



Report On
2nd International Course on
Implementation Sciences and Research in
Noncommunicable Diseases
11th -12th February, 2022

Partners:
World NCD Federation; PGIMER, Chandigarh

Course Coordinator

Dr. JS Thakur

Professor, Department of Community Medicine and School of Public Health,
PGIMER, Chandigarh

Course Assistant

Ria Nangia, Project Coordinator, Centre for Implementation Science and Research

Technical Support Team

Dr. Rajbir Kaur, Project Officer

Ms Anjali Rana, Research Assistant

INDEX

S NO	CONTENT	PAGE NO
1.	Executive summary	4
2.	Introduction	6
3.	Day-wise Proceedings of the course	8
4.	Course evaluation	11
5.	Recommendations	13
6.	Annexure 1: Agenda	14
8.	Annexure 2 Media Coverage	21
9.	Annexure 3: Photo Gallery of the Course	22

EXECUTIVE SUMMARY

The 2nd International Course on Implementation Sciences and Research in Noncommunicable Diseases, 11th - 12th February 2022 was jointly organised by PGIMER Chandigarh and World NCD Federation.

The course consists of 5 pre-recorded modules focusing on implementation research, its key concepts and challenges, development of an implementation research proposals, the multilevel interventions, and capacity building and funding for implementation research. In addition, 10 Live Sessions/Interactions were also held.

The course was attended by 59 participants including policy makers, program managers, medical college faculties and postgraduate students from different states across the India, Nepal and Africa. During the inaugural function, Dr. JS Thakur, Prof, Dept of Community Medicine & School of Public Health; President, World NCD Federation and Course Coordinator informed about course objectives and expected outcomes. He apprised that diabetes and hypertension control rates are very low in India (10-15%) while the cancer screening rates are 5-10 %. He highlighted that there is evidence to practice gap, and this course is an important step towards the growing emphasis on implementation science as an essential aspect of bridging the evidence-to-practice gap. Prof Arun Aggarwal, Prof & Head, Dept of Community Medicine & School of Public Health, PGIMER Chandigarh in his welcome address mentioned that the course is covering many important aspects of implementation sciences including health system strengthening. He emphasized the importance of Implementation research in the prevention and control of noncommunicable diseases.

Day 1 cover the 3 modules which were on the e-learning portal of the World NCD Federation. In Module 1, Prof JS Thakur spoke on Implementation Science: Overview, key concepts and issues and Dr Vilma Irazola, Argentina delivered lecture on Selecting appropriate study design and

measurement. Module 2, Implementation Research in the Real World: From Science to Policy to Practice was taken by Dr Sitanshu Kar, JIPMER, Development of Implementation Research Proposal was covered by Dr Jaya Prasad Tripathy, AIIMS Nagpur, and the Interventions and measurement at different levels was taken by Dr Vilma Irazola. Module 3 was on case studies of implementation research projects from India and Africa.

Keynote Lecture on “How to prioritize health interventions” was delivered by Dr Prabhakaran Dorairaj, Executive Director, Centre for Chronic Disease Control, New Delhi, India. He emphasized on Prioritizing the health services in NCDs and a Need to look at the empirical ways to address this question.

A panel discussion on “**Operational Challenges and Effective Implementation of National NCD Programmes**” was conducted which covered the implementation challenges of NCD programs in Africa region, Nepal and India. State Programme Officers from Punjab, Himachal Pradesh and Meghalaya apprised about the challenges faced in the implementation of national NCD programs. During the discussion it was emphasized that there is a need for integration and convergence within program and that the intersectoral coordination is very important for effective implementation of national NCD programme.

The feedback by the participants revealed that the technical content, regarding Portal Login, recorded lectures, resource material and live interactions were appreciated, the physical activity and the energizer sessions in between the modules were also lauded. It was also recommended by the course participants that the course should continue for longer duration virtually in future as it would give more flexibility to them to complete the course at their own pace and also have more time to complete the topics and they can have thorough understanding of the module.

INTRODUCTION OF THE COURSE

Noncommunicable Diseases (Diabetes, heart diseases, cancer, chronic respiratory diseases) are number one killer at global level and in India. PGIMER, Chandigarh in collaboration with Centre for Implementation Sciences & Research in NCDs, World NCD Federation conducted the 2nd International course on Implementation Sciences and Research in Noncommunicable Diseases from 11th-12th February 2022. Implementation is a major challenge in any national NCD programme as most of the NCD programmes are new. Though there is a growing recognition of the importance of implementation research, significant gaps in human resource capacity and implementation challenges still remain. The 1st course was a collaboration between World NCD Federation and Global Alliance for Chronic Diseases (GACD) which was organized as a two days workshop during the 1st World NCD Congress 2017 in India and attended by 38 participants . One module on Implementation Research is included each year during the International NCD Course organized since 2015 where operational projects are taken up by the participants as a group activity.

Owing to the current pandemic ,a virtual system i.e. an e-learning platform was used for this course. This virtual system catered to all the requisites for the course i.e. registration, course material, presentations and certification. The system included recorded lectures, video links, and access to relevant key documents; backend support to participants for seamless login at their time convenience; group works and assignments; pre and post-test after each module; special sessions with panel of experts on key modules for raising queries and cross leaning portal for the participants. This e-learning platform can be used subsequently after modification in future in addition the regular class-room courses. This will give flexibility to the participant to complete the course within a specified time-frame at their own convenience and will also cater to a larger number of participants.

The course consisted of 5 modules focusing on implementation research, its key concepts and challenges, development of an implementation research proposals, the multilevel interventions, and capacity building and funding for implementation research. Eminent faculty from India and abroad with an expertise in the area of implementation research delivered the lectures which were pre-recorded. Two Live panel discussions on the cutting edge topics in implementation research were embedded in the course.

The course aimed to help the participants to achieve focus on implementation research, build capacity of key faculty, programme managers and Public professionals and to help improve the teaching of NCDs in the medical colleges and undertake implementation research projects in LMICs to be up-scaled at state and national level.

Objectives of the course

The objectives of the course were to

- a) To advance knowledge and practice in implementation science and research in NCDs.
- b) To identify and address the barriers to effective implementation and scale-up of evidence-based interventions.
- c) To apprise of strategies and activities for engaging with key stakeholders in the translation of the evidence into implementation.
- d) To develop generalizable insights and best implementation practices.
- e) To showcase examples of implementation research and the uptake of research findings into policy and practice.

Expected Outcomes of the course

- a) Develop a pool of health professionals trained in implementation sciences and research for effective implementation of National NCD programs in LMICs
- b) Undertake demonstration projects in LMICs to be up-scaled at state and national level.
- c) A linkage between the evidence generated by the Centre of Evidence based research in NCDs and implemented by the CISR- WNF.

Day-wise Proceedings

DAY 1: 11th February 2022

During the inaugural function, Dr. JS Thakur, Prof, Dept of Community Medicine & School of Public Health; President, World NCD Federation and Course Coordinator informed about course objectives and expected outcomes. He apprised that diabetes and hypertension control rates are very low in India (10-15%) while the cancer screening rates are 5-10 %. He highlighted that there is evidence to practice gap, and this course will be an important step towards the growing emphasis on implementation science as an essential aspect of bridging the evidence-to-practice gap.

Prof Arun Aggarwal, Prof & Head, Dept of Community Medicine & School of Public Health, PGIMER Chandigarh in his welcome address mentioned that the course is covering many important aspects of implementation sciences including health system strengthening. He emphasized the importance of Implementation research in the prevention and control of noncommunicable diseases.

Day 1 cover the 3 modules which were on the e-learning portal of the World NCD Federation. In Session 1, Prof JS Thakur spoke on Implementation Science: Overview, key concepts and issues and Dr Vilma Irazola, Argentina delivered lecture on Selecting appropriate study design and measurement. Session 2, Implementation Research in the Real World: From Science to Policy to

Practice was taken by Dr Sitanshu kar, JIPMER, Development of Implementation Research Proposal was covered by Dr Jaya Prasad Tripathy, AIIMS Nagpur, and the Interventions and measurement at different levels was taken by Dr Vilma Irazola. Session 3 was on case studies of implementation research projects from India and Africa.

Keynote Lecture on “How to prioritize health interventions” was delivered by Dr Prabhakaran Dorairaj, Executive Director, Centre for Chronic Disease Control, New Delhi, India. He mentioned that 2/5th of CVDs and diabetes occur in the age of 30-69 years group. LMICs have 73% of NCD mortality, he highlighted that LMICs have higher mortality due to NCDs and lesser spending on their treatment. He emphasized on Prioritizing the health services in NCDs and a Need to look at the empirical ways to address this question.

A panel discussion on “c” was conducted which covered the implementation challenges of NCD programs in Africa region, Nepal and India. State Programme Officers from Punjab, Himachal Pradesh and Meghalaya apprised about the challenges faced in the implementation of national NCD programs. During the discussion it was emphasized that there is a need for integration and convergence within program and that the intersectoral coordination is very important for effective implementation of national NCD programme.

DAY 2: 12th February 2022

The participants presented their feedback about the yesterday's sessions including training lectures, interaction with the faculty and live panel discussion on important NCD aspects. The idea of interactive training through a virtual mode was highly appreciated by all participants. On the last day, the participants were trained on health system strengthening, capacity building and funding for implementation research, via online video lectures.

This was followed by yet another live panel discussion under the chairmanship of Sh. Nilambuj Sharan, Joint Secretary, Pradhan Mantru Swasthya Surakhsha Yojana, Government of India. Panelists included Dr. Pradeep Joshi, WHO, Dr. JP Narian, SAFETYNet, Dr. Sunny, MoHFW, Dr. Dharendra Sinha, and Dr. Ashoo Grover, ICMR and they discussed Strengthening Implementation Research in National NCD Programs. It was stressed that scope of integration and within the various national programs for NCD should be explored. Also, compendium of best practices should be brought and be taken up by the states and other developing countries.

Prior to the commencement of the course, participants were encouraged to submit the implementation research proposals under a Call for Concept Notes. During the last day, the 5 best selected proposals were presented to a panel of the experts namely Dr KR Thankappan, Dr JP Tripathy and Dr JS Thakur and also contributed in enhancing the training participants' capacity by providing technical support under the Centre for Implementation Research in NCDs to develop proposals on Implementation research.

This was followed by another live session of interaction with faculty members for the day's training where participants were able to interact with the faculty for discussion on practical issues associated with implementation research including health system strengthening and capacity building and funding for Implementation research. Dr Meenu Singh, Dr. JS Thakur and Dr. Kathirvel S from PGIMER Chandigarh were present as course faculty.

Last but not the least, the valedictory function was graced by the presence of Dr. Arvind Rajwanshi, who is serving as Executive Director & CEO, AIIMS Rae Bareilly and Director of AIIMS Rishikesh. He raised concerns regarding the rising cancer rates in India and emphasised the importance of implementation research to find the barriers and effectively implementing cancer screening. Dr. GB Singh, DHS Punjab also graced the occasion. He appreciated the role of World

NCD Federation and PGIMER, Chandigarh for organising such innovative and interactive courses. Experience by the course participants and course faculty was also shared.

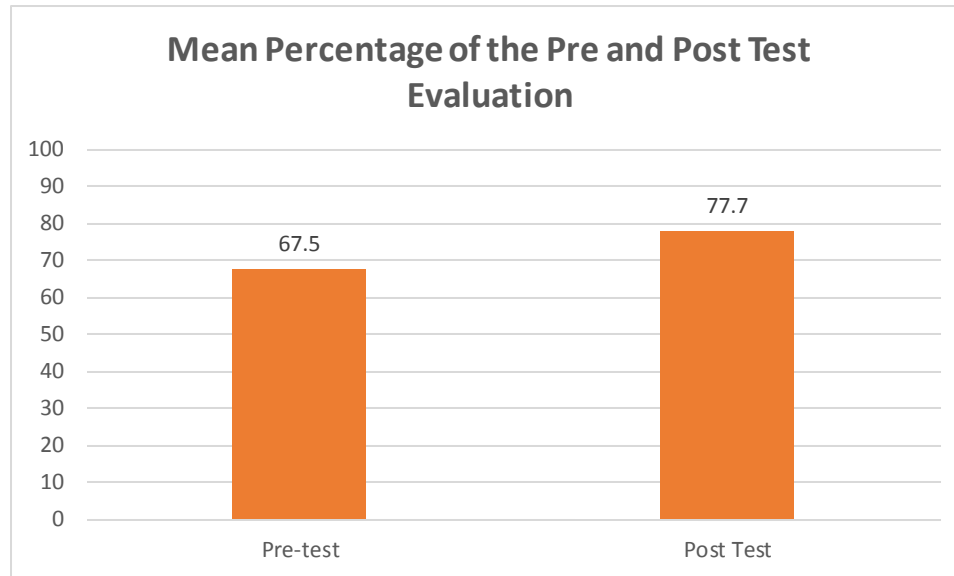
Participants feedback suggested that the course was really an enriching experience since in the low and middle income countries like India, Africa, Nepal, Ghana, etc. such research programs are not yet a part of the health programs and policies and the research on this aspect is also very limited in these countries. Physical activity sessions during the live session conducted by course organizers using the online video conferencing platforms were unique to the course. All the participants will develop one implementation research proposal which will be implemented in their respective state/county.

Course evaluation

In order to evaluate the progress of the course participants the following things were undertaken:

I Pre and Post Course Assessment

Mean scores of the pre and post-test group scores showed significant improvement ($p < 0.001$) in the knowledge of participants. There was a significant improvement from a mean of 67.5% in the pre-test and 77.7% in the post-test.



II Technical Feedback scoring

Feedback score were provided by the participants based on their source of information, Clarity of course platform, Content of resource videos and lecture notes, live interaction and also regarding their overall experience about the course. Few of the participants expressed that “this virtual course is highly informative and technically suitable from applied National NCD Programme point of view”. Overall experience of the participants was very good expressed as an “Informative blend of evidence based implementation research and innovation by interactive learning”.

Recommendations

- The live interactive sessions during the course ensured continued participation of the participants and interaction with the course faculty which is very important while organizing a virtual course.
- Physical activity sessions and the energizers uploaded on the e learning World NCD Federation portal was liked by the participants and it should be continued.
- Implementation research should get a priority and implementation projects should be undertaken under National/ State health ministry.
- Compendium of best practices in implementation research should be brought and be taken up by the states and other developing countries.

ANNEXURES:

Annexure 1: Agenda

Annexure 2: Media Coverage

Annexure 3: Photo gallery of the Course

**2nd International Course
on
Implementation Sciences & Research in NCDs**

Dates: 11th February to 12th February 2022

Partners: Centre for Implementation Science and Research in NCDs, World NCD Federation; PGIMER, Chandigarh

Schedule_v9

Time (IST)	Module/Activity	Facilitator/ faculty
Day 1, Friday 11th February		
Pre-Course Assessment @ e-learning portal		
9:00-9:30 AM	Live Session 1: Introduction to the course participants	
9:30-.10.45 AM	Session I: Implementation Science: Overview	Lead Faculty: Prof JS Thakur, Chandigarh, India Dr Vilma Irazola, Institute for Clinical Effectiveness and Health Promotion, Argentina
	<ol style="list-style-type: none"> 1. An introduction to course 2. Implementation Science: Overview, key concepts and issues 3. Selecting appropriate study design and measurement for your project 	Prof JS Thakur, Prof of Community Medicine, PGIMER, Chandigarh, India Dr Vilma Irazola, Institute for Clinical Effectiveness and Health Promotion , Argentina
10:45-11:00 AM	Mobility Break	
11:00 AM-12:30 Noon	Session II: Implementation Research in the Real World	Lead Faculty: Dr JP Tripathy, AIIMS Nagpur, India Dr Sitanshu Kar, JIPMER, Puducherry, India

	<ol style="list-style-type: none"> 1. Implementation Research in the Real World: From Science to Policy to Practice 2. Development of Implementation Research Proposal 3. Interventions and measurement at different levels 	<p>Dr Sitanshu Kar, JIPMER, Puducherry, India</p> <p>Dr JP Tripathy, AIIMS, Nagpur, India</p> <p>Dr Vilma Irazola, IECS, Argentina</p>
12:30-1:00 PM	Live Session 2: Inaugural Function	<p><i>Guest of Honour: Dr GB Singh, Director Health Services, Punjab</i></p> <p><i>Welcome Address: Prof Arun Aggarwal, Prof & Head, Dept of Community Medicine & SPH, PGIMER, Chandigarh, India</i></p>
<p>1:00-1:30 PM Lunch break</p>		
1:30-2:30 PM	Session III: Case studies of implementation research projects	<p>Lead Faculty: Dr JS Thakur, PGIMER, Chandigarh, India</p> <p>Dr Davison Munodawafa, Zimbabwe, Africa</p>

	<ol style="list-style-type: none"> 1. Implementation Research framework for NCDs guidelines in Africa. 2. Delivering a “standardized package of care” for diabetes in primary health care settings in Maharashtra, India: effectiveness & experience 3. Implementing World NCD Federation NCD guidelines in primary health care settings in Chandigarh 4. Kerala Diabetes Prevention and scale up project 5. Implementation of Integrated screening and assessment of NCDs in North India- A community-based, pilot mixed-methods study 6. Implementing Multimodal Approach to Chronic Non-cancer pain management at primary health care settings 	<p>Dr Davison Munodawafa, Zimbabwe, Africa</p> <p>Dr JP Tripathy, AIIMS Nagpur, India</p> <p>Ria Nangia, CISR-NCD, India</p> <p>Prof KR Thankappan, Central University, Kasargod, Kerala, india</p> <p>Dr Kathirvel S., PGIMER, Chandigarh, India</p> <p>Dr Arpita Das, All India Institute of Hygiene and Pubic Health, Kolkata, India</p>
2:30-3:00 PM	Live Session3: Keynote Lecture “How to prioritize health interventions “	Chair: Prof JS Thakur, PGIMER, Chandigarh, India
		<p>Dr Prabhakaran Dorairaj Executive Director, Centre for Chronic Disease Control, New Delhi, India Professor (Epidemiology) LSHT, UK.</p>
3:00-4:00 PM	<p>Live Session4: PANEL DISCUSSION “Operational Challenges and Effective Implementation of National NCD Programmes”</p> <p>Chair: Sh Vishal Chauhan, JS NCD, MoHFW, Govt of India</p> <p>Moderator: Prof JS Thakur, PGIMER, Chandigarh</p> <p><i>Dr David Okello, Africa, Dr Deepak Yadav, Nepal, Prof Sanjay Bhadada, PGIMER, Dr Atul Budukh, TMC, Mumbai, State Program Officers, Meghalaya, Punjab, Himachal Pradesh & Haryana</i></p>	

4:00-5:00 PM	Live Session 5: Interaction with the Course Faculty; Discussion and queries	
Day 2, 12th February, Saturday		
9:00-9:30 AM (IST)	Live Session 6: Refection session of the previous day	
9:30-10:45 AM	Session IV: Health System and Implementation Research	Lead Faculty: Prof JS Thakur, PGIMER, Chandigarh, India Dr Rajiv Saran, Prof, University of Michigan, USA
	<ol style="list-style-type: none"> 1. Role of Health System Strengthening in Implementation Research 2. Learning Health Systems and Implementation Research 3. Use of Technology to promote implementation research 	<p>Prof Arun Aggarwal, Prof & Head, DCM &SPH, PGIMER, Chandigarh</p> <p>Dr Rajiv Saran, Prof of Medicine and Epidemiology, University of Michigan, USA</p> <p>Prof Meenu Singh, Advanced Pediatric Centre, PGIMER, Chandigarh, India</p>
10-45-12:00 Noon	Session V: Capacity building and funding for Implementation Research	Lead Faculty: Dr Kathirvel S, PGIMER, Chandigarh, India Dr Sudha Sivaram, NCI, USA
	<ol style="list-style-type: none"> 1. Capacity building for implementation research 2. Building Capacity for Implementation Science in LMICs – Training and Funding 3. Implementation Research and scale up challenges 	<p>Dr Kathirvel S., PGIMER, Chandigarh, India</p> <p>Dr Sudha Sivaram, NCI, USA</p> <p>Dr Kathirvel S., PGIMER, Chandigarh, India</p>
12:00 -1:00 PM	Live Session 7: PANEL DISCUSSION- Strengthening Implementation Research in National NCD Programs Chair: Sh Nilambuj Sharan, JS PMSSY & Economic Advisor, MoHFW, GoI Moderator: Prof JS Thakur, PGIMER	

	<i>Dr Pradeep Joshi, WHO, Dr Sunny Swarnkar, MoHFW , Dr JP Narain, India, Prof Brian Oldenburg, Australia, Dr Chandrashekhar Potkar, Viatrix, Dr Ashoo Grover, ICMR, Dr Varinder Garg, OSD, President PGIMER, Dr. Dhirendra Sinha, Bihar</i>	
	1:00-1:30 PM Lunch break	
1:30-2:30 PM	Live Session 8: Presentation of the 5 best concept notes under Call for Proposals	Faculty: Prof KR Thankappan, Central University, Kasargod, Kerala Dr Kathirvel S., PGIMER, Chandigarh, India Dr JP Tripathy, AIIMS Nagpur, India
2:30-3:30 PM	Live Session 9: Interaction with the Course Faculty; Discussion and queries	
3:30-4:00 PM	Live Session 10: Valedictory Function and closing	<i>Chief Guest: Prof Arvind Rajwanshi, Executive Director & CEO, AIIMS Rae Bareilly and Director, AIIMS Rishikesh, India</i>

Annexure: 2 Media Coverage

Punjab Express

Int'l course on implementation research commences at PGIMER

PUNJAB EXPRESS BUREAU Chandigarh, February 12

Non-communicable Diseases (Diabetes, heart diseases, cancer, chronic respiratory diseases) are number one killer at global level and in India. PGIMER, Chandigarh in collaboration with Centre for Implementation Sciences and Research in NCDs, World NCD Federation conducted the 2nd international course on Implementation Sciences and Research in Non-communicable Diseases from February 11-12.

The course will be an important step towards the growing emphasis on implementation science as an essential aspect of bridging the evidence-to-practice gap as implementation is a major challenge in any national NCD programme as most of the NCD programmes are new. The training will be held virtually through interactive sessions and skill development by expert faculty keeping in view COVID-19 pandemic on the e-learning portal of the World NCD Federation.

ਚੰਡੀਗੜ੍ਹ

ਪੀਜੀਆਈ ਮੈਂ ਇੰਟਰਨੇਸ਼ਨਲ ਕੋਰਸ ਆਯੋਜਿਤ

ਚੰਡੀਗੜ੍ਹ: ਪੈਰ ਬੰਦਾਹੀ ਦੇ ਪੈਰ ਸੰਬੰਧਿਤ ਸਮੁੱਚੇ, ਡਾਇਬੀਟਿਸ, ਦਿਲ ਦਾ ਰੋਗ ਅਤੇ ਗੁਰਮਤੀ ਵਰਗੇ ਗੈਰ-ਸੰਚਾਰੀ ਬਿਮਾਰੀਆਂ ਦੀ ਚਿਕਿਤਸਾ ਅਤੇ ਚੋਲਾਫਾਸ ਅਤੇ ਚੋਲਾਫਾਸ ਪੀਜੀਆਈ ਮੈਂ ਦੂਜੇ ਦੁਨੀਆਂ-ਵਿਆਪਕ ਚੋਲਾਫਾਸ ਅਧਿਐਤਮ ਵਿੱਚ ਸ਼ਾਮਲ ਹਨ। ਇਹ ਕੋਰਸ ਚੰਡੀਗੜ੍ਹ ਦੇ ਪੀਜੀਆਈ ਮੈਂ ਵਿੱਚ ਸ਼ੁਰੂ ਹੋਵੇਗਾ। ਇਹ ਕੋਰਸ ਚੰਡੀਗੜ੍ਹ ਦੇ ਪੀਜੀਆਈ ਮੈਂ ਵਿੱਚ ਸ਼ੁਰੂ ਹੋਵੇਗਾ। ਇਹ ਕੋਰਸ ਚੰਡੀਗੜ੍ਹ ਦੇ ਪੀਜੀਆਈ ਮੈਂ ਵਿੱਚ ਸ਼ੁਰੂ ਹੋਵੇਗਾ।

ਚੰਡੀਗੜ੍ਹ: ਪੈਰ ਬੰਦਾਹੀ ਦੇ ਪੈਰ ਸੰਬੰਧਿਤ ਸਮੁੱਚੇ, ਡਾਇਬੀਟਿਸ, ਦਿਲ ਦਾ ਰੋਗ ਅਤੇ ਗੁਰਮਤੀ ਵਰਗੇ ਗੈਰ-ਸੰਚਾਰੀ ਬਿਮਾਰੀਆਂ ਦੀ ਚਿਕਿਤਸਾ ਅਤੇ ਚੋਲਾਫਾਸ ਅਤੇ ਚੋਲਾਫਾਸ ਪੀਜੀਆਈ ਮੈਂ ਦੂਜੇ ਦੁਨੀਆਂ-ਵਿਆਪਕ ਚੋਲਾਫਾਸ ਅਧਿਐਤਮ ਵਿੱਚ ਸ਼ਾਮਲ ਹਨ। ਇਹ ਕੋਰਸ ਚੰਡੀਗੜ੍ਹ ਦੇ ਪੀਜੀਆਈ ਮੈਂ ਵਿੱਚ ਸ਼ੁਰੂ ਹੋਵੇਗਾ।

ਪੀ.ਜੀ.ਆਈ. ਵਲੋਂ ਦੋ ਦਿਨਾਂ ਅੰਤਰਰਾਸ਼ਟਰੀ ਕੋਰਸ

ਚੰਡੀਗੜ੍ਹ, 12 ਫਰਵਰੀ (ਮਨਜੋਤ ਸਿੰਘ ਜੌੜ) ਪੀ.ਜੀ.ਆਈ. ਵਲੋਂ ਦੋ ਦਿਨਾਂ ਅੰਤਰਰਾਸ਼ਟਰੀ ਕੋਰਸ ਚੰਡੀਗੜ੍ਹ ਵਿਖੇ ਸ਼ੁਰੂ ਹੋਵੇਗਾ। ਇਹ ਕੋਰਸ ਚੰਡੀਗੜ੍ਹ ਵਿਖੇ ਸ਼ੁਰੂ ਹੋਵੇਗਾ। ਇਹ ਕੋਰਸ ਚੰਡੀਗੜ੍ਹ ਵਿਖੇ ਸ਼ੁਰੂ ਹੋਵੇਗਾ। ਇਹ ਕੋਰਸ ਚੰਡੀਗੜ੍ਹ ਵਿਖੇ ਸ਼ੁਰੂ ਹੋਵੇਗਾ।

Punjab Express

2nd international course on 'Implementation Research on NCDs' concludes at PGI

PUNJAB EXPRESS BUREAU Chandigarh, February 14

The 2nd international course on Implementation Sciences and Research by the World NCD Federation entered its last day. The participants presented their feedback about yesterday's sessions including training lectures, interaction with the faculty and live panel discussion on important NCD aspects. The idea of interactive training through a virtual mode was highly appreciated by all participants. On the last day, the participants were trained on health system strengthening, capacity building and funding for implementation research, via online video lectures.

This was followed by yet another live panel discussion under the chairmanship of Sh. Nilambuj Sharan, Joint Secretary, Pradhan Mantru Swasthya Surakhsha Yojana, Government of India. Panelists included Dr. Pradeep Joshi, WHO, Dr. JP Narian, SAFETYNet, Dr. Sunny, MoHPW, Dr. Dharendra Sinha, and Dr. Ashoo Grover, ICMR and they discussed Strengthening Implementation Research in National NCD Programs.

Annexure:3 Photo Gallery



Panel Discussion on Operational Challenges and Effective Implementation of National NCD Programmes





Energizer sessions between the Live Interaction Sessions to promote physical activity