

**PROCEEDINGS of a short course entitled
“TRANSFORMING NUTRITION IN INDIA: IDEAS,
POLICIES AND OUTCOMES”**

7th-11th December, 2015

**Organized by
Centre for Chronic Disease Control and Public Health Foundation
of India in Partnership with the Transform Nutrition Consortium**

**Course Directors:
Prof. Lawrence Haddad (USA)
Prof. Aryeh D. Stein (USA)
Dr. Purnima Menon (India)
Dr. Shweta Khandelwal (India)**



Day 1

7th December 2015, Monday

The five day course commenced with **welcome remarks** from **Prof. D. Prabhakaran and Prof. Ramanan Laxminarayan**.

This was followed by lectures delivered by the faculty addressing various issues. The details are as follows:

Course overview, nature of the problem and conceptual background by Prof. Lawrence Haddad and Dr. Purnima Menon: The purpose of the five day course was broadly discussed as to how the available evidence will be marshaled in order to accelerate nutrition reduction in India specifically. Also the course aimed at giving the participants with a new reference group outside of workplace. This was followed by a brief introduction of the participants with their expectations out of the course. Dr. Haddad kick started the talk with the definition of nutrition and shift in the global nutrition landscape from 2008 to 2015 followed by the shift in the Indian scenario. Also, a course overview was presented.

The role of nutrition-specific interventions by Dr. Purnima Menon: Discussion on how nutrition specific interventions are supposed to improve maternal and child diet quality and reduce infections. Also, this is supposed to address the immediate causes of undernutrition. Everyone was introduced to e-Lena (e-library for evidence nutrition actions) and how WHO categorizes recommendations. Evidence informed nutrition specific interventions for maternal and child nutrition were put forth with framework for delivering direct interventions. Direct interventions for pregnant and women of reproductive age, neonates, infants and children and disease prevention and management were talked about.

The role of nutrition-sensitive interventions-an overview [emphasize poverty and social protection] by Prof. Lawrence Haddad and Prof. Purnima Menon: The Lancet series framework was discussed and how 34 countries account for 90% of global burden of malnutrition. Light was shed on nutrition-sensitive programmes and interventions and how increase in GDP/cap is associated with reduction in stunting and increase in overweight and obesity in women. Also, the 3 broad sectors contributing to improving the nutrition status globally were discussed. Conclusion from recent evidence review on relation between women's empowerment and nutrition was put forth. Key messages from the paper were delivered and ways to increase the nutrition-sensitivity were enumerated.

Elements of enabling environments for nutrition - an overview by Prof. Lawrence Haddad: Discussed six elements that will make it easier for everyone to contribute to improving nutrition.

Dual burden of malnutrition and nutrition transition by Prof. Aryeh D. Stein: In this session Prof. Stein mainly discussed the dual burden of undernutrition, the statistical issues and the timing issues. Paralleled programs or targeted approaches were also discussed. Dual burden household with overweight mother and stunted child was dwelled upon. Also, he discussed at length whether the intervention make a difference or not with proper evidence.

Group Interactive Session: The participants were broadly divided into 5 different groups based on the state they professionally represented or preferred to work in i.e. **Bihar (n=13), Delhi (n=12), Uttar Pradesh (n=6), Maharashtra (n=6), Odisha (n=6) and Vietnam (n=5) (represented by a group of 6)**. The members of each group were provided with state dashboards for the respective states and then asked to address nutrition related issues in their state with its impact on overall human development. It was a weeklong process of discussion and presenting a pertinent nutrition related issue of their state and how will they tackle it using a step by step approach adopted for the five days.



Group work discussion

Day 2

8th December 2015, Thursday

Insights from global nutrition report and India health report for a strategy to improve nutrition in India by Prof. Lawrence Haddad and Prof. Ramanan Laxminarayan: The Global Nutrition Report (GNR) 2015 notes an increase in the number of countries on track to meet global nutrition targets, and encourages countries to establish specific and time-bound targets for malnutrition reduction that are consistent with the new Sustainable Development Goals (SDGs). National targets should help accelerate progress and promote accountability. While the India Health Report (IHR) 2015, offers a critical analysis of nutrition at the national and State levels. The IHR compared nutrition levels among children in 28 States and Delhi. IHR has focused on the topic of child stunting and malnutrition, given its magnitude and persistence in the country. Even with recent impressive improvements, India's stunting problem represents the largest loss of human potential in any country in human history. If the population of stunted children in India were a single country, it would be the ninth largest country in the world. Even more worrisome, the problem of under-nutrition in India now coexists with the problem of over-nutrition and associated non-communicable diseases for a different segment of the population.

Maternal and Paediatric Nutrition by Prof. Reynaldo Martorell: The focus of this session was on the definition, causes, importance to control, prevalence & trends of anaemia. Different interventions to address anaemia was the main emphasis of the talk which mainly riveted the nutrition-specific interventions to control it. He discussed the global trend bringing upon the Indian context (mentioning Bihar case study) among women and children of varied ages. Importance of grain fortification and challenges that are faced in Indian context have also been discussed at length.

Women's empowerment, status and health by Prof. Lawrence Haddad: This session explained how women play a crucial role in nutrition-sensitive programs and interventions, association of women's status with stunting and child nutrition. This was followed by attention to the gender power imbalances which is a critical measure to improve nutrition sensitivity. Emphasis on resource transfers and structural interventions for women's empowerment were discussed at length.

Severe- acute malnutrition by Dr. Purnima Menon: This session focused on the definition of SAM, scope of the problem, causes and mitigators of it and their effective treatment options. Discussion on management options on recommended community base care and in-patient therapeutic care of complicated and non-complicated cases threw light on managing the issue vividly.

An overview of NCDs: A ticking time bomb which starts in the womb by Prof. Aryeh D. Stein: Discussion on the usual model of NCDs in which how economic transition through dietary changes and physical inactivity had led to adiposity and metabolic changes that results in diabetes, CHD and cancer. He discussed about the developmental origins of chronic diseases, societal factors related to the onset of obesity and prenatal nutrition.

Day 3

9th December 2015, Thursday

Economics of moving nutrition up on the national agenda by Prof. Ramanan Laxminarayan: In this session, he discussed on child health, nutrition and the loss of human potential in India. The major point of focus was on how the high rate of stunting and poor nutritional status represents a significant loss of child development potential. This was followed by the discussion on the life cycle approach to early childhood interventions and possible economic returns to height. Also, measuring the long-term effects of early childhood interventions on cognition and other health outcomes, services provided by ICDS, methodological challenges in evaluating ICDS were discussed. Some light was also shed on the Hyderabad Nutrition trial and its outcomes.

Financing for nutrition by Prof. Lawrence Haddad: The session focused on the low and inadequate spending of annual expenditures on stunting and its impact where 100 million children would be stunted if not a reduction happens by 40 percent by 2025. It emphasized on tripling of financing for stunting interventions by 2025 in order to achieve the WHA goal.

Water, sanitation and Hygiene by Prof. Kirk Dearden: The discussion of this session focused on giving a background on WASH and its relationship to nutrition. Various findings from study on water, sanitation, and stunting and thinness have been discussed. Main focus was on the central question of who want to reduce undernutrition among children- the policy makers or the program designers and according the investment of resources should be done.

Infant young child feeding practices status and intervention by Dr. Purnima Menon: The talk focused on the promotion of breastfeeding as the best practices which affect the scale up of interventions on deaths in children younger than five years. She discussed about all the IYCF practices and the support that is required these. She also focused on India case studies of Odisha and Madhya Pradesh in delivery of complementary feeding interventions, availability, awareness and use of ICDS for 2014.

Governance and accountability: what works by Prof. Lawrence Haddad: He started with defining governments and its common elements, governance indicators with its association with nutrition status. This was followed by a focus on the common elements namely: commitments, transparency, accountability and responsiveness.

Program monitoring and evaluation by Dr. Purnima Menon: In this session, she focused on the importance of evaluation of program as million dollars go into health, nutrition and social transfer programs globally. Unpacking of monitoring and evaluation would help in the narrowing down the gap in program design which generally does not imply casualty. She discussed different types of program research and stages of it. Discussion on impact assessment methods establishing casual links between interventions and outcomes were done e.g., RCT.

Day 4

10th December 2015, Thursday

The following lectures were delivered by the faculty:

Public Health Nutrition Education in India- A Situational Analysis by Dr. Shweta Khandelwal: In this session, Dr. Shweta started discussing the concept of Capacity Building and Public Health nutrition and the techniques. An overview on the current state of teaching and training particularly in Public Health Nutrition in India was discussed. For the same, a qualitative study was discussed which was carried out among a purposively selected sample of twenty five PHN academicians, leaders and experienced level public health nutritionists using in-depth interviews technique to understand the common perceptions about PHN and the role PHN can play in addressing the health challenges in the country; and to map the present strategic positioning of PHN and identify the strategies for its capacity building in India, both as an academic discipline as well as a key public health strategy. The important points raised during the discussion were: the need to build mentorship; investment required in faculty development; need to strengthen the infrastructure for PHN research and training in the research skills.

Fortification-pragmatic or overrated by Dr. Rajan Sankar and Ms. Rita Bhatia; Chaired by Prof. Reynaldo Martorell: Dr. Rajan Sankar focused on micronutrient deficiencies attributing to public health problems. He discussed about the strategies to eliminate the nutrition related disorders. Food fortification is a cost effective and complementary strategy that has helped virtually eliminate many nutrition disorders from the more industrialized countries in the world, but is grossly under-utilized strategy in developing countries. Ms. Rita Bhatia discussed on micronutrient deficiencies, their effects and strategies to address these micronutrient deficiencies. She has also covered the legislation on maize and rice fortification and the factors for success with respect to fortification such as laws and regulation; voluntary fortification; mandatory fortification; monitoring and enforcement and the role of government and food industry.

Defining and achieving normal growth from conception to adulthood by Prof. Aryeh Stein: An overview on optimal growth, strategies for optimizing growth and pubertal trajectories were discussed. This was concluded that efforts to promote growth after the first 1000 days need to take into account possible impacts on the timing and tempo of puberty, and the social consequences of earlier maturation.

Agriculture, food security and nutrition in India by Dr. Suneetha Kadiyala: An overview on “**Making agriculture work for nutrition: What does it mean for research and practice**”? Key highlights such as challenges faced by the agriculture sector, the leakages between agriculture and nutrition, conceptual pathways between agriculture and nutrition, food price volatility affected by dietary diversification were covered in her presentation.

Dinner Talk- Treading the path from research to evidence to policy: relevance for public health and nutrition in India by Prof. Nikhil Tandon spoke on India’s health system and how research is important for evidences and policy formulations. He also emphasized on the relevance of public health and nutrition for future of the country.



Discussion on fortification-pragmatic or overrated

Day 5

11th December 2015, Friday

Nurturing and sustaining young professionals in nutrition: Leadership and Funding by Prof. K. Srinath Reddy: Discussion on the importance of leadership not only at individual level but in collaborations particularly in an area like nutrition research, setting a vision which is transformational and that seems to be the key element of what we design as leadership. Quality of leadership is ability to inspire and enable others to exceed their expectations of themselves so people around you certain expectation of themselves you not only inspire them to set such goals which are possibly not clear goals but also enable them to reach those goals. The importance of papers is actually publications, promotional avenues must be decided on the overall impact of the paper not necessarily on number of publications.

Diet and cardiovascular diseases by Prof. D. Prabhakaran: He focused on the dietary as a factor for playing a major role in global disease burden through NCDs particularly CVD. The role of individual nutrients , specific food items and dietary patterns and CVDs were discussed. He also bring in the role of dietary fats and its relation with CVDs. Success stories and policy measures aimed at single nutrients was also discussed.

Course Evaluation Feedback

Feedback was collected from the participants during the course of five days. Feedback forms were distributed among the participants at the end of each day. This exercise was done in order to understand participants learning experiences through sessions which had been covered under the course. This will help the faculty members to understand their teaching strengths and weaknesses and gain ideas about how their sessions can be improved.

Day 1:

Out of 48, a total of 43 participants responded to the survey. About **23 (53.4%)** participants thoroughly enjoyed the session which had been delivered by Prof. Haddad and Dr. Purnima Menon titled *"The role of nutrition sensitive interventions- An overview (emphasize poverty and social protection)"* followed by **21 (48.8%)** scored 4 on 5 for the session titled *"Elements of enabling environments for nutrition- An Overview"* which had been delivered by Prof. Lawrence Haddad.

Sessions	Score				
	1 (Fair)	2 (Average)	3 (Good)	4 (Very Good)	5 (Outstanding)
	Number of responses in each category (%)				
1. Course overview and introduction to three pillars	0(0)	2(4.65)	19 (44.18)	17 (39.53)	5 (11.6)
2. The role of nutrition specific interventions	1 (2.32)	0 (0)	16 (37.2)	19 (44.18)	7 (16.27)
3. The role of nutrition sensitive interventions- An overview (emphasize poverty and social protection)	1 (2.32)	0 (0)	11 (25.58)	23 (53.48)	8 (18.60)
4. Elements of enabling environments for nutrition- An Overview	0 (0)	1 (2.32)	11 (25.58)	21 (48.83)	10 (23.25)
5. Dual burden of malnutrition and nutrition transition	2 (4.65)	7 (16.27)	12 (27.90)	14 (32.55)	8 (18.60)
Total Participants responded- 43 out of 48					

Day 2:

The most popular session was “*Women’s empowerment, status and health*” which was scored 4 on 5 by **29 (64.4%)** participants. The session was conducted by Prof. Lawrence Haddad.

Sessions	Score				
	1 (Fair)	2 (Average)	3 (Good)	4 (Very Good)	5 (Outstanding)
	Number of responses in each category (%)				
1. Insights from global nutrition report and India health report for a strategy to improve nutrition in India	0 (0)	1 (2.2)	14 (31.11)	18 (40)	12(26.67)
2. Maternal and paediatric anaemia	0 (0)	1 (2.2)	9 (20)	19 (42.2)	16 (35.56)
3. Women’s empowerment, status and health	0 (0)	2 (4.44)	7(15.67)	29 (64.44)	7 (15.67)
4. Severe acute malnutrition	0 (0)	4 (8.89)	12 (26.67)	19 (42.22)	10 (22.22)
5. An overview of NCDs : a ticking time bomb which starts in the womb	0 (0)	3 (6.67)	13 (28.89)	15 (33.33)	14 (31.11)
Total Participants responded- 45 out of 48					

Day 3:

The most popular session was “*Water, Sanitation and Hygiene*” which was scored 3 on 5 by **19 (48.7%)** participants. The session was conducted by Prof. Kirk Dearden.

Sessions	Score				
	1 (Fair)	2 (Average)	3 (Good)	4 (Very Good)	5 (Outstanding)
	Number of responses in each category (%)				
1. Economics of moving nutrition up on the national agenda (38)	5(13.16)	6 (15.79)	11 (28.95)	12 (31.58)	4 (10.53)
2. Financing for nutrition	0 (0)	0 (0)	16 (41.03)	16 (41.03)	7 (17.95)
3. Water, Sanitation and Hygiene	0 (0)	2 (5.13)	19 (48.72)	11 (28.21)	7 (17.95)
4. Infant young child feeding status and intervention (33)	0 (0)	0 (0)	9 (23.07)	14 (35.9)	10 (25.64)

5. Governance & accountability: what works	0 (0)	1 (2.56)	12 (30.77)	17 (43.59)	9 (23.08)
6. Program monitoring & evaluation	0 (0)	0 (0)	12 (30.77)	17 (43.59)	10 (25.64)
Total Participants responded- 39 out of 48					

Day 4:

Only 20 participants completed the survey on Day 4th. About **10 (50%)** participants thoroughly enjoyed the welcome reception and dinner talk titled "*Treading the path from research to evidence to policy: relevance for public health and nutrition in India*" by Prof. Nikhil Tandon. For about **14 (43.7%)** liked the session on "*Public Health Nutrition Education in India- A Situational Analysis*" which was delivered by Dr. Shweta Khandelwal.

Session delivered	Score				
	1 (Fair)	2 (Average)	3 (Good)	4 (Very Good)	5 (Outstanding)
	Number of responses in each category (%)				
1. Public Health Nutrition Education in India- A Situational Analysis	0(0)	0(0)	4 (20)	11 (55)	14 (43.75)
2. Fortification- pragmatic or overrated?	0(0)	0(0)	4 (20)	10 (50)	6 (30)
3. Defining and achieving normal growth from conception to adulthood	0(0)	0(0)	4 (20)	9 (45)	7 (35)
4. Agriculture, food security and nutrition	0(0)	2(10)	7 (35)	6 (30)	6 (30)
5. Welcome Reception	0(0)	1 (5)	2(10)	10 (50)	7 (35)
6. Dinner talk- Treading the path from research to evidence to policy: relevance for public health and nutrition in India	0(0)	1 (5)	3 (15)	10 (50)	6 (30)
Total Participants responded- 20 out of 48					

Day 5

Majority of the participants scored 5 on 5 for both the talk/session held on Day 5th which had been delivered by Prof. K. Srinath Reddy and Prof. D. Prabhakaran.

Session delivered	Score				
	1 (Fair)	2 (Average)	3 (Good)	4 (Very Good)	5 (Outstanding)
	Number of responses in each category (%)				
1. Nurturing and sustaining young professionals in nutrition: Leadership and Funding	0 (0.0)	1(3.0)	2(6.0)	14(44.0)	15(47.0)
2. Diet and cardiovascular diseases	0 (0.0)	0 (0.0)	4(12.0)	12(38.0)	16(50.0)
Total Participants responded- 32 out of 48					

1. Any particular feature(s) you really enjoyed:

Most participants found the talks to be enriching, informative and overall well presented. Majority of the participants enjoyed all the sessions specially delivered by Prof. Lawrence Haddad as it brought in a different perspective. Also, they found the panel discussion to be interesting and engaging. Few of the participants also stated it that they thoroughly enjoyed sessions on IYCF, PHN education and SAM management. Majority of the participants also mentioned that the course provided them great opportunity to network allowing them to meet motivated individuals in the field of nutrition. The sessions delivered by Prof. Reddy and Prof. Prabhakaran was the highlight of the last day wherein linkage between nutrition and various other pertinent issues were drawn upon. They all enjoyed the group work sessions during the course of five days.

2. Any difficulty you faced in the following aspects:

a) Technical: Technical difficulties faced by the participants included- Statistical data on slides. The sessions on SAM and economics of moving nutrition up on the national agenda were rushed through and too short. Difficulty in understanding the technical content especially for participants from non-nutrition background. The handouts provided to them were not legible enough.

b) Administrative: None of the participant had administrative issues. In fact, they stated that the organizers were extremely helpful.

c) Overall: Few of the participants opined that the training should be arranged for more than 5 days.

3. Any comment(s) related to the faculty of the course:

The faculty members were knowledgeable within their respective field with a wide range of knowledge. The course was well structured with practical, informative and interesting content. Also, they mentioned that they were unable to understand the video talk due to technical glitches rendered by Dr. Suneetha Kadiyala. The participants mentioned that more time for discussion post presentation would have been extremely helpful.

4. Any comment(s) regarding the choice of talks/sessions by the faculty:

The sessions/talks by the faculty could be based on practical programmes or initiatives in the field of nutrition. Majority of the participants thoroughly enjoyed all sessions delivered by the faculty members and found it very useful and informative.

5. How was your experience in the group work sessions?

The group work was a great exercise to put knowledge into practice and help conduct a situational analysis. Although few participants felt that the size of group was too large. Also, daily presentation on the progress of the group work could have been incorporated. Majority of the participants felt that it was a great chance to interact with fellow participants and discussing more details about the subject providing great insights.

6. Any specific suggestion(s) to improve this seminar in future:

Suggestions to-

- include sessions on leadership skills, advocacy, politics and nutrition policy and field trips for better understanding;
- more pre-readings to be provided;
- location of the venue should be more central. Sitting arrangement wasn't up to the mark;
- use of less jargons;
- instead of focusing on data, the faculty could use/simplify/structure data and evidence for advocacy with policymakers

Annexures

- I. Program agenda**
- II. Detailed list of participants**
- III. Faculty and invited guest list**

Annexure I

PROGRAM AGENDA

DAY 1- 07.12.2015		
Time	Sessions	Resource Person
08:00-8:45am	Registration	
08:45-9:00 am	Welcome remarks	Prof. Ramanan Laxminarayan and Prof. D. Prabhakaran
09:00-10:15 am	Course overview, nature of the problem and conceptual background	Prof. Lawrence Haddad and Dr. Purnima Menon
10:15-11:00 am	The role of nutrition-specific interventions	Dr. Purnima Menon
11:00-11:15 am	Tea Break	
11:15- 12:15 pm	The role of nutrition-sensitive interventions- an overview [emphasize poverty and social protection]	Prof. Lawrence Haddad and Dr. Purnima Menon
12:15- 1:15 pm	Lunch Break	
01:15- 02:15 pm	Elements of enabling environments for nutrition-an overview	Prof. Lawrence Haddad
02:15-03:15 pm	Dual burden of malnutrition and nutrition transition	Prof. Aryeh Stein
03:15-03:30 pm	Tea Break	
03:30- 5:00 pm	Group Work- Orientation to State Case Studies and commence work	Prof. Lawrence Haddad and Dr Purnima Menon

Color coded themes' explanation: Green- nutrition specific; Orange - nutrition sensitive; Pink- enabling environment ; Yellow- NCDs

DAY 2- 08.12.2015

Time	Sessions	Resource Person
9:00-10:00 am	Insights from the Global Nutrition Report and India Health Report for a strategy to improve nutrition in India	Prof. Lawrence Haddad and Prof. Ramanan Laxminarayan
10:00-11:00 am	Maternal and pediatric anemia	Prof. Reynaldo Martorell
11:00-11:15 am	Tea Break	
11:15- 12:15 pm	Women's empowerment, status and health	Prof. Lawrence Haddad
12:15- 1:15 pm	Lunch Break	
01:15- 02:15 pm	Severe-acute malnutrition	Dr. Purnima Menon
02:15-03:15 pm	An overview of NCDs: A ticking timebomb which starts in the womb!	Prof. Aryeh D. Stein
03:15-03:30 pm	Tea Break	
03:30- 5:00 pm	Group Work- State case studies	
05:30 pm onwards	Launch event- Transforming Nutrition Leaders Network	Prof. Lawrence Haddad and Dr. Purnima Menon

Color coded themes' explanation: Green- nutrition specific ; Orange - nutrition sensitive; Pink- enabling environment ; Yellow- NCDs

DAY 3- 09.12.2015

Time	Sessions	Resource Person
09.00-9.45 am	Economics of moving nutrition up on the national agenda	Prof. Ramanan Laxminarayan
09:45-10:30 am	Financing for nutrition	Prof. Lawrence Haddad
10:30-11:00 am	Tea Break	
11:00- 12:00 pm	Water, Sanitation and Hygiene	Prof. Kirk Dearden
12:00-1:00 pm	Infant and young child feeding status and intervention	Dr. Purnima Menon
01:00- 2:00 pm	Lunch Break	
02:00-03:00 pm	Governance and accountability: what works	Prof. Ramanan Laxminarayan and Prof. Lawrence Haddad
03:00-03:15 pm	Tea Break	
03:15-04:30 pm	Program monitoring and evaluation	Dr. Purnima Menon
04:30-6:00 pm	Group Work-State Case studies	
6:00 pm onwards	Social Event Dinner Talk- Treading the path from research to evidence to policy: relevance for public health and nutrition in India	Prof. Nikhil Tandon

Color coded themes' explanation: Green- nutrition specific ; Orange - nutrition sensitive; Pink- enabling environment ; Yellow- NCDs

DAY 4- 10.12.2015		
Time	Sessions	Resource Person
09:00-10:00 am	Public Health Nutrition Education in India- A Situational Analysis	Dr. Shweta Khandelwal
10.00-11:00 am	Fortification- pragmatic or overrated?	Prof. Reynaldo Martorell (Chair); Dr. Rajan Sankar and Ms. Rita Bhatia
11:00-11:15 am	Tea Break	
11:15- 12:15 pm	Defining and achieving normal growth from conception to adulthood	Prof. Aryeh D. Stein
12:15- 1:15 pm	Lunch Break	
01:15-02:15pm	Agriculture, food security and nutrition in India (Video talk)	Dr. Suneetha Kadiyala Moderator: Dr. Shweta Khandelwal
3.30-6:00pm	India Health Report & Global Nutrition Report Launch	

DAY 5- 11.12.2015		
Time	Sessions	Resource Person
09:00-09.45 am	Nurturing and sustaining young professionals in nutrition: Leadership and Funding	Prof. K. Srinath Reddy
09:45- 10.30 am	Diet & cardiovascular diseases	Prof. D. Prabhakaran
10.30- 11:00 am	Tea Break	
11:00- 1:00 pm	State case study presentations and discussion	
01:00- 2:00 pm	Lunch and concluding ceremony	

Color coded themes' explanation: Green- nutrition specific; Orange – nutrition sensitive; Pink- enabling environment ; Yellow- NCDs

Annexure II

Detailed list of the participants

S.no	Participant Name	Organization	Email ID
1	Aditi Bhargava	University of Delhi	aditi.silki2309@gmail.com
2	Aditi Shah	SPC Management Service Pvt. Ltd.	aditi_0790@yahoo.co.in
3	Ajay Anand	Jharkhand State Livelihood Promotion Society	ajayannd@gmail.com
4	Anita Kumari	ICDS	anitakumari.sw@gmail.com
5	Anuj Ghosh	Global Health Strategies	aghosh@globalhealthstrategies.com
6	Arvind Singh	Programme Manager & Head Policy, Research and Advocacy	arvind.matrisudha@gmail.com
7	Bharati Joshi	Care India Solutions for Sustainable Development	bjoshi@careindia.org
8	Chandra Nath Mishra	Alive & Thrive/FHI Solutions	cnath@fhi360.org
9	Christo Mathews	Aequitas Consulting Pvt. Ltd.	christom@aequitas.co
10	Debashmita Bhaumik	Save the Children	d.bhaumik@savethechildren.in
11	Duong Thi Hong Giang	Department of Education and Training	<u>duonggiangbx123@gmail.com</u>
12	Jaya Jumrani	ICAR-NIAP	<u>jumrani@ncap.res.in</u> ; <u>jayajumrani.ncap@gmail.com</u>
13	Juhi Gautam	Global Health Strategies	jgautam@globalhealthstrategies.com

14	Mohammad Arshad Siddiqui	Rajiv Gandhi Mahila Vikas Pariyojna	arshad@rgmvp.org
15	Md. Ashraf Parwez	Project Concern International	mparwez@pciglobal.org
16	Mona Sinha	Alive & Thrive Initiative/ FHI Solutions	msinha@fhi360.org
17	Nagendra Varada	ALive & Thrive/FHI Solutions	nvarada@fhi360.org
18	Neena Shah More	SNEHA	neena@snehamumbai.org
19	Neha Lad	Fight Hunger Foundation	nlad@fighthungerfoundation.org
20	Neha Santwani	Save the Children	nehasantwani@gmail.com
21	Nguyen Huu Tien	Save the Children	nguyenhuu.tien@savethechildren.org
22	Nguyen Thi Thuy	Department of education and Training	thuygdth@laocai.edu.vn
23	Padma Buggineni	World Bank	pbuggineni@gmail.com
24	Phan Thi Thu Huong	Save the Children	phanthithu.huong@savethechildren.org
25	Poornima Nair	Foundation for Mother and Child Health, India	poornima.n@fmch-india.org
26	Priya Rampal	Indira Gandhi Institute of development Research	priya@igidr.ac.in
27	Rajkumar Nagarajah	National Institute of Health & Social Studies	rajacqueline@yahoo.com
28	Ranjan Kumar	Bihar Rural Livelihoods Promotion Society	ranjankrd@gmail.com
29	Ronali Pradhan	Digital Green	ronali@digitalgreen.org

30	Saachi Bhalla	Bill & Melinda Gates Foundation	saachi.bhalla@gatesfoundation.org ; saachi.bhalla@gmail.com
31	Sachin Gupte	Bill & Melinda Gates Foundation	sachin.gupte@gatesfoundation.org
32	Sanjay Kumar	Save the Children, Jharkhand State office	k.sanjay@savethechildren.in
33	Sanjeev Jain	PCI	sjain@pciglobal.org
34	Sarita Gholap Shinde	Foundation for Mother and Child Health, India	sarita.s@fmch-india.org
35	Sharad Prakash Chaturvedi	care India	schaturvedi@careindia.org
36	Shikha Saxena	JNU	shikhasaxena.jnu@gmail.com
37	Shubha Rawat	Child Development and nutrition	rawat.shubha@gmail.com
38	Somya	Bihar Rural Livelihoods Promotion Society	somya@brlp.in
39	Sonik Mishra	Rajiv Gandhi Mahila Vikas Pariyojna	ji_sonik@yahoo.co.in
40	Sreeparna Ghosh Mukherjee	CARE India	sgmukerjee@careindia.org
41	Sudipta Mondal	PCI	smondal@pciglobal.org
42	Sunil Babu	CARE INDIA	sunilcare@gmail.com
43	Swati	Bihar Rural Livelihoods Promotion Society	Swati2_yp@brlp.in
44	Tapasvi Puwar	CARE India	drtapasvi@gmail.com
45	Tarkeshwar Mishra	SPC management services	tarkeshwerm@gmail.com

46	Van Nguyen Thi Linh	Save the Children	nguyenthilinh.van@savethechildren.org
47	Versha Mathur	FHI 360	vmathur@fhi360.org
48	Vikas Bajpai	JNU	drvikasbajpai@gmail.com

Annexure III

Faculty and invited guest list

S.no	Faculty	Affiliation	Position	Email ID
1	Prof. Aryeh D. Stein	Emory University	Professor	aryeh.stein@emory.edu
2	Prof. D. Prabhakaran	Centre for Chronic Disease Control Public Health Foundation of India	Executive Director Vice President (Research)	dprabhakaran@ccdcindia.org
3	Prof. Kirk Dearden	Micronutrient Initiative	Deputy Regional Director/ Asia	kdearden@micronutrient.org
4	Prof. K. Srinath Reddy	Public Health Foundation of India	President	ksrinath.reddy@phfi.org
5	Prof. Lawrence Haddad	International Food Policy Research Institute	Senior Research Fellow	L.Haddad@cgiar.org
6	Prof. Nikhil Tandon	All India Institute of Medical Sciences	Professor and Head	nikhil_tandon@hotmail.com
7	Dr. Purnima Menon	International Food Policy Research Institute	Senior Research Fellow	p.menon@cgiar.org
8	Dr. Rajan Sankar	Nutrition Initiative, TATA Trusts	Senior Advisor	rsankar@gainhealth.org
9	Prof. Ramanan Laxminarayan	Public Health Foundation of India	Distinguished Professor of Public Health	ramanan@phfi.org
10	Prof. Reynaldo Martorell	Emory University	Professor	rmart77@emory.edu
11	Ms. Rita Bhatia	Food Fortification Initiative	Senior Advisor	ritabhatia653@gmail.com
12	Dr. Shweta Khandelwal	Public Health Foundation of India	Associate Professor	shweta.khandelwal@phfi.org
13	Dr. Suneetha Kadiyala	London School of Hygiene & Tropical Medicine	Senior Lecture	suneetha.kadiyala@lshtm.ac.uk