyapeeth Deemed University** warmly welcomed all and offered best wishes for a happy and prosperous new year. He believed it was indeed a great honour for the university and IASTAM to have the presence of Hon. Minister of State, Shri Shripadji Naik at Inaugural function. He expressed that the conference is very significant in particular to the University for various Reasons. IASTAM has given an opportunity to be a partner in organizing this conference. IASTAM has been doing significant work to strengthen the traditional Asian System of medicine. We at this university are greatly impressed by IASTAM aims and objectives and achievements. It is since long that our University is having Academic collaboration with IASTAM. We are happy to promote the cause of Ayurveda and Indigenous system and I am happy that the IASTAM conference has being organized immediately after the silver jubilee of the college. It is a matter of great satisfaction that people in the medical field as well as common people have realized the significance of the special centric treatment practiced in Ayurveda. Ayurvedic medicines have mostly natural and herbal contents. They have minimal negative impacts, we are happy that now efforts are being made to adapt and nurture the patient centric system of diagnosis. We need to undertake research with respect to herbal drugs at cellular and molecular level. More the research more will be the possibility of developing medicines for various elements. He said that research is primarily an area of therapeutics and he strongly feels that the manufacturers of medicine and academic institutions should come together. They can develop research tradition in collaboration with each other. It will effectively result into support for these traditional systems of medicine. The issue related with traditional systems of medicine need research with patient centric personal approach. He heartily welcomed all Hon. guests and dignitaries present and wished the conference a success.

**Shri Sureshji Prabhu, Hon. Minister of Railway, Government of India** was unable to attend the inauguration function but it was very nice of him that, with the help of our event management team, a video message with wishes and blessings from Shri Sureshji Prabhu was arranged at the conference on 6<sup>th</sup> January 2016. He said we need to be healthy and wealthy as well. Importance of health is for getting wealth and importance for wealth is to maintain health. Soul plays an important role in spiritual element of body. Ayurved has a traditional heritage and it has been preserved by our expert ancestors. We have to preserve it further and take it forward. He conveyed his wishes to the conference and congratulations to the organisers.

## II. ORATION AND AWARD FUNCTION

IASTAM India felicitated 11 distinguished scholars and personalities for their outstanding contribution. It included 3 orations, 8 awards.

|                                                                                                             |                                  |
|-------------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>‘Pandit Shiv Sharma’ Oration<br/>For Promotion of Ayurved</b>                                            | <b>Dr. B. M. Hegde</b>           |
| <b>‘Zandu International’ Oration<br/>For Research Contribution to Ayurvedic And<br/>Natural Products</b>    | <b>Dr. V. K. Joshi</b>           |
| <b>‘Prof. K. N. Udupa’ Award<br/>For Contribution to Research in<br/>Indigenous Systems of Medicine</b>     | <b>Prof. Urmila thatte</b>       |
| <b>‘Dr. K. M. Parikh’ Award<br/>For Contribution to Development of Ayurvedic<br/>Pharmaceutics</b>          | <b>Dr. Pulok Mukherjee</b>       |
| <b>‘Shri Jugatram Vaidya’ Award<br/>For Excellence in Ayurvedic Teaching</b>                                | <b>Prof. B. L. Gaur</b>          |
| <b>‘Shri Mathuradas Parikh’ Award<br/>For Excellence in Ayurvedic Profession</b>                            | <b>Vd. S. P. Sardeshmukh</b>     |
| <b>‘Vaidya Haribhau Paranjape’ Award<br/>For Excellence in Shalya Tantra</b>                                | <b>Prof. Manoranjan Sahu</b>     |
| <b>‘Yoga Forum Munchen Patanjali’ Award<br/>For Excellence in Interdisciplinary Development<br/>of YOGA</b> | <b>Dr. Shirley Telles</b>        |
| <b>‘Shri Gopaldas Parikh’ Award<br/>For Phytopharmaceutical Research</b>                                    | <b>Dr. Amit Agarwal</b>          |
| <b>‘Zandu International’ Award<br/>For Research Contribution to Ayurvedic And<br/>Natural Products</b>      | <b>Dr. Nandakumara Sarma</b>     |
| <b>‘Rasvaidya Nagindas Shah’ Award<br/>For Contribution In Rasashastra</b>                                  | <b>Prof. Sidhvinandan Mishra</b> |

IASTAM – BVU, National Ayurved Scholar Awards in three category for Best Ph.D. thesis, Best M.D. / M.S. dissertation at national level were awarded.

Recipients of awards were

|                                                    |                               |
|----------------------------------------------------|-------------------------------|
| Best Ph. D. thesis                                 | - Dr. Kalpana Budhaji Kachare |
| Best M.D. dissertation                             | - Dr. Veena Kupati            |
| Best Ph. D. thesis (Bharati Vidyapeeth University) | - Dr. Priyadarshini Kadus     |

### III. ICAAM AT A GLANCE

| <b>ICAAM 2016</b>                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>3 Pre Conference Workshops :</b><br><i>Yoga</i><br><i>Clinical Research Methodology</i><br><i>Transcendental Meditation</i>                                                                                                        |
| <b>3 Symposia:</b><br><i>Ethonopharmacology</i><br><i>Sowa Rigpa</i><br><i>Biodiversity</i>                                                                                                                                           |
| <b>15 Plenary Lectures including IASTAM Orations</b>                                                                                                                                                                                  |
| <b>3 Round Table Discussions:</b><br><i>Asian Medicine: Asian Strategy for Global Reach</i><br><i>Research &amp; Technology Accelerated Growth for AYUSH</i><br><i>Leveraging Ayurved: Industry Issue Participation from Industry</i> |
| <b>135 Oral Paper Presentations &amp; 18 Poster Paper Presentations including 3 National Scholar Awards Presentations</b>                                                                                                             |

### IV. ICAAM PARTICIPATION

There were 700+ Participants at ICAAM 2016.

|                                                                                                                     |       |
|---------------------------------------------------------------------------------------------------------------------|-------|
| *Preconference workshop Yoga / Transcendental Meditation / Clinical Research Methodology on 3 <sup>rd</sup> January | - 101 |
| *Symposia Ethno pharmacology, Biodiversity& Sowa Rigpa                                                              | - 178 |
| ICAAM Delegates                                                                                                     | - 537 |
| VIP                                                                                                                 | - 18  |
| Awardee                                                                                                             | - 11  |
| Invitee                                                                                                             | - 28  |
| Committee                                                                                                           | - 32  |
| Media                                                                                                               | - 18  |

\*Some of the participants were common for Preconference, Symposia and ICAAM 2016.



## **V. PRE CONFERENCE WORKSHOPS WITH INTERNATIONAL EXPERTS**

### **A. Workshop on Yoga**

#### **Yoga – Applied Perspectives!**

A two day pre-conference workshop on Yoga was held on 2<sup>nd</sup> January 2016 at Kaivalyadham, Lonavala and on 3<sup>rd</sup> January 2016 at Hotel Orchid, Pune. The workshop was carried out under the guidance of Dr. Subhodh Tiwari, Dr. Narendra Bhatt, Prof. Reinhard Bogle and Coordinated by Dr. Kirti Bhati.

It included 85 delegates out of which 29 were from Yoga Forum, Germany. The workshop was aimed at experienced discourses on specific subjects of Yoga, training and learning of certain yogic exercises and update on newer advances and opportunities.

Topics like Pranayam, Renaissance of Yoga, Recent Researches, Policies on Yoga, Concept of Yoga were discussed. This workshop was union of the traditional aspects and the modern perspective of yoga as a science.

The first day of the workshop was held at the Yoga Institute, Kaivalyadham Lonavala

- **Opening Remarks** were given by Principal Dr. B R Sharma and he welcomed the delegates.
- **Opening session** started by an enlightening lecture and demonstration on “Pranayam and Shuddhi Kriyas” by Dr. Sandya Dixit
- **Lively discussion** by Dr. Satish Pathak on the scientific approach of Shuddikriyas and the various therapeutic modalities, anatomical and physiological interpretation of yoga useful in managing various disorders and the probable mechanisms involved in such therapy was well appreciated by delegates.
- **Session** by Dr. Sharad Bhalekar helped to understand the cultivation of psychological attitude and change in personality in psychosomatic diseases.
- ❖ **Special Visit** was arranged to the Samadhi of Swami Kuvalananda, treatment unit (Ayurvedic Panchkarma and Naturopathy) Research department and publication department.

The first day of the workshop concluded with the blessings of Swami Maheshanandji.

2nd day of the workshop was held at Hotel Orchid, Pune

- Principal Dr. B R Sharma discussed the Renaissance of yoga where he explained the traditional aspects with contemporary view.
- Dr. Subodh Tiwari, Administrator, Kaivalyadham gave a talk on the present Government policies in yoga and the implementation of the same in India.
- Dr. Kirti Bhati talked on the concept of disease from yogic perspective.
- Dr. Shirley Telles presented the ongoing research in India in various areas.
- Prof. Reihnard Bogle discussed the futuristic perspectives of yoga.

### *Outcome*

The workshop helped to bring together traditional aspects of yoga and modern perspective as a science thereby elucidates its universal relevance.

## **B. Workshop on Clinical Research Methodology**

### **Different Paradigm: Different Approach!**

Clinical Research Methodology Preconference Workshop was held on 3<sup>rd</sup> January 2016 at Hotel Orchid. The conference was lead by Prof. Mark Langweiler, Dr. Narendra Bhatt and coordinated by Dr. Priyadarshini Kadus and Mrs Smita Nimkar.

60 scholars and faculty attended the workshop which aimed for Clinical Research in Academic, Product Validation, Product Development, Therapeutic Rationale, Treatment Validation and Deriving Integrative Specificity.

The topics covered were focused on basics of Research Inquiry, Formulating Research Questions, Aims, Objectives, Creating Hypothesis, Study Designs, CRFS, Drug and Therapy Standardization. It was a combination of modern biomedical clinical research methods and issues in Ayurvedic clinical and CAM research while applying these methods.

The experts present deliberated and gave valuable suggestions and agreed for the need of different approach for clinical research in CAM and AYUSH.

The unique method of the workshop lead to productive and definite outcome and was highly appreciated by seniors like Prof. R. H. Singh. Participants recommended that such more workshops be organized.

### ***Outcome-***

- ❖ Need for different approaches for clinical research.
- ❖ Modern perspective of research.
- ❖ Find solutions for various issues in clinical research.

## **C. Workshop on Transcendental Meditation**

Transcendental Meditation Workshop was held on 3<sup>rd</sup> January 2016 conducted by Maharishi Ayurved under guidance of Shri Girish Momaya.

Transcendental Meditation or TM as formulated by his Holiness Maharishi Mahesh Yogi is a scientifically proven, natural and effortless technique to give deep rest to the body, relieve it from stress and tensions and to develop its full creative potential.

TM is about contentment, creativity, intelligence, awareness, health, efficiency, alertness and enlightenment. TM has unprecedented benefits in all areas of life including health, education, and development of mental potential, behaviour & relationships and can even lead to world peace.

The workshop was about simple, natural, easy, effortless, effective technique, which gives deep rest to the body, relieve stress & tensions and develop full creative potential, efficiency, alertness and enlightenment.

The experts present at the workshop deliberated and presented scientific research studies on various disorders. They discussed about benefits of TM in all area of life including mental and physical health, for maintaining good health, self development and better health habits.

### ***Outcome-***

15 - 20 minutes practice of TM twice daily gives energy, enjoyment, peace, happiness, rest and self actualization.

## VI. SYMPOSIA

### A. Symposium on Ethnopharmacology - Validation Of Traditional Medicine

Symposium on Ethnopharmacology-*Validation of Traditional Medicine* was held on 4<sup>th</sup> January 2016. It was jointly organized by Bharati Vidyapeeth University Poona College of Pharmacy and Society for Ethnopharmacology under auspices of IASTAM. The symposium emphasized promotion of traditional medicinal knowledge of plants and natural products through validation by scientific methods.

Eminent speakers from renowned research organizations delivered lectures. The programme started with the welcome address by Dr. Sathiyarayanan L, coordinator of SFE Pune Chapter. Dr. Pulok Mukherjee, the Secretary of SFE India explained the roles and responsibilities of the society. Prof. S.S. Handa, Former Director RRL, Jammu elaborated the importance of herbal medicinal plant research in his key note address. Dr. K.R. Mahadik, Principal, BVDU Poona College of Pharmacy, Mr. Indraneel Das, Vice President SFE-India and Dr. Narendra Bhatt, President, IASTAM were present in the opening session.

The details of scientific session is as follows

|                                                                                                                                                                        |                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Scientific Session I</b>                                                                                                                                            |                                                                                                        |
| Chair: Dr. P.D. Chaudari, Co-Chair: Dr. D.Kannur                                                                                                                       |                                                                                                        |
| Speakers                                                                                                                                                               | Topic                                                                                                  |
| Dr. Indraneel Das, Vice President, Society for Ethnopharmacology.                                                                                                      | Naturally Occurring Toxins in Fruits and Vegetables: An investigative approach to unexplained sickness |
| Dr. A.G. Naik, Scientist G, Agarkhar research Insitute                                                                                                                 | Development of Quality Standards for Indian Medicinal Plants                                           |
| Dr. Sanjay Banerjee, Scientist E, Drug Discovery Research Center, Translational Health Science and Technology Institute (THSTI) NCR Bistec science cluster, Faridabad. | Garlic and Diallyldisulfide attenuates cardiac hypertrophy via activation of mitochondrial biogenesis  |
| <b>Scientific Session II</b>                                                                                                                                           |                                                                                                        |
| Chair: Dr. Anagha Joshi<br>Co-Chair: Dr. Arulmozhi.S                                                                                                                   |                                                                                                        |
| Dr. Baskar Shah, Scientist G, NCCS, Pune                                                                                                                               | Leishmania Macrophage interaction                                                                      |
| Mr. AkshayCharegaogar, AnchromPvt Ltd, Mumbai.                                                                                                                         | Herbal analysis - Role of Hyphenated HPTLC                                                             |

There were two parallel sessions where 24 oral presentations and 65 posters were presented. 150+ delegates participated at the symposium. The symposium ended with Valedictory function. Dr. Sathiyarayanan summarized the whole event and highlighted the areas where the herbal research needs improvement. A prominent senior pharmacologist Dr. Bodhankar was felicitated for his contribution in pharmacological research.

Dr. Pulok Mukherjee expressed the vote of thanks.

#### ***Outcome-***

Validation of Traditional Medicine needs improvement and continuous efforts are needed through scientific approach.

## **B. Symposium On Sowa Rigpa [Tibetan Medicine]**

### **Medicine Industry As Pharmaceutical Assemblage**

This symposium was held on 5<sup>th</sup> January 2016. It was organized and sponsored by ERC Grant Project RATIMED ERC (Reassembling Tibetan Medicine), which is based at the Institute for Social Anthropology (ISA) of the Austrian Academy of Sciences (AAS) in Vienna, Austria in association with IASTAM India. The symposium panel organisers were Dr. Stephan Kloos & Dr. Calum Blaikie from Austrian Academy of Sciences ERC Project RATIMED.

The symposium aimed to share preliminary project results and foster collaboration and coordination on the professional and policy levels.

The panel of 9 experts discussed various new insights for the diverse clinical, socio cultural, political, economic and environmental aspects and contexts of the Sowa rigpa pharmaceutical industry.

They discussed various issues related to challenges and solutions for raw materials, pharmaceutical production and innovation including issues of efficacy, drug safety, and quality, traditional pharma market and intellectual / cultural property.

| <b>Abstract Title</b>                                                                                     | <b>Institution</b>                                                                         | <b>Presenter Name</b>                        |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------|
| Making Sowa Rigpa medicines in Ladakh: Emerging issues and Dynamics                                       | Institute for Social Anthropology, Austrian Academy of Sciences                            | Dr. Calum Blaikie                            |
| The Transnational Sowa Rigpa Industry in Asia                                                             | Institute for Social Anthropology, Austrian Academy of Sciences                            | Dr. Stephan Kloos                            |
| The Current Situation of Tibetan Medicine in India and the World                                          | Department of Sowa Rigpa, Central University of Tibetan Studies                            | Prof. Lobsang Tenzin Rakhdo                  |
| Current Situation and Future Perspective on the Pharmaceutical Industry of Traditional Mongolian Medicine | Head, Expert Commission of Traditional Medicine Mongolian Ministry of Health               | Prof. Dr. Khamba Lama Damdinsuren Natsagdorj |
| Current Status and future trajectory of Sowa Rigpa medicine production in India                           | National Research Institute for Sowa Rigpa, Ministry of AYUSH, Govt. of India, Leh, Ladakh | Padma Gurmet                                 |
| Standardizing Sowa Rigpa: The Integration of Tibetan Medicine in India's AYUSH System                     | Central Council for Tibetan Medicine                                                       | Dr. Tsering Tsamchoe                         |
| The Quality Control of Men-Tsee-Khang's Herbal Products                                                   | Tibetan Medical & Astro Institute (Men-Tsee-Khang), Dharamsala                             | Tsering Wangmo, MSc.                         |

### ***Outcome-***

To assemble the data on these four domains to map out a bigger picture of the Sowa Rigpa industry and generate a better understanding of its development, challenges, and consequences from different scholarly and applied perspective.



## **C. Symposium on Process and Implementation of Access and Benefit Sharing Mechanism for Biological Resources**

This symposium was held on 6<sup>th</sup> January 2016. It was jointly organized by IASTAM India and Bharati Vidyapeeth University, College of Ayurved, Department of Dravyaguna Vigyan in association with Maharashtra State Biodiversity Board, Nagpur. 42 delegates from different fields of drug industry, academicians, professionals, ayurvedic drug traders from all over India were participated. Publication by MSBB on guidelines on access to biological resources and association knowledge and benefits sharing regulations, 2014 was released.

The inauguration of symposium was followed by facilitation of guest. Dr. Abhijeet Patil, Principal, BVDU, College of Ayurved (COA), Pune gave the welcome speech with introduction of BVDUCOA. The theme of symposium was introduced by Dr. Shobha Khilari (Asso. Prof. Dept. of Dravyagun). The actual role on MSBB and guidance regarding biodiversity act from MSBB was addressed by Chief guest Dr. Vilas Bardekar, Chairman MSBB. Dr. Shailesh Gujar (Secretary MAMA); representative from industry explained the view of manufacturing industry on bio-diversity act. The Chairperson, Dr. Narendra Bhatt (President IASTAM) briefed about ICAAM and IASTAM and guided about the symposium.

Following topics were discussed

- 1) **Dr. Dileep Gujar**, Bio-consultant, MSBB, guided on biological diversity act-2002 and functions of BMC'S. He explained about background of the biological diversity act, 2002, regulation to access of bioresearches and the role of state biodiversity board in regulation of bio-resources.
- 2) **Dr. Rahul Mungikar**, Senior Research Consultant, MSBB discussed the approach on documentation of PBR and its rational for industries, important facts of PBR and suggestive road map fulfilment.
- 3) **Dr. N. D. Chowdhary**, as legal consultant from MSBB enlightened the symposium with process of access and benefit sharing mechanism.
- 4) **Mr. Vivek Yennarwar**, Pharmaceutical expert from MSBB, guided on process of application associated with MSBB and details. He emphasized biological resources as value added products bio -resources and Bio-utilisation, commercial utilisation, Processing and applications at NBA.

The invited speakers from manufacturing Industry shared their views and discussed on the following topics.

1. **Dr. Ramdas Kute** focused on “Practical Approach for bio-conservation with the perspective of ayurvedic industry.
2. **Dr. Jayant Abhyankar** guided on “Bio-diversity–Purpose and contribution of Ayurvedic Industry to fulfil.”
3. **Mr. Baba Vrundavan** from Dabur guided on “Sustainable use of bio-resources: need for consortium approach.
4. **Mr. Amit Agarwal** from Natural Products guided on “General Aspect of process and Implementation of Biological Resources.”

Suggestions for improvement of infrastructure of guidelines on Access to Biological Resources and Benefit sharing regulation, 2014 were discussed and actively voted. There was a request and demand for next symposium with same theme.

**From the Industry point of view following suggestions were brought out**

1. Well defined ABS mechanism,
2. Subsidy and concession mechanism in ABS system
3. Consideration of different view on cultivated and non-cultivated resources.
4. Procedure of implementation should be clear.
5. Preparation of road map for utilisation of biological resources.

Considering all above issues the MSBB has assured to take and implement the required steps for the betterment of Bio-Diversity act in future.

***Outcome***

- Producers, collectors and end users if involved in society welfare will be considered for concessions.
- To Assure period of 5years for drug industry people for the workout of the ABS mechanism.
- To encourage the industry for plantation.
- Exemptions for medicine to be considered till the road map for utilisation of biological resources is developed.
- Commodity list to be prepared for endangered species and its applications to be looked after.

## VII. PLENARY SESSIONS

There were four plenary sessions with 14 eminent scholars presenting their views which generated a healthy debate on many issues. These sessions were chaired by distinguished experts known for their outstanding contributions to the research and policy making in respective areas. Panel discussion on Integrative Trans-disciplinary approach for evidence based traditional medicine was conducted by MRC and Ayurvardhini.

### A. Plenary Sessions list

| Speaker Name                                                      | Topic                                                                                                                                                                   | Chair person                              |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Monday, 4 <sup>th</sup> January 2016,Time- 9.15 am to 11.15 am    |                                                                                                                                                                         |                                           |
| Dr. B.L. Gaur                                                     | Contemporary Research Leads From Charaka-Samhita                                                                                                                        | Prof. Dr. R. H. Singh                     |
| Dr.Siddhinandan Mishra                                            | Ayurved- Rasashastra                                                                                                                                                    |                                           |
| IASTAM Oration Time-4.00 pm to 6.00 pm                            |                                                                                                                                                                         |                                           |
| Dr.Nandkumar Sharma                                               | Zandu International Oration<br>Quality Standards For Natural Products                                                                                                   | Padamavibhusan<br>Dr. Raghunath Mashelkar |
| Dr.V.K.Joshi                                                      | Changing Scenario Of Ayurveda: In Global Perspective                                                                                                                    |                                           |
| Shirley Telles                                                    | Yoga for physical and mental wellbeing'                                                                                                                                 |                                           |
| Tuesday, 5 <sup>th</sup> January 2016, Time- 4.00 pm to 6.00 pm   |                                                                                                                                                                         |                                           |
| Dr.GirishMoma ya                                                  | Maharshi Mahesh Yogi's contribution to revive Ayurved to its completeness and bringing to the World                                                                     | Dr. Subhash Ranade                        |
| Dr.LotharPirc                                                     | Treating 20,000 Patients with Panchakarma in Germany                                                                                                                    |                                           |
| Dr. Karin Pirc                                                    | Overview of Scientific Research on Maharishi Ayurveda.                                                                                                                  |                                           |
| Dr. John Fagan                                                    | Regulating Genes for stress response, Inflammation and Tumour suppressions through Transcendental Meditation.<br>Importance of safety and Purity of Ayurvedic products. |                                           |
| Wednesday, 6 <sup>th</sup> January 2016, Time- 4.00 pm to 6.00 pm |                                                                                                                                                                         |                                           |
| Dr. Jose Rugue                                                    | Integrating Ayurveda, Yoga and Jyotish as a powerful world system of healing and prevention                                                                             | Dr. D.C. Katoch                           |
| Dr. S.N. Gupta                                                    | Ayurvedic Management of chronic renal failure                                                                                                                           |                                           |

|                                                               |                                                              |                  |
|---------------------------------------------------------------|--------------------------------------------------------------|------------------|
| Dr. Rais – Ur – Rahman                                        | Unani Medicine                                               |                  |
| Prof. Yeonseok Kang                                           | Education and evaluation of Korean medicine<br>Kang Medicine |                  |
| Thursday, 7 <sup>th</sup> January 2016 11.00 am to 12.00 noon |                                                              |                  |
| Dr. B.M. Hegade                                               | Oration speech                                               | Dr. Ashok Vaidya |

## **B. Panel Discussion on Integrative Trans-Disciplinary Approach for Evidence Based Traditional Medicine.**

Traditional Medicine (TM) has been a live part of the medical practice, accepted by the society for many generations. The very continuity of patronage of TM, by the community at large, bespeaks of its value in the contemporary healthcare. It goes without saying that its judicious integration with modern science and technology could bring novel relevance and meaning to the TM. This would add to the prospects of enhanced global healthcare, in terms of affordable and safe interventions.

The sciences of drug discovery and development have revolutionized modern therapeutics. Integration of the pharmaceutical advances to the quality, standardization and safety/efficacy of the traditional natural products would facilitate and accelerate the R & D in traditional therapeutics. The efforts may lead to the opening up of new domains in therapeutics too.

### **Following topics were discussed**

‘Pharmaco-epidemiology in Traditional Medicine: Potential for Integration’ by Dr Rama Vaidya

‘Plant as a platform: Exemplified with *Tinosporacordifolia*’ by Dr. Urmila Thatte

‘Reverse Pharmacology as a Trans-disciplinary Bridge’ by Dr. Chhaya Godse

‘Digital Age in Ayurveda: Ease of Integration’ by Dr. Girish Tillu

‘Pedagogic Paradigm Shift for Traditional Medicine’ by Dr. Kishor Patwardhan

Panel discussion was coordinated by Dr. Ashwinikumar Raut

### ***Out come***

The aspects of TM need to be juxtaposed with the current life sciences for a necessary understanding, prior to integrative program of services, education and research in TM leading to safer, economical and sustainable healthcare delivery to the global community.

## VIII. SCIENTIFIC SESSION- ORAL AND POSTER

We have received an overwhelming response to our call for papers –200 abstracts were received from National and International delegates. Considering this enthusiastic response and the wide ranging topics of interest, 22 parallel oral sessions including poster sessions were organized to accommodate quality papers. There were 136 oral papers and 18 poster presentations included in the conference.

### Scientific schedule- Date 5<sup>th</sup> January 2016, Tuesday

| Time                     | Sessions                 | Theme                                                | Chairman             | Coordinator                                 | No. of Presenters |
|--------------------------|--------------------------|------------------------------------------------------|----------------------|---------------------------------------------|-------------------|
| Time-9.15 am to 11.15 am | Scientific session 1     | Research, Technology and Development                 | Dr. Veena Deo        | Dr. Madhuri Pawar , Dr. Sunanda Pedhekar    | 6                 |
|                          | Scientific session 2     | Research, Technology and Development                 | Dr. Pratibha Shah    | Dr. Kirti Bhati<br>Dr. Priya Kadus          | 7                 |
|                          | Scientific session 3     | Pharmaceuticals, Industry and Institutional Medicine | Dr. C.K. Katiyar     | Dr Madhavi Mahajan,<br>Dr. Manisha Bhalsing | 9                 |
|                          | Scientific session-4     | Principles and Practices                             | C. Shrikhande        | Dr. A.B. More<br>Dr. Nandini More           | 6                 |
| 11.30 am to 1.30 pm      | Scientific session-5     | Principles and Practices                             | Mark Langweiler      | Dr. Madhuri Pawar ,<br>Dr.Sunanda Pedhekar  | 8                 |
|                          | Scientific session-6     | Principles and Practices                             | Dr. Bhagyashri Khote | Dr. Kirti Bhati<br>Dr. Priya Kadus          | 7                 |
|                          | Scientific session-7     | Humanities and Social Science                        | Dr. Pawankumar       | Dr Madhavi Mahajan, Dr. Manisha Bhalsing    | 7                 |
|                          | Scientific session-8     | Research, Technology and Development                 | Dr. Jayashree Joshi  | Dr. A.B. More<br>Dr. Nandini More           | 7                 |
| 2.30                     | National Ayurved Scholar |                                                      | Dr. B.K.Gaur         | Dr. Yashashree                              | 3                 |

|               |                                    |                 |                                          |   |
|---------------|------------------------------------|-----------------|------------------------------------------|---|
| PM to 3.45 PM | presentations                      |                 | Joshi                                    |   |
|               | Yoga panel and paper presentations | Reinhard Bögle  | Dr Madhavi Mahajan, Dr. Manisha Bhalsing | 7 |
|               | Clinical methodology               | Mark Langweiler | Dr. A.B. More<br>Dr. Nandini More        | 4 |

### Scientific schedule-Date 6<sup>th</sup> January 2016, Wednesday

| Time                      | Sessions              | Theme                                     | Chairman           | Coordinator                                  | No. of Presenters |
|---------------------------|-----------------------|-------------------------------------------|--------------------|----------------------------------------------|-------------------|
| Time- 9.15 am to 11.15 am | Scientific session 9  | Research, Technology and Development      | Dr. Govind Reddy   | Dr. Madhuri Pawar , Dr. Sunanda Pedhekar     | 5                 |
|                           | Scientific session 10 | Research, Technology and Development      | Dr. Indira Anand   | Dr. Kirti Bhati<br>Dr. Priya Kadus           | 4                 |
|                           | Scientific session 11 | Historical, Classical and Textual Studies | Dr. G. Yeola       | Dr Madhavi Mahajan,<br>Dr. Manisha Bhalsing  | 6                 |
|                           | Scientific session 12 | Principles and Practices                  | Dr. S.N. Gupta     | Dr. A.B. More<br>Dr. Nandini More            | 7                 |
| 11.30 am to 1.30 pm       | Scientific session 13 | Research, Technology and Development      | Dr. Ashish Phadke  | Dr. Madhuri Pawar , Dr. Sunanda Pedhekar     | 7                 |
|                           | Scientific session 14 | Historical, Classical and Textual Studies | Dr. Ghazala Mulla  | Dr. Kirti Bhati<br>Dr. Priya Kadus           | 5                 |
|                           | Scientific session 15 | Principles and Practices                  | Dr. Asmita Wele    | Dr. Madhavi Mahajan,<br>Dr. Manisha Bhalsing | 4                 |
|                           | Scientific session 16 | Historical, Classical and Textual Studies | Dr. Pradip Vaisnav | Dr. A.B. More<br>Dr. Nandini More            | 4                 |

|                    |                       |                                                                                               |                       |                                             |   |
|--------------------|-----------------------|-----------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------|---|
| 2.30 PM to 3.45 PM | Scientific session-17 | Research, Technology and Development and Pharmaceuticals, Industry and Institutional Medicine | Dr. Kalpana Sathe     | Dr. Madhuri Pawar , Dr. Sunanda Pedhekar    | 5 |
|                    | Scientific session-18 | Principles and Practices                                                                      | Dr. Marvekar          | Dr. Kirti Bhati<br>Dr. Priya Kadus          | 6 |
|                    | Scientific session-19 | Pharmaceuticals, Industry and Institutional Medicine And Bio-resource and Ecological balance  | Dr. B.L.Gaur          | Dr Madhavi Mahajan,<br>Dr. Manisha Bhalsing | 4 |
|                    | Scientific session-20 | Biomedicine, Advances and Interface                                                           | Dr. Sandip Shirwalkar | Dr. A.B. More<br>Dr. Nandini More           | 9 |

## **IX. PUBLICATIONS**

Three publications were brought out during ICAAM 2016.

### **A. IASTAM - India Chronicle; Connecting Systems, Bridging Disciplines**

IASTAM India is one and only multidisciplinary platform & pioneer of conclaves. IASTAM has a trend of publishing its proceedings. This document is effort to put on record the activities and interdisciplinary exchanges and collaborative work. It is a record of happenings for posterity. It will have equal significance on future course of action, portraying 35 years of achievements of IASTAM.

### **B. IASTAM Oration & Awards; Aspiring Traditions**

This document is an effort to put on record the evaluation of an important process over a period of time, the consistent efforts put in by the concerned and their trustworthy commitment to achieve high standards. This book aims to encourage learning, growing and aspiring with a view that others capable in the organisation follow the path.

### **C. ICAAM Abstract & Program Book**

The book includes all program details of ICAAM 2016, abstracts of the scientific paper presentation and details of the happenings of the conference.



## **X. ICAAM ATTRACTIONS**

### **A. Demonstration**

Malkhambha live demonstration was held by German and Indian students of Samarth Vyayam Mandir, Mumbai under the guidance of Shri Uday Deshpande. The demonstration had attracted the attention of all the delegates at ICAAM 2016. The flexibility and determination of performers was astounding. It was highly appreciated by the participants at the conference.

### **B. Cultural programme**

Mrs Amruta Gogate performed Kathak dance. She and her associate presented the mudras and forms in simple language for the delegates to understand. The guests and delegates were enthralled by her gracious performance. Her performance was cherished and received a standing ovation.

### **C. Exhibition stalls**

20 various pharmaceutical companies had exhibited their products. The opening of the exhibition at ICAAM 2016 was done at the hands of Shri Shripadji Naik, Honourable Minister of State (Independent Charge), Ministry of AYUSH, ceremony held at the venue after ICAAM Inauguration. Hon. Minister, Shri Shripadji Naik along with Hon. Vice Chancellor BVDU Dr. Shivajirao Kadam, Dr. Narendra Bhatt, President, IASTAM – India visited the stalls and encouraged the exhibitors. IASTAM acknowledges the support of the various pharmaceutical companies.

## **XI. ROUND TABLE DISCUSSIONS**

Advancement of Asian Medicine was the theme of ICAAM 2016. With a view to discuss important issues and evolve specific points of action program, the idea of round tables was evolved.

Aim of these discussions was to develop the Asian Medicine through integrative approaches. Three round table discussions on R & T: Accelerated Growth for AYUSH, Leveraging Ayurved: Industry issue and Asian Medicine: Asian Strategy for Global reach were organized. Industry representatives, national and international researchers from various institutes participated. These sessions were chaired by Adviser Ayurved, Ministry of AYUSH and five action plans in each discussion were recommended.

The Round Table was meant for coming out with concrete stepwise recommendations. It was arranged in such a way that the experts present could express their views in a very precise and solutions oriented manner.

For each of the round table there were about 5 to 7 experts representing different areas. They were having experience in the area of Asian Medicine and worked with IASTAM in past. They deliberated on issues to provide focus to the discussions. The delegates actively participated at the round table discussion.

The following three subjects were identified in view of significance.

### **A. Asian Medicine: Asian Strategy For Global Reach**

#### **EXPERTS PARTICIPATED**

Dr. Stephan Kloss, *Austria*

Prof. Reinhard Bogle, *Germany*

Prof. Khamba Lama Natsagdorj, *Mongolia*

Miss Ji Youen, *South Korea*

Dr. Yashashree Joshi, *India*

Chair person- Dr. Narendra Bhatt, *India*

#### **THE FOLLOWING FIVE TOPICS WERE IDENTIFIED FOR DISCUSSION**

- Acceptance of ASM graduates, practitioners & professionals within the Asian countries
- Academic high level action programme
- Identification of experts, institutes and organisations for network creation of ASM among Asian countries on mutual & complementary collaboration
- Regulatory norms on Asian products

- Support from AYUSH to conduct bi-lateral and multi-lateral meetings: between 2 countries & more

Aim of the round table was to develop the Asian Medicine through an integrative approach and explore the potentials of its basic principles, fundamentals, drug products and health delivery system for growth of Asian medicines. It was expressed that the Asian medicine has its potential and the efforts should be made to promote it. The discussion was focused on to push forward the agenda of Asian medicine for its global acceptance and how to face the challenges. Common regulations & norms and methods were discussed. Also the rules and regulations those are missing and needed to be changed were discussed.

The title of Round Table was itself theme of this conference. IASTAM, at National and International level has been involved in deliberation since many years.

69 countries have similar kind of culture & beliefs, similar approach to medicinal plants, similar approach to their systems and knowledgebase. We need to come together and evolve modality which is more complementary to all the Asian systems. It was suggested to evolve Asian pharmacopeia for Asian medicine and AYUSH pharmacopeia of India.

For promoting a good cause the need was felt that associations like IASTAM and other associations can come together. It was emphasized that Asia has been an international society and many things can be learnt from each other. There is a need to create academic research platform and to create definite approach to regulatory processes.

The similar interactive meeting could be organised in the future with the initiative from Ministry of AYUSH with similar but specific agenda, with more participation in next 6 -7 months. IASTAM will be very happy to initiate this process.

## RECOMMENDATIONS

1. IT WAS RECOMMENDED THAT AN ACADEMIC AND RESEARCH PLATFORM BE CREATED
2. TO DEVELOP A TARGET BASED APPROACH TO EVOLVE COMMON REGULATORY PROCESSES AND MECHANISMS TO COME TOGETHER, AND DEVELOP MODALITIES TO COMPLIMENT EACH OTHER
3. PROVIDE A COMMON AGENDA ON ASIAN MEDICINE TO 'WHO'

4. AN OBJECTIVE COULD BE DEVELOP 'ASIAN PHARMACOPEIA'; IN INDIA SIMILARLY A COMMON 'AYUSH PHARMACOPEIA' COULD BE CONSIDERED
5. AN INTERNATIONAL MEET WITH ACTIVE AND OFFICIAL PARTICIPATION OF ASIAN COUNTRIES BE ORGANIZED BY THE MINISTRY OF AYUSH INITIATIVE. IASTAM INDIA CAN PROVIDE THE REQUIRED ACADEMIC AND ORGANIZATIONAL INPUTS FOR A PRODUCTIVE MEET
6. SOWA RIGPA SHALL FORM PART OF AYUSH ACTIVITIES IN THE FIELD OF ASIAN MEDICINE

## **B. Research & Technology Accelerated Growth For Ayush**

### **EXPERTS PARTICIPATED**

Dr. Ashok Vaidya, *India*

Dr. Swati Mohite, *India*

Dr. Pratibha Shah, *United States*

Dr. Asmita Wele, *India*

Dr. Johan Fagan, *United States*

Chair persons- Dr. Narendra Bhatt and Dr. D.C. Katoch, *India*

### **THE FOLLOWING FIVE TOPICS WERE IDENTIFIED FOR DISCUSSION**

1. Products: What Products? How to go about?
2. Validation of a Basic Principle/s
3. Programs with national significance
4. Technology Adaptation For Growth
5. International Collaboration

Research is a systematic activity containing both basic and applied research and aimed at discovering solution to problems or creating new knowledge and growth.

Technology is application of scientific knowledge for practical purpose essential for industry, machinery or device development. The need of Research and Technology was discussed. The importance of ownership of intellectual property such as patents, discovering new knowledge about products, processes and services and then applying that knowledge to create new and improved products was discussed. There is a need to develop newer product development processes to increase its validity, safety and efficacy for better consumer compliance.

### **RECOMMENDATIONS**

#### **I. PRODUCT DEVELOPMENT**

- A 18 - 24 MONTHS PROJECT ON PRODUCT DEVELOPMENT WHICH ARE ECONOMIC AND EFFECTIVE CONSIDERING CONSUMER COMPLIANCE, VALIDITY & SAFETY.
- A SEPARATE MEETING WITH DEPARTMENT OF AYUSH ON ISSUES OF R & T, A FULL DAY BRAINSTORMING SESSION COVERING DIFFERENT ASPECTS FOR A RESULT ORIENTED PROGRAM BE HELD

## **II. BASIC PRINCIPLES**

- AT LEAST 2 – 3 PROJECTS ON BASIC PRINCIPLES FOR EACH OF THE AYUSH SYSTEMS SHOULD BE TAKEN UP TO VALIDATE FUNDAMENTALS

## **III. NATIONAL SIGNIFICANCE**

- AYUSH FRATERNITY HAS THE CAPACITY AND READINESS TO TAKE ON CHALLENGES OF PRESENT DAY HEALTH & MEDICAL CARE.
- IT IS RECOMMENDED THAT FIVE (5) PROGRAMS OF NATIONAL SIGNIFICANCE BE TAKEN UP FOR DEVELOPING SOLUTIONS ON PRIORITY IN A TIME BOUND MANNER.
- SUCH SCHEME SHALL INVOLVE BEST OF AVAILABLE NATIONAL SKILLS AND CAPABILITIES AND CONDUCTED IN A NETWORKED MANNER COVERING DIFFERENT DIMENSIONS OF RESEARCH AND VALIDATION REQUIREMENT TO HAVE DESIRED IMPACT ON NATIONAL SCENE.

## **IV. TECHNOLOGY ADAPTATION**

- IT WAS RECOMMENDED THAT AS AYUSH IS ALREADY WORKING ON CANCER. 2 – 3 MORE AREAS TO BE FOUND MORE THAT MAY HAVE GLOBAL IMPACT. SUCH INTERNATIONAL COLLABORATION PROJECTS BE IDENTIFIED AND EXECUTED.

## **C. Leveraging Ayurved: Industry Issue Participation From Industry**

### **EXPERTS PARTICIPATION**

1. Shri ChadrakantBhanushali
2. Shri Nimish Shroff
3. Shri Shashank Sandu
4. Shri NageshSandu
5. Dr. Amit Agarwal

Chair persons- Dr. Narendra Bhatt and Dr. D.C. Katoch

### **FOLLOWING POINTS WERE DISCUSSED**

- COPP -Certificate of Pharmaceutical Product –
  - A meeting to be organized between Ministry of AYUSH, Drug Controller department and ADMA representatives to find a way out.
  - Certification with a different name to be worked out.
- Getting Observer status for Indian Government & Industry
  - urgent intervention from Government side is needed
- Phytopharmaceuticals & Nutraceuticals
  - Special meeting with Ministry of AYUSH
- Subsidy for infrastructural and functional improvement of in-house Quality Control Laboratory for ASU&H Drug Manufacturing Units.
  - Need of Industry is that costs incurred towards consultants, and related costs should also be considered
- Biodiversity-Industry viewpoint
  - well defined ABS mechanism concession mechanism in ABS system
  - different point of view on cultivated and non-cultivated resources.

Policy, safety, quality, rational use and accessibility are the building blocks for the development of Asian Medicine. IASTAM India had suggested industry to go ahead with 1 or 2 major issues but industry went ahead as per their approach and will take up their issues with Ministry of AYUSH in special meetings.

## XII. VALEDICTORY

At the end of the conference Valedictory function was held on 7<sup>th</sup> January 2016. Shri Ajit Sharan and Shri Jitendra Sharma both though had promised could not participated due to unavoidable circumstances.

Dr. D. C. Katoch, Adviser (AYU) Ministry of AYUSH, was Guest of Honour, Presided over by Dr. Rais – Ur – Rahman.

Dr. Narendra Bhatt and Dr. Abhijit Patil were on the dias.

**Dr. Narendra Bhatt, President, IASTAM – India** shared achievements of ICAAM 2016. He said “when we planned this event we had many dreams and ambitions. If I look back at last 1 year efforts, I feel that I have achieved reasonable well than what I had planned and as a group with Bharati Vidyapeeth University , college of Ayurved and my friends & colleagues there we did much better than what was expected by us at a particular stage. I am satisfied. A person who wants to move forward should not be satisfied; we have a long way forward to go. What could be the next agenda? We will have to explore the possibilities of how to create our leadership platform of Asian Medicine for international activities. We need guidance from the policy makers in the Ministry of AYUSH and help us to form the modalities.”

“ICAAM had more than 550 registrations and 275 participants from workshops and symposia. The total number has crossed 750 – 800 participants. There were 15 plenary including Orations, 3 Round Tables, 22 parallel scientific sessions, a poster session, 3 workshops and 3 symposia. For an organization like IASTAM with very very limited resources this is not less than achievement. Coming to the outcome; the best and thrilling part for us was the presence of Hon. Minister of AYUSH from Government of India, Shri Shripadji Naik and he not only remained here but he repeatedly interacted with some of us and with me 3 -4 times.”

“The text on Asian Medicines was planned to publish during the conference but as the editor of the book the decision was taken to be kept on hold because of insufficient quality standards. The team will be ready with manuscript and will publish soon.”

**Dr. D. C. Katoch, Adviser (AYU), Ministry of AYUSH** was happy with the ambience, all the sessions, parallel sessions, symposia, round table those were conducted in a very time bound manner. The discussions were focused, outcome oriented; in the form of recommendations with the proposal for mutual action. This platform must have representatives of all the systems which are practiced in the country. The officials from the government need to be in the loop. For future



whenever this kind of conference is organized, the government department representatives should also be invited to develop the ROADMAP and to take the necessary actions. Another strong recommendation which has emerged that this platform must have the representatives of all the systems which are practiced in the country. He assured that Unani and Siddha system will come under this platform because siddha is also our system. Homeopathy is the 2<sup>nd</sup> largest system after Ayurved. India has become the world leader in Homeopathy; it has become a part of Indian Systems of Medicine. He also recommended having a small e group for exchange of thoughts, ideas & information and to facilitate guidance for someone who may be interested to come to India and study Ayurveda To help them with the kind of scholarship or centres. With these words of encouragement he thanked the organisers for inviting and participating in discussion.

**Dr. Rais - Ur - Rahman Adviser (Unani), Ministry of AYUSH** said our aim is to provide service to the area, either from modern medicine or from AYUSH and traditional Indian system. We must realize our limitations and the strength of allopathy. I am always ready to co-operate to any extent, all sort of co operation for conducting organizing such a wonderful workshop in future. He said, there was a message you all the time should take about the love, passion and sympathy for the patient. Tu asamaki bulandi se laut ke aao hume jameen ke masle pe baat karni hai“means you come back from the height of the sky, we have the problem of the earth, small problem on which we need to talk about ground realities. He said “I have never attended such a wonderful workshop and conference. I am highly impressed with this. Dr. Bhatt; I had met him 1<sup>st</sup> time, but he is a visionary and on behalf of the Unani medicine, as advisor of Unani, Government of India and Director General CCRUM, I assure you all the help. I am always ready to co-operate to any extent, all sort of co-operation for conducting and organizing such a wonderful workshop in future”. He congratulated Dr. Bhatt and his entire team for organizing such a wonderful conference and thanked for a memorable experience.

**Dr. Manasi Despande, Organising Secretary** of the conference expressed vote of thanks.

## **RECOMMENDATIONS – ICAAM 2016**

### **A. Asian Medicine: Asian Strategy For Global Reach**

7. IT WAS RECOMMENDED THAT AN ACADEMIC AND RESEARCH PLATFORM BE CREATED.
8. TO DEVELOP A TARGET BASED APPROACH TO EVOLVE COMMON REGULATORY PROCESSES AND MECHANISMS TO COME TOGETHER, AND DEVELOP MODALITIES TO COMPLEMENT EACH OTHER.
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10. AN OBJECTIVE COULD BE DEVELOP 'ASIAN PHARMACOPEIA'.  
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11. AN INTERNATIONAL MEET WITH ACTIVE AND OFFICIAL PARTICIPATION OF ASIAN COUNTRIES BE ORGANIZED BY THE MINISTRY OF AYUSH INITIATIVE. IASTAM INDIA CAN PROVIDE THE REQUIRED ACADEMIC AND ORGANIZATIONAL INPUTS FOR A PRODUCTIVE MEET
12. SOWA RIGPA SHALL FORM PART OF AYUSH ACTIVITIES IN THE FIELD OF ASIAN MEDICINE

### **B. AYUSH - Research & Technology For Accelerated Growth**

#### **I. PRODUCT DEVELOPMENT**

- A 18 – 24 MONTHS PROJECT ON PRODUCT DEVELOPMENT WHICH ARE ECONOMIC AND EFFECTIVE CONSIDERING CONSUMER COMPLIANCE, VALIDITY & SAFETY.

#### **II BASIC PRINCIPLES**

- AT LEAST 2 – 3 PROJECTS ON BASIC PRINCIPLES FOR EACH OF THE AYUSH SYSTEMS SHOULD BE TAKEN UP TO VALIDATE FUNDAMENTALS

#### **III NATIONAL SIGNIFICANCE**

- AYUSH FRATERNITY HAS THE CAPACITY AND READINESS TO TAKE ON CHALLENGES OF PRESENT DAY HEALTH & MEDICAL CARE. IT IS RECOMMENDED THAT FIVE (5) PROGRAMS OF NATIONAL SIGNIFICANCE BE TAKEN UP FOR DEVELOPING SOLUTIONS ON PRIORITY IN A TIME BOUND MANNER.
- IV. INVOLVEMENT OF BEST

SUCH SCHEME SHALL INVOLVE BEST OF AVAILABLE NATIONAL SKILLS AND CAPABILITIES AND CONDUCTED IN A NETWORKED MANNER COVERING DIFFERENT DIMENSIONS OF RESEARCH AND VALIDATION REQUIREMENT TO HAVE DESIRED IMPACT ON NATIONAL SCENE.

- **V. TECHNOLOGY ADAPTATION**

IT WAS RECOMMENDED THAT AS AYUSH IS ALREADY WORKING ON CANCER. 2 - 3 MORE AREAS TO BE FOUND MORE THAT MAY HAVE GLOBAL IMPACT. SUCH INTERNATIONAL COLLABORATION PROJECTS BE IDENTIFIED AND EXECUTED.

**A FULL DAY BRAINSTORMING SESSION WITH MINISTRY OF AYUSH ON ISSUES OF R & T, COVERING DIFFERENT ASPECTS TO DEVELOP A IMPACTFUL RESULT ORIENTED PROGRAM BE HELD.**

**C. Leveraging Ayurved: Industry Issue Participation From Industry**

- INDUSTRY GAVE MANY RECOMMENDATIONS THAT WILL BE TAKEN UP WITH THE MINISTRY OF AYUSH IN FOLLOW-UP MEETINGS.

## **ACKNOWLEDGEMENTS**

**We sincerely acknowledge the support from MINISTRY OF AYUSH.**

We acknowledge the support from the Collaborators, Sponsors, Exhibitors, and Advertisers for ICAAM 2016.

IASTAM acknowledges the contributions and our sincere thanks to

### **Collaborators**

- Gujarat Ayurved University, Jamnagar
- All India Ayurvedic Congress, Delhi
- Swami Vivekanand Yoga Anusandhan Samthanam, Bengaluru
- International Academy of Ayurveda, Pune
- Yoga Forum, Munich, Germany
- Haffkine Institute for Training Research & Testing, Mumbai
- All India Ayurveda Specialists (Post Graduate) Association, Delhi

### **Associates**

- Yoga Institute, Kaivalyadham, Lonavla
- Maharishi Ayurveda
- Maharashtra Biodiversity Board, Nagpur
- Society for Ethnopharmacology , India [SFE- India]
- Ratimed
- AshtangAyurvedMahavidyalaya, Pune

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- Ayurvedic Drug Manufacturers Association (ADMA)
- Association of Manufacturers of Ayurvedic Medicines (AMAM)

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