SNDT Women's University

Shreemati Nathibai Damodar Thackersey Women's University

AQAR 2020-21

Criterion III

Supporting documents

For

3.3.2- Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years

SNDT WOMEN'S UNIVERSITY, MUMBAI
CRITERIA - III
Index of Supporting Documents

METRIC No.3.3.2	**Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the year**	
Sr. No.	Content	Page No
1	Detailed report for each program. Brochure/Geo-tagged Photograph with date and captions; title of the workshops / seminars conducted.	3-63

REPORT

International E Conference: Artificial Intelligence in Nursing

30th, 31st October, and 1st November 2020

L.T. College of Nursing

S.N.D.T. Women's University

I quote "Not everything that can be counted counts and not everything that counts can be counted."

- Albert Einstein

L. T. College of Nursing, SNDT Women's University under the banner of Tarangan Alumni Association, LTCN conducted a 3 days International E Conference on Artificial Intelligence in Nursing: A Hope A Promise held on the 30th, 31st October, and 1st November 2020.

Special Thanks to Maharashtra Nursing Council for granting credit points for the conference.

In all 1340 participants enrolled for the conference from India and abroad on all three days. 589 participants logged in from abroad. In all 423 received MNC credit points.

Day 1 30th October 2020

The inaugural program began with the University song followed by the virtual lamp lighting which was presided by Chief Guest Vice Chancellor Dr. Shashikala Wanjari, Guest of Honor Maharashtra Nursing Council (MNC) In charge Registrar Ms. Rachel George, and all the panel members and participants from Zoom and You tube Live followed by the welcome prayer dance.

Principal Dr, Nancy Fernandes opened the theme of the conference "AI in Nursing: A Hope, A Promise".

Thereafter our chief guest Dr. Shashikala Wanjari in her message to the audience highlighted the current need of including Artificial Intelligence in nursing curriculum.

Ms. Rachel George via voice mode highlighted the purpose of Artificial Intelligence in Nursing, using computers to analyze the data and to make intelligent patient care decisions in the healthcare industry.

The conference was planned by a main theme on each day which was further divided into 2 sub panels with expert speakers i.e., alumni from India and abroad talking on various sub themes. Speakers for the 3 days of the conference were from India, USA, UK, Ireland, France, Oman, Abu Dhabi, Dubai, Australia.

Delegates were from India, USA, UK, Australia, Ireland, Canada, France, Oman, Abu Dhabi, Gulf, Africa, New Zealand.

Each day the session began at 3 pm with cultural saga followed by the first plenary session at 4 to 5.30 pm IST and the second from 5.30 pm to 7.00 pm.

From 7.00 pm to 7.30 pm Voice of Leader Panel was planned where experts were invited only from India to give their views about the panel and add on to the expert presentation as per their expertise.

Day 1: Theme: Basics of AI

Panel Discussion 1 Basics of AI: **CHAIRPERSON:** Ms. Alka Kalambi:

Panel members: -

Ms. Pearl Cruz: India: Technology here we come

Ms. Sudhaya Vinodkumar: France: AI; Myths & Reality

Dr. Meera Achrekar: India: AI: Myths & Reality

Ms. Nancy Zacheriah: UK: Challenges in embracing newer learning

Ms. Prajakta Hindlekar: India: Challenges in embracing newer learning

The key message from the panel was AI technologies help to introduce, educate, create, develop, analyze and establish. AI is not a threat to human jobs; AI will never replace the jobs of nurses. The nursing curriculum requires a change.

Panel 2 Basics of AI: Chairperson Dr. Phalakshi Manjrekar (India)

Panel members:

Ms. Reni David: Dubai: Can Nurses remain relevant in a technologically advanced future

Ms. Juliet Joji: India: Can Nurses remain relevant in a technologically advanced future

Ms. Rija Bobby: UK: Are the leaders prepared to embark on this new journey

Ms. Swapna Joshi: India: Are the leaders prepared to embark on this new journey

Ms. Mareena Joseph: India: Training Novice Nurse in Handling New Art

Ms. Clare D'Mello: Training Novice Nurse in Handling New Art

Takeaway messages from this panel were delivered on topics related to AI and machine learning, Supervised and unsupervised learning, AI can be third eye in health care, Importance of empowering nurses and the challenges involved in training novice nurses.

Panel 1: Voice of Leaders: **CHAIRPERSON**: Ms. Shaila Bhalekar (India)

Panel members:

Dr. Swati Rane

Ms. Madhura Mule

Ms. Pravina Mahadalkar

Ms. Meenal Rane

Experts gave a power-packed model of care-centered value-sensitive design which involved logical thinking, strategy, and algorithm planning. AI will cater health needs of a large population, and reduce the burden of repetitive tasks of HCW.

Day 2 31ˢᵗ October 2020

Theme: AI and Services

Panel 3: AI & Services: Chairperson: Ms. Elizabeth Joseph

Panel members: -

Dr. Kavita Bhalekar: Abu Dhabi

Ms. Havovi Fouzdar: India

Dr. Anita Collins: USA

Dr. Agnes Therady: USA

Ms. Elizabeth David: India

The speakers gave power pack knowledge and experience from all over the globe about clinical data management system, Rothman Assessment Index, EPIC Deterioration Index and summarizing with all the advanced tools.

Panel 4: AI & Services: Chairperson Ms. Shine Anil

Panel members: -

Ms. Sonali Khandale

Ms. Belinda Sawant

Ms. Radhika Merchant

Ms. Mugdha Lad

The two major focuses of this panel were Telehealth and telenursing need of the hour. The most awaited breath-taking session and viewership increased threefold by the video presentation of the Robotic surgery. This session not only covered the parts of the robots, but the docking, instruments used, robot's role, nurse's role, and the surgery itself

Panel 2: Voice of Leader 2: Chairperson: Ms. Sindhu Nair

Panel members:

Dr. Sneha Vaidya

Ms. Roselind Mathews

Ms. Jemi Pullanthara

Dr. Meena Ganapathy

Day 3 2020

Theme: AI & Education

Panel 5: AI & Education: Chairperson Dr. Nancy Fernandes (India)

Panel Members:

Ms. Shreedevi Balachandran (Muscat)

Ms. Sushila Samuel (India)

Ms. Seema Pillai (India)

Ms. Anita D'Souza (India)

Ms. Neetal Suryagandh (Australia)

Dr. Pratima Naik (India)

The panel discussed importance of simulation on student's learning, problem solving, 360 degrees shift critical care thinking model, blended approach, online interface leo models were explained and stressed importance of creating a self-paced learning environment for students.

Panel 6: AI & Education: Chairperson: Dr. Prabha Dasila(India)

Panel Members:

Dr. Vijaya Kumardhas (UAE)

Dr. Rita Lakhani (India)

Ms. Beena Varghese (India)

Dr. Avani Oke (India)

Ms. Mitchel Fernandes (India)

Dr. Shobha Gaikwad (India)

The panel highlighted the need of incorporating a hybrid model in education, components of virtual learning environment, augmented learning the future in education.

Voice of Leader 3:

Chairperson: Dr. Pratibha Chandekar

Panel Members:

Dr. Nilima Sonawane

Dr. Rupali Salve

Dr. Sripriya Gopalkrishnan

Ms. Prachi Dharap

The speakers added and augmented to the rich knowledge of the panel by highlighting preparation of students and faculty to make use of the 3 D world part of the newer learning model.

The day ended with Valedictory session which was presided by Dr. Rathi Balachandran Asst. Director MOFHW GOI. Highlight was opening of E book prepared by students and faculty of LTCN on Nutrition.

Live Streaming:

The conference on the 3 day was shared virtually through Zoom and YouTube live mode. Overall, 1163 participants registered for the conference.

Feedback:

Feedback of delegates was shared by Ms. Anne Jose alumni of 1990 batch who gave general overall feedback.

Ms. Durga alumni of 2003 gave feedback on all panel discussion topics.

SWOT

Strength:

Blessings of our seniors Madam Prabhakaran, Mrs. Mathew, Mrs. Joykutty, Ms. Molly

Strong support from alumni all over the globe.

All alumni on a common virtual platform.

Technology with LT.

Maharashtra Nursing Council granting credit hours

Weakness:

Face to Face Interaction, warmth missing, Time exceeding on the third day

Opportunities:

Could have gained wider publicity

Threats: Electricity, Bandwidth, Screen sharing fear

Thank you to SNDT Vice Chancellor, MNC Registrar, Alumni, Nursing fraternity around the globe.

सत्यमेव जयते

Ministry of Social Justice and Empowerment
Government of India

National Institute of Social Defence

WEBINAR
on
Nutrition Care of Sr. citizens

Organized by

Regional Resource & Training Centre (RRTC)
under
Centre for Study of Social Change (CSSC)

in joint collaboration with

SNDT Women's University (FSN Dept.), Juhu Campus, Mumbai

Speaker
Dr. Archana Bhatnagar
Prof & HOD- FRM &FSN
SNDT- WU, Juhu Campus, Mumbai.
Sub: Overview of Ergonomics
application in Everyday life of
Special Population- Senior Citizens

Speaker
Rajashree Gadgil
Nutrition Expert, Founder & CEO
RSG & Nutrition & Healthcare Pet Ltd
TRUWELLTH Integrative Healthcare LLP
MediNext Communications
Sub:Nutrition Care of Sr.citizen in covid times

Organizer
Adv. Nirmala Samant Prabhavalkar
Ex-Mayor Mumbai
RRTC, Chief Functionary

Moderator
Dr Bharti Shah
BHMS,MSc FSN
Coordinator of Food Science &
Nutrition Department Juhu

Date: **21st December 2020**
Time: **2pm - 5pm**

Join us on Zoom
Meeting ID: 867 1384 8574

E-Certificate will be provided to all participants

CUSCOP-IIC Activity
Atmanirbhar Bharat
Patents and Access to medicine- An Indian Perspective
Webinar By: Dr. Mrudula Bele
(Associate Professor, NDMVP's College of Pharmacy, Nashik)
Date: 16th December 2020 (Wednesday), Time: 3:30 pm onwards

MHRD's Innovation Cell invited Dr. Mrudula Bele, Associate Professor at NDMVP's College of Pharmacy, Nashik who teaches subjects like Intellectual Property Rights, Research Methodology & Drug Regulatory Affairs to undergraduate and postgraduate students. Dr. Mrudula is the only Indian representative to get the fellowship from WIPO among 11 teachers for Intellectual Property Rights. Dr. Mrudula Bele is also Patent consultant for clients in India and abroad. As we all know, MIC & AICTE are being supporting technical institutions by promoting innovative and entrepreneurial activities for students and faculties. Dr. Mrudula Bele's session covered the Human Rights perspectives of patents and how patents affect the accessibility to the medicines. She also discussed the drug development process and the relation of drug development process to drug research, preclinical and clinical trials followed by evaluation and approval for drugs and post marketing survey. She also spoke about the cost of research and development, patenting and marketing and explained well about costing of each material which is used in research and the reason for high cost of new drug molecules. She further explained how to file patent, INDA and NDA and the process to secure approval for patents. She also explained in details about patents and how one can register a patent. She stated that novelty, invention and non-obviousness are the important criteria for filing patents. Features of patent, life of patent, territoriality were also explained well. She also discussed the history of Indian Patent regime which included Patent Act 1970, TRIPS agreement and the amendments were also discussed. Difference between the developing and developed countries spending the expenditure on healthcare facilities were explained using graphs. Indian Patent Act and TRIPS flexibilities were also discussed highlighting importance of generic medicines. At the end of the session, few queries related to patents were answered by the speaker.

Event Report

STATE LEVEL GRISAILLE PORTRAIT PAIINTING ONLINE WORKSHOP

Organised by M.V.A. Department of Drawing and Painting, S.N.D.T. Women's University, Mumbai

Date of the event: 10th and 11th June, 2021

Mode of event: Online-Zoom meeting

Number of students attended: 100+ from Pune, Mumbai, Nashik and several locations.

Expert Artist: SamruddhaPurekar (Artist and Professor at KalamandirMahavidyalay, Kolhapur) and Alumina of M.V.A. Department of Drawing and Painting, S.N.D.T, Mumbai.

Organising Committee: Dr. MeeraSawant (I/C H.O.D.), Prof. ParthThakkar and Prof. SonalSalekar.

Volunteering Students: ManasiMahajan, AnkitaSwant and JanvhiPandey.

Event Summary

On 10th of June, 2021, M.V.A. Department of Drawing and Painting, S.N.D.T. Women's University, Mumbai organised a two days 'State level Grisaille Portrait painting online workshop' under the coordination of I/C. H.O.D. of M.V.A. Department Dr. MeeraSawant and Prof. ParthThakkar. As all the students, Chief guest, Faculty joined the Zoom meet, the event started with a short welcome note from our M.V.A. student ManasiMahajan which was followed by singing together University song. Program introduction was then given by the coordinator Prof. ParthThakkar where he gave some insights of the program to the participating students. This was followed by Introduction of the Guest artist Prof. SamruddhaPurekar which was given by our student AnkitaSawant and Introduction of Chief guest Dr. VikramKulkarni(H.O.D. M.V.A., S.N.D.T., Pune) by Prof. SonalSalekar. Chief guest Dr. VikramKulkarni gave an inspirational speech to students. He also discussed about this Old master technique being the foundation of Portrait painting and there are very few people trying to keep it alive. He also congratulated Dr. MeeraSawant and the whole Department for organising the event and also wished luck to students. Presidential address was the made by I/C H.O.D. of the Department Dr. MeeraSawant, where she gave a brief about the program and also conveyed that how events like these uplift students in academically. She also wished that students respond in great numbers for events like these where all the Campuses get together and create harmony. Vote of

thanks for the inaugural program was then done by our student JanvhiPandey and Workshop was started.

Day 1

Introduction to materials and method: Expert artist Prof. SamruddhaPurekar started with brief introduction on materials and style of grisaille technique. She started with a Powerpoint presentation which also contained history of the subject.

Demonstration: Prof. SamruddhaPurekar then showed her pre recorded demonstration which she had prepared for workshop. She explained in detail about the steps ans the video progressed.

Hands on practical work: Participants were then allowed to work on their respective canvases.

Expert's critiques: Participants were requested to share their progress on a WhatsApp group of Workshop. Prof. Samruddha gave corrections on Zoom meet, WhatsApp group and also took questions via Zoom chat. After the critique session participants were told to work on the basic structure of head study and show it the next day.

Day 2

Correction on previous day's work, Presentation and Demo: Next day started with Samruddha ma'am's corrections on participants work. She continued with her slide show and next part of demonstration which was opaque part.

Hands on practical work: Participants were then requested to work on the built structure of yesterday's work. Opaque tones were filled. Questions were taken via Zoom chat.

Final critique session of Expert: Complete work of students were sent on the WhatsApp group and Expert gave her critiques and necessary corrections via dialogue in the meeting.

Question and answer/Discussion: As the session was coming towards end, students were allowed to ask questions and doubts were addressed.

As the session ended, all the students were requested to show their Grisaille Portraits in front of camera and a group Picture was taken.

Some of the students shared their experience of learning and Thanked Department for organising the event. This was followed by a formal address of I/C H.O.D. of department praising and thanking Samruddha ma'am for taking this informative workshop. A vote of Thanks was given by Coordinator Prof. ParthThakkar and the session was finally ended.

Participants were requested to submit their honest feedback via Google form and their Participation e-certificates were mailed to them.

International Day of Persons with Disabilities

On 3 December 2020, the Department of Special Education, SNDT Women's University organised a virtual event to commemorate International Day of Persons with Disabilities. The event began at 12pm and went up till 5pm. Students from REACH, Umang, Tarang LifeCare Foundation, Shishuvan, Mary Immaculate Girls High School, King George / PR. B.N. Vidya Sabhagriaha, St.Mary's School, Lilavatibai Podar, SMPR, KC Gandhi School were a part of the celebration.

Our comperes for the event were Ms Himadri Vyas and Ms Tejal Narayanan. They gave the welcome address which was followed by the University Song. The celebrations commenced at 12pm on the arrival of our Chief Guest Dr. Mithu Alur, our Guests of Honour Prof. Sudesh Mukhopadhyay, Dr. Jayanthi Narayan and Prof. Anita Julka and our Special Invitee Mr Akhil Paul.

Asst. Prof. Ms Betty Abraham introduced and welcomed the Chief Guest after which Dr Sujata Bhan enlightened us with her ideas and thoughts. Dr Mithu Alur released the book 'Accessibility Barriers and Solutions' edited by our very own professors.

There were various programmes and fun games for all the students organised by the students of the Department of Special Education. The celebrations began with a fun-filled puppet show named 'Lemon - The Duck' a story written by Laura Beckman and performed by our students. The puppet show was followed by a 15minute break, after which we had the first Masterclass on 'Mandala Art' conducted by Ms Karishma Doshi. After the art class everyone parted for lunch break.

At 3pm, we commenced with our games session hosted by Ms Muntaha Barkat. Seeing the smile on the participants faces brought joy to our hearts. This engaging session was followed by Zumba conducted by Mr Aditya Chaudhary. The session was a big hit having been thoroughly enjoyed by the kids.

It ended with Ms Shaivangi Dalal's creative Masterclass on 'Bookmark Making' which would come in handy to readers of all ages. Once the programme ended the event was concluded with the Vote of Thanks by Asst. Prof. Ms Apoorva Panshikar.
Everyone parted with their hearts and minds full of joy and memories of the event with hopes of meeting again.
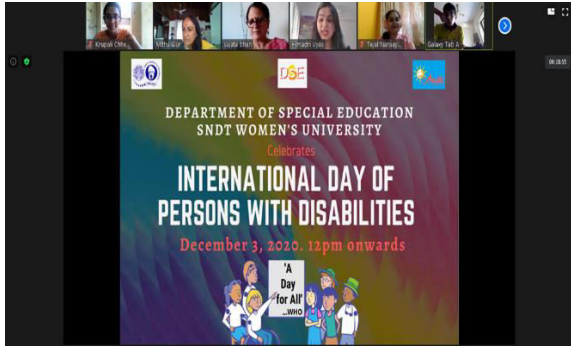
International E Webinar on
Evolving role of Nurses: Present & Future
5ᵗʰ December 2020

Webinar Started with the University Song, Virtual Lamp Lighting & Prayer dance. Dr. Nancy Fernandes, Principal LTCN opened the theme for the webinar *"EVOLVING ROLE OF NURSES: PRESENT & FUTURE"*.

Dr. Shobha Gaikwad Chairperson introduced the panel member and gave an introduction on the topic.

Panel members: -

Ms. Thankam Gomez (India), Ms. Teresa Joseph (India), Ms. Vandana (Australia), Ms. Jayashree Krishnakumar, Ms. Devashree Karande, Ms. Ayesha Gonsalves (USA)

Ms. Thankam Gomez: - Shared her experience on her journey to Nursing from a staff nurse to founder and CEO of CYNGIA healthcare. She shared different roles where nurses can evolve, she also mentioned and shared pictures where a nurse evolving and growing and becoming a nurse practitioner, independent stoma care Nurse, etc.

Ms. Teresa Joseph: She highlighted how she moved from her journey of being a nurse to Assistant Commissioner of Income-tax, for revenue service and for deputy services, she also shared tips for preparing for state administrative examination or UPSC.

Ms. Vandana: Madam shared healthcare-related professionals, discussed Nursing as a profession, importance of health informatics i.e. maintaining electronic health records. She told about research skills, communication skills, effective documentation, etc., She also discussed health informatics as a profession. This course is delivered as a graduate certificate, diploma, or Master's, it is open to both medical and IT professionals, involves the study of AI, data modelling, etc.

Ms. Jayashree Krishnakumar: She stressed the entrepreneur role as CEO of the hospital about building and managing her own maternity nursing home to the maternity hospital.

Ms. Devashree Karande: She mentioned her role of being an assessor which included mutual learning, network, collaboration, representing her own profession, and improving safety.

Ms. Ayesha Gonsalves: Spoke about Nursing informatics (NI), the responsibility and duties of nursing at the bedside, and how technologies help to reduce errors and reduce cost. She discussed the requirements to become a NI, careers in NI.

Conclusion: -

Ms. Devita Nalawade presented a vote of thanks to all panellists, technical support team, invited guests, and the participants and concluded the webinar with the National anthem

SNDT WOMEN'SUNIVERSITY
Department of Commerce, Mumbai
In association with
Board of Industry-Academia Partnerships
Report on Investors Awareness Programme

Department of commerce , Mumbai SNDT Women's University had organized investment awareness program on Investors Awareness Programme for the students of M.com – I and II Year on Google meet platform on 18th May' 2021.

The Speaker for the lecture was Ms. Daksha Gogia who is a trainer for financial literacy & investor education at Board of Industry-Academia Partnerships (BIAP)

Board of Industry- Academia Partnerships is a youth organization that has been closely related with the various corporates, institutions, associations, colleges with the aim of spreading awareness on various finance related subjects.

Ms .MalvikaKamble, student of M.com I year introduced Daksha Gogia for the Guest Lecture and the topic of the lecture to the students.

In her lecture Ms Daksha discussed the types of investments, their features , types of market, the trading process , how book building works. The session started with interaction between the participants and

Ms. Daksha about Securities Market where Ms. Dkasha asked the participants about various securities being traded in the market. She also put some light on the myths and realities about Securities Market.

ASBA (Application supported by blocked amount) was her next discussion along with the meaning of Offer document. She enlightened the students with the process of Rolling Settlement in Secondary market with many practical examples.

She emphasized the slogan of NSE " SOCH KAR SAMAJH KAR INVEST KAR". At the end there was doubt solving session where in many participants raised their queries and Ms. Daksha handled them individually.

Lastly Ms. Priyanka Maurya, student of M.com I year gave her vote of thanks .

Online International Professional Development Master Course on Universal Design for Learning (UDL)

The 4-day International Professional Development Master Course on Universal Design for Learning (UDL) was conducted on Jan 15, 16, 22, 23, 2021 by the Department of Special Education, SNDT WU in an online mode. We were very privileged to have as our resource persons:
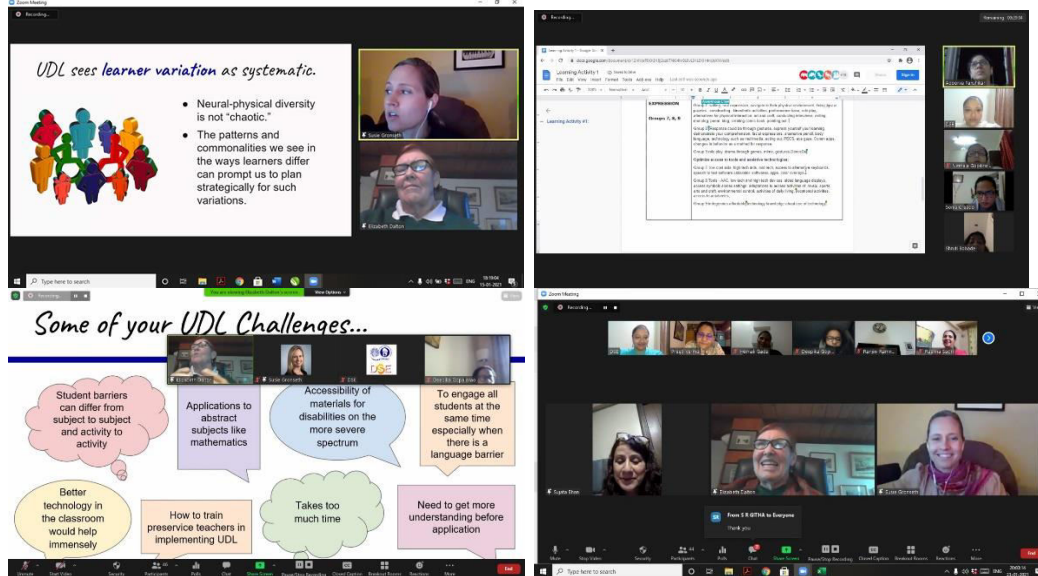
Dr Elizabeth Dalton: Adjunct Professor, University of Rhode Island, Senior Consultant, Dalton Educational Services International (DESI), USA

 Dr Susie Gronseth: Clinical Associate Professor in Learning Design and Technology, University of Houston, TX (USA)

There were 45 national and international participants. There were 35 individual participants and 2 groups of five participants each. We were unable to take in more participants due to the limitation set by the

resource person on the number of participants, to ensure the efficacy of the course.

The participants were very happy with the course and satisfied with the organisation of the Online International Professional Development Master Course of Universal Design for Learning.


Irlen Syndrome

The Irlen Syndrome workshop was conducted in 2-part parts in collaboration with LifeAsia Community Empowerment, virtually via the zoom platform.

The resource person Ms Tehnaz Ragi is a Licensed Irlen Syndrome ® Diagnostician and holds a M.Ed. Special Education Needs degree from UK.
The workshops were held on Oct 23, 2020 and November 6, 2020. The workshop was attended by 20 participants including and our students. The workshops involved activities to help the participants understand the condition of Irlen Syndrome.
We received a positive response from all the participants.
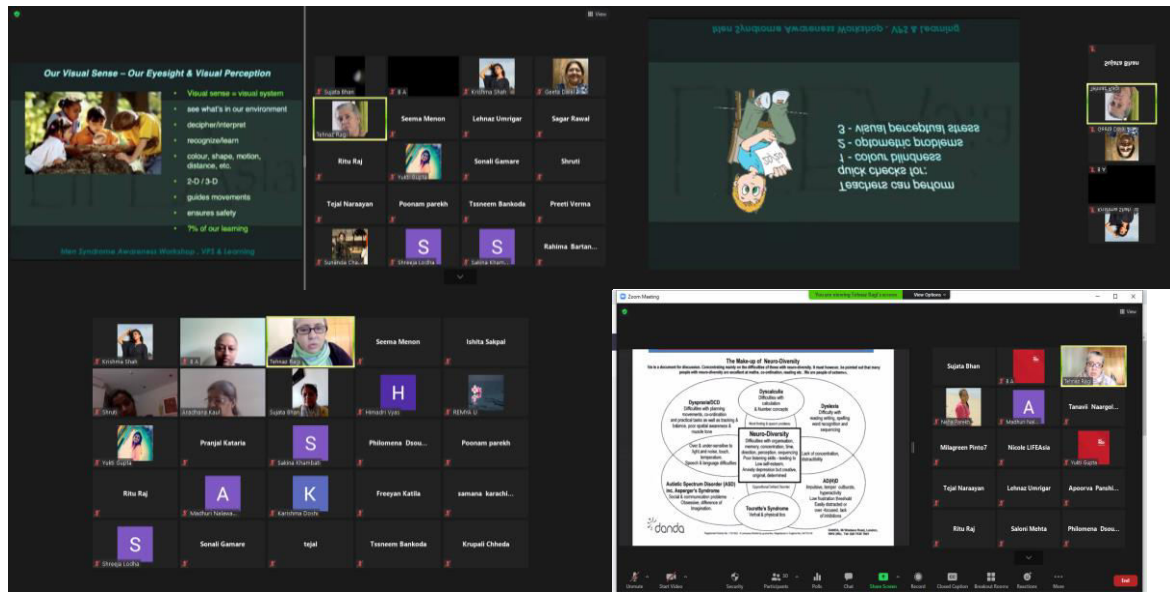
'Conversation around NEP 2020: The Road Map'

National Webinar series 'Conversation around NEP 2020: The Road Map' was hosted by the Department of Special Education, SNDT Women's University between October 28 -31, 2020. The national webinar was held on the Zoom platform with approximately 250-300 participants.

The webinar was also live cast via YouTube. Under the patronage of then Hon'ble VC Prof. Shashikala Wanjari, the convenor Prof. Sujata Bhan, the webinar was inaugurated by Dr. Hrushikesh Senapaty, Director, NCERT, N. Delhi, the chief guest for the inauguration ceremony.

The line-up resource persons included stalwarts from the field of education : Dr Aloka Guha

Former Chairperson National Trust, Kolkata; Prof. Sudesh Mukhopadhyay, Former Chairperson, RCI, N. Delhi; Prof. Anita Julka, Dean Coordination, NCERT, N. Delhi; Prof. Anupam Ahuja, Head, International Relations Division (IRD), NCERT, N. Delhi; Prof. Mythili Ramchand, Centre for Education Innovation and Action Research, Tata Institute of Social Sciences (TISS), Mumbai; Dr Jayanthi Narayan, Former Dy Director, National Institute for Empowerment of Persons with Intellectual Disabilities (NIEPID), Secunderabad; Visiting Prof., University of Northampton, UK; Prof. Padma Sarangpani, Chairperson Centre for Education Innovation and Action Research, (TISS), Mumbai; Dr Himangshu Das, Director National Institute for Empowerment of Persons with Visual Disabilities (NIEPVD), Dehradun.

The topics based on the National Education Policy 2020 ranged from NEP 2020: A Dream Policy Through the Disability Lens to Training Teachers in the New Education Scenario under the three main themes : Overview of NEP, School Education, Higher Education

The chief guest (valedictory ceremony), Ms. Anuradha Dalmia, Director, National Institute for Empowerment of Persons with Intellectual Disabilities (NIEPID), Secunderabad, closed the webinar.

Department of Special Education
SNDT Women's University
Organizes
National Webinar Series
on
'Conversations around
NEP 2020: The Road Map'

October 28-31, 2020

THE FORMATIVE YEARS & NEP, 2020
Prof Anita Julka NCERT

Vocational Education and
Skilling in
Middle and Secondary Stage

SNDT Women's University, Mumbai
Department of Educational Technology
Teaching Learning Centre (TLC)
under
Pandit Madan Mohan Malaviya National Mission on
Teachers and Teaching (PMMMNMTT) - MHRD

Project Director: Dr. Jayashree Shinde

The Teaching Learning Centre (TLC) at Department of Educational Technology, SNDT Women's University is established under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of the Ministry of Human Resource Development (MHRD), Govt. of India which addresses comprehensively all issues related to teachers, teaching and professional development so as to enable them facilitate teaching-learning in the twenty first century.

Teaching Learning Centre at the Department of Educational Technology was proposed with the following mission and objectives:

Mission

❖ To accelerate teaching-learning process by way of promoting independent, critical and creative thinking.

❖ To hand-hold the teaching community in facilitating research in the area of Instructional/ learning Technology

❖ To enable development of skills engaging latest technological tools as aids to teaching-learning process.

❖ To help faculty in capacity building for curriculum transactions and scientific assessment and evaluation.

❖ To develop Interactive multimedia for supporting teaching-learning process.

Objectives

1. To help faculty members in higher education use learner and learning centered pedagogy suitable to higher education.
2. To develop learning material under Open Education Resources (OER) in the form of Interactive Multimedia.
3. To enable faculty members to design and develop online courses (MOOCs) and blended learning courses.
4. To promote research on issues relating to teaching, learning and assessment practices.

1.1 National Workshop Flexi-Series on Learning Management Systems – MOODLE

One-week National workshop on "*Learning Management Systems - MOODLE*" through purely online mode was organized during July 27-August 01, 2020.

Objectives

The following objectives were set for the workshops:
After the workshop, the participants will be able to-

- Discuss significance of Learning Management System (LMS) in online learning
- Identify components of Moodle LMS
- Upload learning resources on Moodle LMS
- Design learning activities on Moodle LMS
- Generate gradesheets of learner activities
- Use Moodle to monitor academic as well as social progress of learners
- Plan for Moodle-based courses

Participation Details

TLC received over 1100 registrations from all over India. The final number of registrations were 1103. Out of these, 496 participants were certified for successfully completing the workshop training and 28 participants were certified for attending the webinar. Hence, totally, 524 participants from 30 states were certified at the end of the workshop. Table 1.1 presents the state-wise details of the participants.

Table 1.1: State-wise details

No	State	Male	Female	Total
1.	Andhra Pradesh	5	13	18
2.	Arunachal Pradesh	0	3	3
3.	Assam	3	5	8
4.	Bihar	7	9	16
5.	Chhattisgarh	1	2	3
6.	Goa	3	1	4
7.	Gujarat	1	6	7
8.	Haryana	11	12	23
9.	Himachal Pradesh	1	1	2
10.	Jharkhand	3	0	3
11.	Karnataka	21	24	45
12.	Kerala	2	7	9
13.	Madhya Pradesh	5	4	9
14.	Maharashtra	60	114	174
15.	Manipur	1	0	1
16.	Meghalaya	2	0	2
17.	Nagaland	0	1	1
18.	Odisha	3	9	12
19.	Punjab	2	15	17
20.	Rajasthan	4	13	17
21.	Sikkim	2	0	2
22.	Tamil Nadu	22	52	74
23.	Telangana	0	2	2
24.	Tripura	1	0	1
25.	Union Territory of Delhi	7	11	18
26.	Union Territory of Jammu and Kashmir	1	2	3
27.	Union Territory of Puducherry	1	0	1

28.	Uttar Pradesh	7	23	30
29.	Uttarakhand	2	1	3
30.	West Bengal	3	13	16
	Total	**181**	**343**	**524**

Modalities

The workshop was purely online in nature. The Moodle LMS platform was used for conducting the entire workshop. 19 groups of approximately 35 to 40 participants in each were systematically created for ease of conducting the workshop. The participants were made to participate in two roles – Student and Teacher. In the Student role, the participant played a student's role by attending the interactive workshop sessions, whereas in the Teacher role, the participant practiced his learning in the dedicated space provided for him/her on the Moodle page. For ease of identification and convenience for the organisers, every participant was given a unique number – e.g. A1.1, viz, the participant belonged to Group A1 and was the first name in Group A. In the Teacher Role, all the participants grouped under Group A were given their own "Sections" on the "Group A Teacher Role" course page on Moodle. Further, in the Student Role, 2 or more groups of participants were grouped together and a separate Student Role Course was created in Moodle.

Two sessions were scheduled for each day, which were conducted on YouTube. For every session, the YouTube links were posted on the Moodle Student page. Every session was made interactive with the participants clarifying their doubts in the chat box while watching the session. For each day, a Query Forum was created on Moodle and participants were encouraged to post their queries there and clarify their doubts. From the second day onwards, before beginning the sessions for the day, a quiz using Google Form format was conducted on the

earlier day's sessions as part of formative evaluation. These quizzes were timed.

The inaugural session of the workshop was done by Dr. Jayashree Shinde. She introduced the participants to the concept of Moodle and the Moodle Interface. The next day she introduced and explained the various Moodle Resources (Files, Folders and URLs) and the manner in which they can be added and edited on a Moodle course page. She also showed how to add a new course on Gnomio with its basic settings. On the third and the fourth days, Dr Shinde explained the Moodle Activities (Assignments, Polls, Discussion Forum, Chats, Contact groups) and the ways in which these can be added and edited on a Moodle Course Page. On the fourth day, Dr. Indira Koneru conducted interactive sessions on Quizzes in Moodle. Dr. Koneru also explained the licensing procedure for Quizzes created on Moodle, the ways in which quizzes can be imported from other sources and the marking schemes of the Quizzes. On the fifth day, Dr. Sameena Fallerio conducted a comprehensive session on Grade-sheet and Logs in Moodle. She demonstrated the creation, usage and significance of using these features of Moodle in the teaching, learning and assessment process. On the sixth day, Dr. Jayshree Shinde conducted a session on 'Planning a Course on Moodle'. She presented important points to remember which included deciding on the flow of content, creating a session plan, and preparing grade sheets. Participants who were unable to attempt quizzes due to Internet bandwidth problems and other genuine reasons were give another chance to attempt the quizzes again.
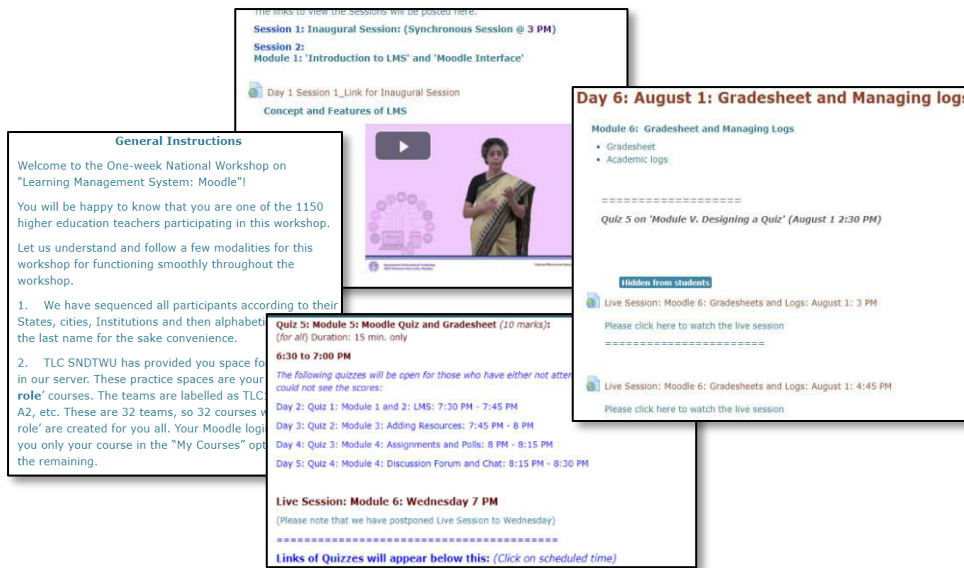
Fig 2: Screenshots of Participant sessions in Student Role

Activities and Assignments

- Viewing YouTube sessions in Student Role via YouTube links given on Moodle
- Practising adding Resources and Activities in the Teacher role in Moodle
- Adding resources in Moodle - File, Folder, URL in Moodle
- Creating Assignments, uploading feedback and upgrading grades
- Creating Polls and checking results
- Creating Discussion Forums and grading forum posts
- Adding Chats, creating Chat groups and assigning Chat windows
- Creating a question bank and designing a Quiz
- Practising how to use a Gradesheet and Logs
- Solving Quizzes on each topic administered through Google Form

Scaffolding and Feedback

Two WA groups and Moodle Query Forums for each day were created for query solving and doubt clarification. In the Student Role, two to

three mentors were assigned to each group to answer participant queries. General questions pertaining to any technical problems on Moodle were also constantly replied to by email.

Certification

Certifications were done based on these participant grades and participants' practice on the Teacher Role Moodle page of the Moodle features learnt during the workshop sessions. Some participants were also given Webinar certificates.
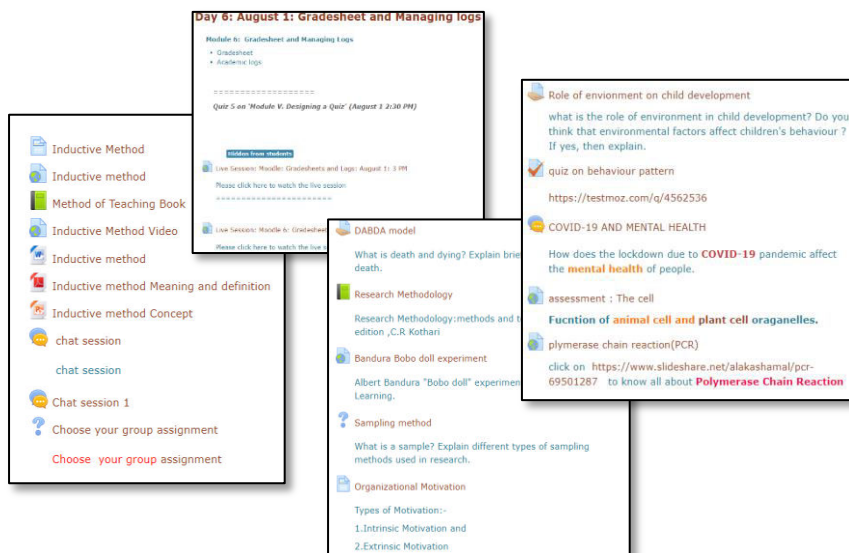
Fig 3: Screenshots of Participant sessions in Student Role

1.2   National Level Student Led Workshop on Engaging Learners Online

3-day free National Level Student Led Workshop on Engaging Learners Online through purely online mode was organized during April 15-17, 2021.

The following objectives were set for the workshop:

The participants will be able to:

- Plan activities to make video-based learning interactive
- Design flowcharts, mindmaps, graphic organisers
- Create learning boards with multimedia objects and presentations
- Use these tools for collaborative work among learners

Participation Details

47 higher-education teachers finally registered for the TLC workshop from across 11 states all over India. Totally 29 participants completed all activities successfully and were certified at the end of the workshop. Table 1.2 given below presents the state-wise details of the participants.

Table 1.2: State-wise details

	State	Male	Female	Total
1.	Assam	0	1	1
2.	Chhattisgarh	0	1	1
3.	Haryana	3	1	4
4.	Karnataka	0	1	1

5.	Madhya Pradesh	0	1	1
6.	Maharashtra	3	12	15
7.	Odisha	0	1	1
8.	Tamil Nadu	0	2	2
9.	Union Territory of Delhi	0	1	1
10.	Uttar Pradesh	0	1	1
11.	West Bengal	0	1	1
		6	**23**	**29**

Nature of the Workshop

This online workshop was designed to help participants to explore various ways to integrate ICT tools in online and blended learning. The topics covered under this workshop were as follows:

Day 1: Spiral.ac

- Build exercises within videos
- Create formative assessments using Spiral.ac
- Review, assess, grade, give feedback on activities

Day 2: Edpuzzle

- Create Interactive online videos for assessment using Edpuzzle

Day 3: Webjets

- Understand Visual information platform
- Create collaborative boards and multimedia presentation on Webjets

Modalities

The workshop was purely online in nature. Moodle LMS was used to launch the online sessions via GMeet. Each virtual classroom session was conducted for three hours on all three days. All the participants were added to the course on the Moodle platform in the learner's role. Totally three resource persons conducted the workshop. Moodle was also used to upload the resources, activities and assignments and for trouble-shooting. A WhatsApp group was also created for ease of communication. Handouts were provided for practice and to help in completion of assignments.

The workshop started with an introduction to ICT Tools in the teaching and learning process by Dr. Jayashree Shinde. Everyday the resource person used interactive methods to help the participants learn about the ICT tool and understand it's use to create interactive material. Ms. Rishika Chatterjee taught the use of Spiral.ac to create formative assessments. Ms. Samiksha Desai taught how to create interactive videos using Edpuzzle and Ms. Nidhi Shetty helped the students understand the steps to create collaborative boards using Webjets. Trainee Handouts were given to students for future reference for every ICT Tool. At the end of each day, the participants were administered a graded assignment which they had to submit before the beginning of the subsequent session.

Activities and Assignments

- Create an interactive video using the Clip feature of Spiral.ac
- Create a quiz using the Quickfire feature of Spiral.ac
- Create and share an interactive video lesson with questions and a voice note using Edpuzzle
- Create, publish and share a board using Webjet

- Use Moodle to access the resources like Videos, Handouts, Task sheets, on Spiral.ac, Edpuzzle and Webjet
- Upload the activities and assignments on Moodle

Scaffolding and Feedback

Primarily MOODLE discussion forums were used for query-solving. A WhatsApp group was also created for ease of communication. Apart from these, manuals, student-created video-links and Trainee handouts were used as medium for scaffolding and hand-holding of the participants.

Fig 4: Screenshots of Workshop on
**"National Level Student Led Workshop on Engaging Learners Online"**

1.3 National Level Online Faculty Development Programme on Making Online & Blended Learning Effective in light of NEP 2020

One-week National Level Online Faculty Development Programme on Making Online & Blended Learning Effective in light of NEP 2020 through purely online mode was organized during September 3-9, 2021.

Objectives

After the FDP, the participants will:

- Define Blended Learning in light of NEP2020
- Identify OER for online and blended learning
- Integrate engaging ICT tools to make Online Learning interactive
- Plan innovative In-class activities for Blended mode
- Use ICT integrated Pedagogies for Blended Environments
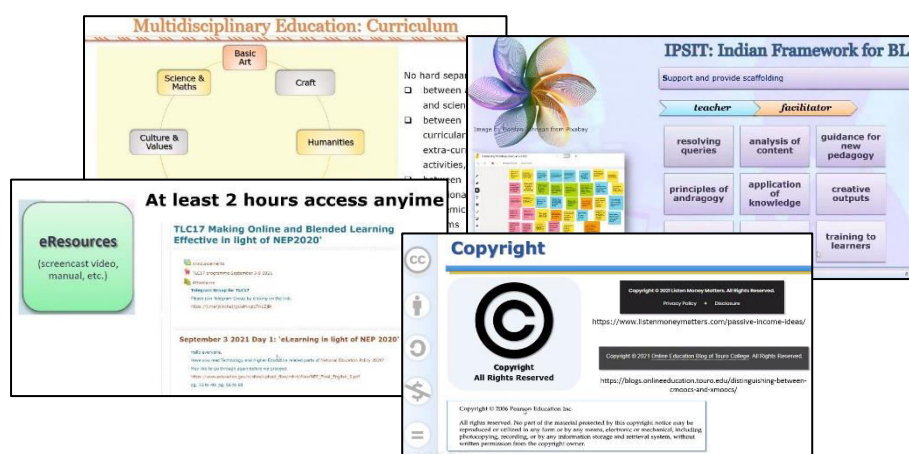
Fig 5: Screenshots of Gmeet sessions

Participation Details

TLC received registrations from all over India. The final number of registrations were 126. Out of these, 87 participants were certified for successfully completing the FDP training. Table 1.3 presents the state-wise details of the participants.

Table 1.3: State-wise details

	State	Male	Female	Total
12.	Assam	0	1	1
13.	Goa	0	2	2
14.	Gujarat	1	1	2
15.	Haryana	3	4	7
16.	Karnataka	3	4	7
17.	Madhya Pradesh	1	1	2
18.	Maharashtra	12	31	43
19.	Odisha	0	2	2
20.	Punjab	0	1	1
21.	Rajasthan	1	5	6
22.	Tamil Nadu	0	5	5
23.	Union Territory of Delhi	0	2	2
13.	Uttar Pradesh	1	5	6
14.	West Bengal	1	0	1
	Total	**23**	**64**	**87**

Modalities

The FDP was conducted in the online mode. The Moodle LMS was used as the delivery platform during the entire programme. Gmeet was used for delivering the synchronous sessions everyday. A telegram group was created to provide scaffolding to the participants and for query solving.

Every day, two sessions were conducted. The Gmeet links for the session were posted on the Moodle LMS and Telegram. The synchronous sessions were designed to make the entire learning experience interactive and learner-centered. Participants were encouraged to ask questions and raise doubts using the chat box facility.

Cooperative learning strategies were used during the online sessions to enhance learner involvement. Learner resources were categorized as Mandatory Learning Resources and Additional Learning Resources and was uploaded on Moodle as reference material for the participants. Formative evaluation of the learners was conducted everyday by administering "Anytime quizzes", using GForm, on Moodle or on Gmeet; 5 such quizzes were prepared. Participants were also expected to fill a Feedback form everyday. Along with sessions on Online and Blended learning, various resource persons were involved in teaching ICT tools to the participants. Links to the recorded sessions and Handouts of the ICT tools taught were posted on Moodle as reference for the participants. Day-end activities were also planned as part of assessments.

The Inaugural keynote was conducted by Prof. Vasudha Kamat, NEP2020 Draft Committee Member and Chairperson, Governing Board, CEC-UGC. She spoke to the participants on the National Education Policy 2020. Dr. Jayashree Shinde's session in the second half introduced the participants to the FDP and its modalities.

On Day 2, Dr. Shinde conducted sessions on Online Learning: Synchronous and Asynchronous Communication. The session covered concepts of elearning, online learning, synchronous communication and asynchronous communication with the participants. Videos and other web resources were used during this session. The second session was taken by Ms. Aakanksha Sharma who taught the collaborative ICT tool Coggle. This was followed by a session on the ICT tool Canva to create infographics. It ended with a day-end activity in which participants had to name ICT tools which they have used in the synchronous and asynchronous communication. They also had to create OERs using the tools taught.

On Day 3, Dr Shinde talked about Blended Learning and Ms. Rishika Chatterjee taught how create interactive videos using CurrikiStudio. As part of day-end activity, participants had to select a topic and target students from their regular teaching and plan one in-class and one out-

of-class activity. They also had to create an OER using CurrikiStudio on any topic that they teach.

On Day 4, four cooperative learning strategies – One Stray, Jigsaw, Rally Coach, Team-Pair-Solo, were taught to participants using the Corners and Fishbowl cooperative learning strategies. G-meet breakout rooms were created for the Corners strategy. The day-end activity expected the participants to select a topic and target audience to design a Cooperative Learning Strategy for this topic using one or more cooperative learning strategies.

Day 5 concentrated on Open Learning Resources. Dr. Chitra Wadke conducted a session on CC Licences. The second session was conducted by Dr. Madhavi Dharankar who taught Infographic using Piktochart and concept mapping tool. As part of day-end activity, participants were expected to create an OER using the ICT tool Miro.

On Day 6, Dr. Shinde introduced the participants to the IPSIT Model of Blended Learning. The second session was conducted by Mr. Nikhil Nagarkar on how to use the Audacity software for audio-editing and creation of podcasts. As part of day-end activity, participants were expected to create an OER Podcast using Audacity. Except for the second and the last day, quizzes were administered to the participants on the following day to test their understanding of the topic taught on the earlier day.

On the final and 7th day, the participants had to develop a course plan from their subject of teaching using a pre-designed template and submit it on the Moodle LMS.

Activities and Assignments

- Create open education resources using Canva, Coggle, Miro
- Create interactive video using CurrikiStudio
- Create a podcast using Audacity
- Use cooperative learning strategies during synchronous sessions
- Create a session plan for blended learning on a topic of participants' choice
- Use Moodle to access the resources like e-resources, videos, handouts, quizzes and activities

- Upload the activities and assignments on Moodle
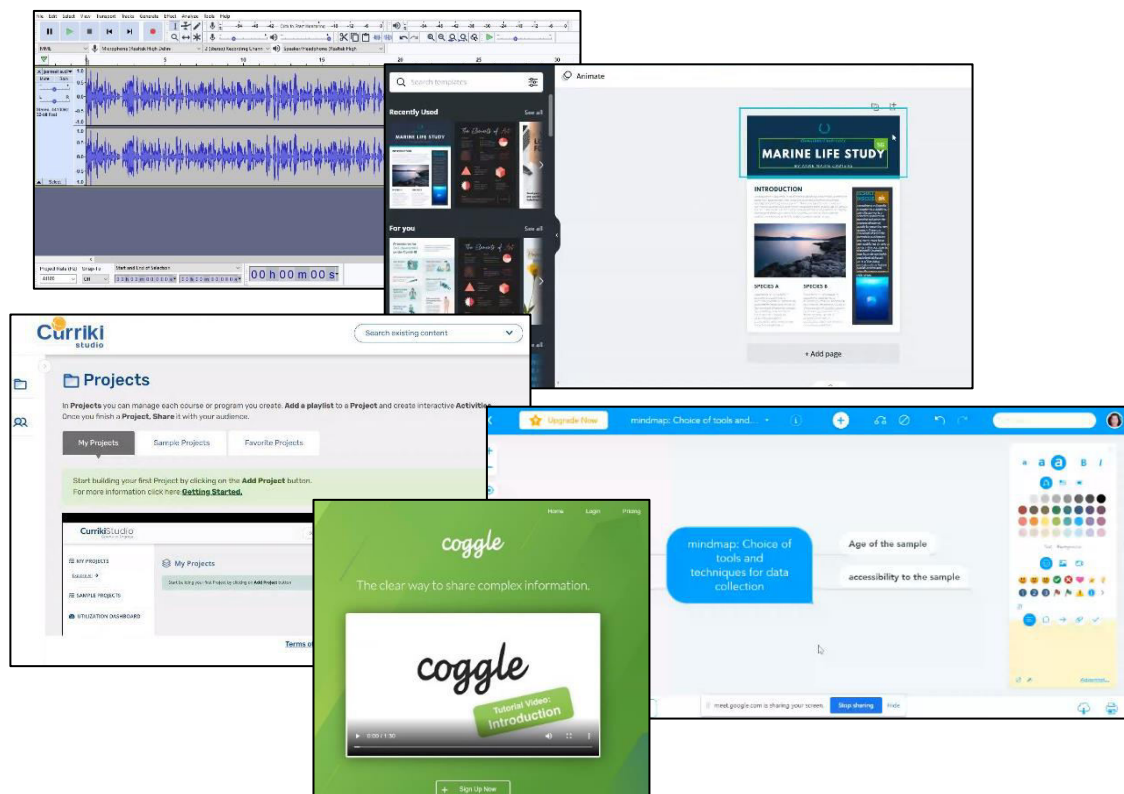
Fig 6: Screenshots of ICT Tools taught during the sessions

Scaffolding and Feedback

A telegram group was created to handhold and answer participant queries. Feedback on assignments were given on Moodle and email. General questions pertaining to any technical problems on Moodle were also constantly replied to by email.

Certification

Certifications were done based on active participation, number of quiz attempts, efforts taken to submit day-end assignments and submission of the final course plan. Only those who scored more than 50 percent of

the total marks assigned, were considered for certification and eCertificates were emailed to these participants.

Dr. Jayashree Shinde
Project Director, TLC

Department of Educational Technology

SNDT Women's University

Department of Social Work

Department of Lifelong Learning & Extension

On 24th April 2021 Monday Seminar on Warli art and Culture Tribal Women's perspective was organized by SNDT Women's University's Department of Social Work a nd Department of Lifelong Learning & Extension From 2 to 4 pm. It was attended by students of MA Non-Formal Education & MSW students and faculty members. Total 56 participants were present for the online Monday Seminar. Ms. Shital Borhade was the resource person of the Monday Seminar.

In the beginning of the Monday Seminar Ms. Kanchan Ekka, Asst. Lecturer, Department of Social Work welcomed Ms Sheetal, the Resource Person of the Seminar, Dr. Asha Patil, Director, Department of Lifelong Learning and Extension (DLLE), Dr. Rohini Sudhakar, Associate Professor, Department of LLE, Dr. Prabhakar Chavan, Associate Professor, Department of LLE, Dr. Prabhakar Chavan, Dr. Hemangi Kadlak, Asst. Lecturer, Department of Social Work were present for the Monday Seminar.

Ms. Sheetal spoke about the history of Warli art and painting. And how the whole life of warli people is preserved through the artists and how women of tribal descent are engrossed in learning the art and culture of their tribes. She gave her own example and explained how she learnt the art through nature. Mostly women learn the art and craft of Warli from their family members, relatives and neighbors. They also know the art of mixing colors and have designs to learn which are preserved by their family members.   She said all the participants of the Monday Seminar are welcomed to her village to learn the art and craft of Warli.

The Monday Seminar ended with vote of thanks from the Ms. Kanchan, Department of Social Work.

The programme invite was as follows:

To join the meeting on Google Meet, click this link:

https://meet.google.com/awv-dbud-osx

CUSCOP–IIC cordially invites you to attend
Talk on
**"Entrepreneurship and Innovation
as career opportunity"**
On 10th December, 2020, 3.30 PM (IST)
Guest Speaker
Mr. Vijay Shivpuje
Director, Patlex Business Solutions.
Honorary advisor, ASSOCHAM, New Delhi.
Mentor of Change, Atal Innovation Mission,
Niti Aayog, Govt of India.
Mentor, Startup India, Ministry of Commerce
and Industry, Government of India.
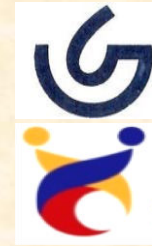
Organized by
C. U. Shah College of
Pharmacy, SNDTWU,
Juhu Road, Santacruz (W),
Mumbai 400049

Event Link
https://meet.google.com/bzv-nagw-nhe

Program Convener
Prof. Pratima Tatke,
Principal and IIC President,
C. U. Shah College of
Pharmacy, SNDTWU

Program Moderators
Dr. Milind Bhitre, Dr. Namita Desai,
Mrs. Rohini Waghmare,
Mrs. Tanmayee Joshi

Organizing Committee
Dr. Minakshi, Nehete, Dr. Prachi Mehendale,
Dr. Rachana Punjabi, Dr. Aparna Palshetkar,
Ms. Kalyani Sheth

Online International Professional Development Master Course on Universal Design for Learning (UDL)
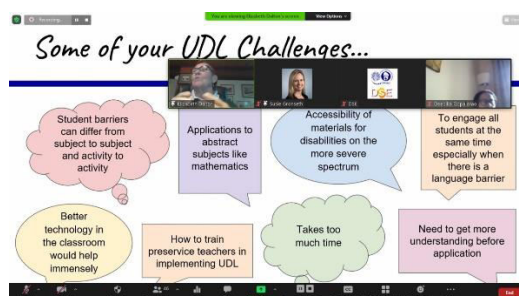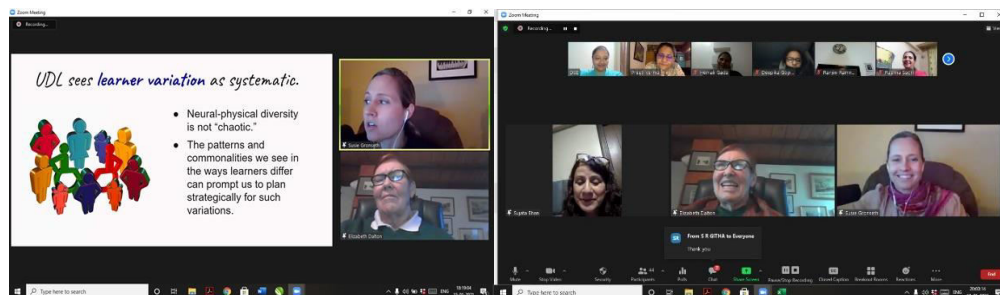
The 4-day International Professional Development Master Course on Universal Design for Learning (UDL) was conducted on Jan 15, 16, 22, 23, 2021 by the Department of Special Education, SNDT WU in an online mode. We were very privileged to have as our resource persons:

Dr Elizabeth Dalton: Adjunct Professor, University of Rhode Island, Senior Consultant, Dalton Educational Services International (DESI), USA

Dr Susie Gronseth: Clinical Associate Professor in Learning Design and Technology, University of Houston, TX (USA)

There were 45 national and international participants. There were 35 individual participants and 2 groups of five participants each. We were unable to take in more participants due to the limitation set by the resource person on the number of participants, to ensure the efficacy of the course.

The participants were very happy with the course and satisfied with the organisation of the Online International Professional Development Master Course of Universal Design for Learning.

REPORT
WHY IP IS IMPORTANT IN ACADEMIA?
Date: 26-April-2021
Time: 03.00 PM onwards
Link: https://www.youtube.com/MHRDInnovationCell

Talk by: Dr. Abhay Jere and Dr. Mohit Gambhir

The session started with the brief introduction of Dr. Abhay Jere, CIO MoE‟s Innovation cell.

26-April is the day celebrated as World Intellectual Property Day and hence the session shines a light on the critical role of small and medium-sized enterprises (SMEs) in the economy and how they can use intellectual property (IP) rights to build stronger, more competitive and resilient businesses. Dr. Abhay Jere stated that we Indians don‟t take patent filing so important than paper publication, more than 90% of institution have not filed an IP and hence there is a need to grow up our ideas and take it logically forward. Also, in academics we are more taught of being Saraswati and not Laxmi so there is a need to combine Saraswati and Laxmi. IIC cell believe that all faculty members, teachers, researchers should be capable enough to convert research into wealth through start-ups. He was of the view that employment crisis could be solved if we have SMEs, where this youngsters employ other unemployed people; we should be job creators rather than job seekers. Try to put up our ideas into enterprises and generate an employment. Emerging technologies like Artificial intelligence, Robotics, 3D-printing will have an impact on employment because there would be shrinkage of manpower but this is not the case, India would have huge advantage because of these technologies even jobs would be created accordingly but what we need to instill is demographic dividend, stop chasing grades and marks and start looking for ideas/innovations and taking up this innovation to start-up. Many youngsters depend on others to solve their problem but why not try themselves to solve problems which would create huge amount of IP. Union Education Minister, Ramesh Pokhriyal „Nishank‟ has virtually launched the campaign „KAPILA‟, which stands for Kalam Program for Intellectual Property Literacy and Awareness campaign on 15th October 2020. The day was launched in honour of 89th birth anniversary celebration of former President Dr APJ Abdul Kalam. This Kapila initiative helps by giving funding support to promote IP filling, almost 50% amount is reimbursed if 2 IPs are filed by the institution. We must believe to have our youngsters instead of chasing jobs in multinational they themselves should create a multinational this is how our India will progress.

Dr. Mohit Gambhir also talked about why is IP so important for Academia since we are in the "information age". In the knowledge based economy, the dictates of the day are the "ideas and concepts" wherein universities and research institutions play a key and dynamic role in the country. Universities and research institutions are entangled in many types of researches with enormous potential of creating value and attend the problems in the society. He gave various examples of distinguished personalities who started with start-up like few of them were Amar Bose- An Indian American academic and entrepreneur, Frank Thomson-Professor of Applied Mathematics at the MIT, Cleve Moler who was Professor at University of Michigan, Marc Raibert- professor at MIT. The below mentioned picture depicts the innovations that came up from University:
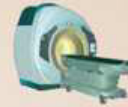
11 Important Innovations That Came From **University Research**

Seat Belt
The first modern version was developed at Cornell University.

Gatorade
Researchers at the University of Florida developed this drink for their athletes.

CAT Scan
The CAT scan was patented by a researcher at Georgetown in the 1970s.
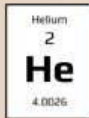
The Internet
Numerous research innovations at universities have helped make the Internet what it is today.

Flu Shots
The vaccine comes from research done at the University of Rochester.

Solar Power
Some of the earliest applications of solar power in housing were pioneered at MIT.

Periodic Table
The first version of the periodic table was created by a professor at Saint Petersburg University.

Chemotherapy Drugs
A number of these drugs were developed at various universities.

Ultrasound
The pioneering work for the ultrasound was done at the University of Vienna.

Rocket Fuel
Robert Goddard created the first liquid-fueled rocket while at Clark University.

Sources: en.wikipedia.org | wou.edu | history.com | boston.com | genesis-ultrasound.com | nytimes.com | gatorade.com | inventors.about.com

Role of Academia

For decades, professors have had a lasting impact on the economic development surrounding the colleges and universities where they work. Startup ecosystem in many cities were built, in part, by professors there who were able to help launch successful startups that attracted talent and capital. E.g. Silicon Valley and Boston.So, if city leaders want to bring in fast-growing companies that attract capital and reward investors by going public, they should pay attention to what professors at local colleges and universities do outside the classroom. If professors spend time gathering data and writing research papers, the city may never become a startup city. However, if those professors start companies to commercialize their intellectual property, odds increase that their efforts will result in successful startups which will create a demonstration effect that draws more talent and capital to the city.Universities and public research institutions (PRIs) re the factories of the knowledge economy. IP adds another mechanisms for universities to disseminate the knowledge that they generate and to have that knowledge used in the economic sector. IP plays an essential role in both the research and teaching functions of Universities or academic institutions. This includes IP created by Universities/Institutions and also third-party IP that they use in their work. Whether it be basic or applied research, through their R & D activities, Universities/ institutions produce results in the form of inventions, scholarly publications, databases, new plant varieties, confiedntial information, computer programs etc. Many of these are protectable by IP, yet many are also no more than proofs of concept or laboratory-scale prototypes which require further R & D before they can be commercialized. By granting Universities/Institutions the rights to their own IP derived from publicly-financed research, and allowing them to commercialize their results, governments around the world are trying to accelerate the transformation of inventions into industrial processes and products, and to strengthen

collaborative ties between universities and industry. An academic institution"s teaching activities will also generate IP, such as print publications, theses, software, films, sound recordings, computer presentations and multimedia works. These are generally protected by copyright. The internet and modern technologies have fostered greater access to scholarly materials, but also prompted grater conflicts over their ownership and use. So, Universities/Institutions need suitable IP policies to deal with the ownership and management of teaching materials, access to scholarly informations and use of third-party materials.

Thought for IP Universities/Institutions serve the public interest by disseminating knowledge through both research and teaching. Traditionally, may have done this by building close links with local industry and businesses as well as publishing the results of their research. But the era of globalization and the Internet has opened up new possibilities. While open access publication may be appropriate for some research outputs, others should be kept confidential temporarily so that they can be patented and developed commercially. To manage their IP and

disseminate their knowledge effectively, Universities/Institutions need to understand how to use the IP system Research Management and Intellectual Property For decades, universities and R& D institutions in the developing economies have not been associating themselves with IP.

- Neither promotion nor protection;
- IP- Not in teaching curriculum or slowly making ways;
- No or lack of Institutional IP policies;
- Researchers- interested with the immediate economic gains- at the expense of the long

   term value that can be captured from research outputs using the IP system.

   The Changing research Landscape
- From the mid-1980s-change of global policies-increasing western influence-liberalization

of the economy-the key players are in the private sector
- Increasing collaboration with the western research institutions brought-in new research

values-the need to have clear guidelines on ownership of research outputs;
- Financial and availability of Support;
- Can the IP management system fill the gap and strike a balance?

IP Management is required as it is a way of tapping value from research, creating additional incentive to researchers, developing beneficial linkages with other research institutions, forming long term beneficial partnerships with the private sector-SMEs, start-ups, it is a means of attracting research funding from private sector, as a means of guaging the impact of research to the society and a way of repositioning R & D Institutions.

Conclusions
- R & D operate in a fast changing and complex business environment
- Property relations are being redefined- It is those with ideas that are set to rule the world
- In order to develop a self-sustaining circle of research and innovation-IP is an

indispensable agenda
- The integration process requires investment in Time and Financial Resources
- The need for institutional collaboration on IP Management Capacity Building

SNDT Women's University,
Department of Lifelong Learning & Extension &
Department of Social Work

Report of National Webinar on Intellectual Disability

National Webinar on Intellectual Disability organized by SNDT Women University's Department of Lifelong Learning and Extension & Department of Social Work in collaboration with National Institute of Empowerment of Persons with Intellectual Disabilities, Navi Mumbai on 14 Dec.2020 at 2.00 pm.
Link for joining webinar https://meet.google.com/pwx-anke-bwk

In the beginning of the webinar Dr. Rohini Sudhakar, Associate Professor, Department of Lifelong Learning and Extension. She welcomed
Dr. Asha Patil, Director, Department of Lifelong Learning & Extension, Dr. Prabhakar Chavan, Associate Professor, Dept. of LLE, faculty members of Department of Social Work Mr. Dashrath Choudhari, Lecturer in Rehabilitation Psychology at National Institute for the Empowerment of Persons with Intellectual Disabilities, (Divyangjan), Regional Centre, Navi Mumbai and Mr.Ravi Singh were the resource persons of the webinar and students and others present for the National Webibar. Total 55 persons were present for the National Webinar.

In the beginning Mr. Dashrath Choudhari, spoke on disability and intellectual disability:

Report on Workshop of How to Write Online Assignments

Department of Lifelong Learning and Extension (DLLE) and Department of Social work jointly organized a Workshop on How to Write Online Assignments for the students of MA NFE and MSW on August 5, 2020at 11.00am. The Resource Person was Dr.Vaibhav Jadhav, an Assistant Professor, Savitribai Phule Pune,University Pune. This Webinar was Organized by Dr.Prabhakar Chavan, Associate Professor at SNDT Women's University .The Head of the Department Dr.Asha Patil and Dr.Rohini Sudhakar, Associate Professor were also present for this webinar.

The COVID-19 pandemic has posed many sectors to shift their bases online including education when numerous schools and colleges have started teaching the students through online platforms or across the entire world.

Dr.Jadhav, explained the importance of online assignments that he uses for online teaching-learning in Pune university. He also explained about **EDMODO.**

EDMODO is an online learning platform. Through EDMODO teachers can send messages to students and share their class material to make learning accessible anywhere for students to find their voices, experience, and empower students digitally.   The learning through the App can become a vibrant classroom community. Student's Parents can also get the updates of their ward by staying in sync with teachers to see the classroom activity and grade at a glance to help the students stay on track.

The second one which was explained was the **MOODLE**. Moodle is a free and open source learning management and written in PHP under the GA new General Public Licence. It is used for blended learning, distance education, flipped classroom and other E-learning projects in schools, universities, workplaces and other sectors. With customizable Management features it is used to create private websites with online courses for educators and trainers to achieve learning goals model allows for extending and tailoring learning environment using community sourced plugging.

The last one which was explaining was a live **PDF**. This app breaks down the barriers to file management making it effortless to modify an optimized document as efficiency is crucial on the road of success. It brings powerful tools for teachers and students. It is built with security compliance and privacy in mind.

Mr.Vaibhav explained each and every detail about the app including how to use it for students as well as for the teachers. This was a very informative session . As during Covid-19 students have to submit various assignments online. The session was very much needed. Students were given time to learn the App.   Earlier students didn't have any idea about the apps which the Resource person explained. But after the explanation students as well as the faculty members had the clear picture of how to use these apps for Online Education. Total no of participants present was 46 students. Program ended with a vote of thanks proposed by Dr.Prabhakar Chavan.

SNDT Women's University, Mumbai

NAAC Accredited 'A' Grade

Department of Lifelong Learning &Extension and Department of Social Work

Jointly Organizes

WORKSHOP ON HOW TO WRITE ONLINE ASSIGNMENTS

Resource Person

Organizer

Dr.Vaibhav Jadhav,
Assistant Professor.DEE
,Savitribai Phule Pune
University Pune

Dr.Prabhakar Chava...
Associate Professo...
DLLE,SNDT Women...
University,Mumba...

Date : August 5, 2020 @11am

'CUSCOP-IIC DRIVEN ACTIVITY'
'Motivational Session by Successful Innovator'
By Dr. Vikram Naharwar
CEO, Amsar Goa Pvt. Ltd.
through Virtual Mode
Date: 18th December, 2020 (Friday)
Time: 03:30 PM onwards
(Webinar Organized by CUSCOP-IIC)
Report

CUSCOP-IIC invited Dr. Vikram Naharwar, CEO, Amsar Goa Pvt. Ltd. for a motivational session regarding innovation through virtual mode. He is recognized as an expert in the field of Herbal Medicine. He is the Head of Research at Amsar Pvt. Ltd, R & D Laboratory. He has been a member of the U.N.I.D.O. Round Table of Consultation. He has developed many novel herbal compounds and formulations. He has published numerous papers on herbs and their uses, as co-author of the Book Natural Plant Products: A Practical Guide, author of the CD ROM: Ayurveda; The Science of Life. In 1993, Dr. Vikram Naharwar became a voting member of the American Herbal Products Association. In 1999, he was selected by the Drug Controller, Government of India, to be a select member of the Pharmacopoeia Committee for the Pharmacopoeia of India. The purpose of this talk was to motivate students by successful innovator. Dr. Vikram has a successful journey from a start-up to a renowned company. He shared his experiences with students regarding all the aspects of innovation. According to him, innovation should be more useful rather than being unique. Innovation is important as it encourages entrepreneurship. He advised students to work in a team as joining hands with people leads to success. Dr. Vikram Naharwar has developed many novel innovative dosage forms like mouth sanitizer especially useful in current Covid – 19 times, curcumin lozenges, pomengrate fruitpeel effervescent granules etc. The mouth sanitizer developed by AMSARVEDA is 100% natural, non-alcoholic, antioxidant, antiviral, anti-bacterial, anti-infective, anti-inflammatory. It has proven very effective during COVID-19 pandemic. The talk with Dr. Vikram has inspired everyone to be innovative and commercial during all aspects. He advised students to gain the commercial knowledge along with the academics.

Benefits to the Students

Dr. Vikram Naharwar's talk was very beneficial and motivational to the students. He has focused mainly on the innovative approaches of the work which is essential for research as well as academics. He guided students to always put themselves in the position of customers for the better results. Innovation is a creative process for developing one's overall life along with the future. It imparts success as well as in depth knowledge.

CUSCOP-IIC Activity
"Entrepreneurship and Innovation as Career opportunity"
Webinar By: Mr. Vijay Shivpuje (Director of Patlex Business Solutions, Honorary advisor, ASSOCHAM, New Delhi. Mentor of change, Atal Innovation Mission, Niti Aayog, Govt of India.)
Date: 10th December, 2020 (Thursday), Time: 15:30 hours onwards

A very informative and encouraging session by Mr. Shivpuje was organized to enlighten and make the students familiar with the idea of entrepreneurship and start-ups. An innovative idea can bring about a drastic change and can promote business opportunities

At the beginning of his talk, Mr. Shivpuje simplified the idea of Innovation by breaking it down into the Critical Thinking Techniques from which basic ideas can be generated. Various techniques like Lateral Thinking, Reframing Matrix, Mind mapping, Brain storming, Random input, Reversal, Morphological analysis, etc can be applied for innovation.

The session preceded with examples from day to day life; how people made career out of innovative ideas. Few examples cited were start-ups like my udaan, 1mg, Pharma Literati etc. Pharma Literati is the speaker's own venture. Other examples of innovative ideas were Practo, Beat, etc.

Mr. Shivpuje ended the session with giving information about funding opportunities provided by Government of India for start-ups. Students were motivated by the encouraging session and wanted to know more. The speaker also encouraged the students to write to him regarding their queries and informed them that Pharma Literati also encourages student internships. Overall, the session was very interesting and informative.

"IIC DRIVEN ACTIVITY"
Session on "National Innovation and Startup Policy"
Jointly organized by Institution Innovation Council, S.N.D.T Women"s
University and CUSCOP–IIC
Speaker: Dr. Ashish Panat
Director – Innovation, Incubation and Linkages
S.N.D.T Women"s University
Date: 21th December, 2020
Time: 03:30 pm onwards

Report

Institution Innovation Council, S.N.D.T Women"s University and CUSCOP–IIC jointly organized session on "National Innovation and Startup Policy" and invited Dr. Ashish Panat, Director - Innovation, Incubation and Linkages, S.N.D.T Women"s University and President of Innovation Council, S.N.D.T Women"s University for a talk through virtual mode.The session started with the speaker describing the National Innovation and Startup Policy for Higher Education Institutions and its usefulness for institutes to actively engage students,

faculties and staff in innovation and entrepreneurship related activities. The policy framework would also facilitate Ministry of Human Resource Development in bringing uniformity across HEIs in terms of Intellectual Property ownership management, technology licensing and institutional Startup policy, thus enabling creation of a robust innovation and Startup ecosystem across all HEIs. He guided students regarding all the aspects of innovation by giving real life examples. The main objective of establishing IICs in higher education is to strengthen the campus innovation and startup activity. The speaker briefed about National Innovation and Startup Policy, its various dimensions and the thrust areas. He has advised students to work as a team which can give more success in innovation and startups. He has highlighted the features of this policy such as academic break for a semester/year to work on startups, creation of "Innovation fund" for supporting innovative projects, academic credits earned for startups. He gave the students and faculty, ideas about the steps before setting up an incubator and also elaborated the important factors of incubators such as the infrastructure and facilities, the financial feasibility, the space and design. He also emphasized that the entrepreneur needed coaching, mentoring, managing and counselling; where mentoring is the most important quality of an incubator should focus on. Also, he has discussed the following topics related to innovation and startup policy:

☐ Strategies and Governance
☐ Startups Enabling Institutional Infrastructure
☐ Nurturing Innovations and Startups
☐ Product ownership rights for Technologies developed at institute
☐ Organizational capacity, Human Resources and Incentives
☐ Creating Innovation pipeline and pathways for Entrepreneurship development
☐ Norms for faculty start-ups
☐ Pedagogy and learning interventions for Entrepreneurship Development
☐ Collaboration, co-creation, business relationships and knowledge exchange
☐ Entrepreneurial Impact Assessment

The talk with Dr. Ashish Panat inspired everyone to be innovative and commercial in all aspects of life. He has advised all the participants to be more thoughtful and innovative while working or studying. Dr. Ashish Panat's talk was very informative and he has discussed many methods to raise finances. The session was very interesting, thought provoking and beneficial to all the students and faculty.

<u>Report</u>
'IIC DRIVEN ACTIVITY'
Process of Innovation Development
Dr.Akshaya Tatke, ORISE Fellow, FDA, New Jersey, USA
Bhavik Soneta, M.S, Analytical Research & Development Scientist, APTA Pharma, New Jersey, USA
5th December 2020 (Saturday), 11am onwards
(Webinar organized by CUSCOP-IIC)

The mandate of MHRD's Innovation Cell is to promote activities involving education sector to foster the culture of appreciating, nurturing, supporting and handholding new ideas. The major focus of CUSCOP-IIC is to create a vibrant local innovation ecosystem. With this goal with mind, we invited two eminent speakers today who have worked on innovative dosage forms for Posterior Ocular Drug Delivery. Eye is most interesting organ due to its drug disposition characteristics. Generally, topical application of drugs is the most of choice under most circumstances because of its convenience and safety for ophthalmic applications. Today, there is an increasing need for successfully managing the rapidly progressing posterior eye diseases such as age-related macular degeneration, diabetic retinopathy and glaucoma. However, the blood retinal barriers and efflux transporters hamper the transport of therapeutic entities to the retina. Hence, efficient delivery of drugs to the posterior eye remains a major challenge to pharmaceutical scientists. With the purpose of understanding the process of innovation to overcome the mentioned challenges, we have invited Akshaya Tatke, PhD and Bhavik Soneta M.S., New Jersey, USA. The sessions commenced with the opening remarks by Dr. Pratima Tatke, IIC President. Dr. Akshaya discussed in detail, the process of innovation development in formulating triamcinolone acetonide ocular films with a high drug load. The

innovation in this research work was noninvasive delivery route for increasing delivery to the posterior ocular tissues. Mr. Bhavik discussed subconjunctival delivery using Fluocinolone acetonide loaded nano lipid carriers.

The innovation in this session was application of nanotechnology for therapeutic application that has embarked as an emerging tool for drug delivery application. Benefits to students The speakers focused on various tools required for idea generation and stimulating eativity…. how to think… key to solving problems. They motivated students for higher education in pharmaceutical sciences.

Report
Talk on "FROM YOUR Ph.D. / MASTERS THESIS TO A START-UP"
by Dr. Anand Deshpande, Founder and CMD, Persistent Systems
Date: 23-April-2021
Time: 11 a.m. onwards
Link: https://youtu.be/bS-0WbeLzFc

MIC had announced a talk by Dr. Anand Deshpande, Founder and CMD, Persistent Systems in the gracious presence of Honourable Chairman AICTE; on topic „From your h.D./Master"s thesis to a start-up". The session started with the brief introduction of speaker; Dr. Anand Deshpande. The whole session was very interactive and useful to learn many tips we can consider while starting with a new business. The constraint was that, those who complete Ph.D. must engage in research but all researchers cannot be entrepreneurs. However, Ph.D journey itself is the best training for entrepreneurship because it is the phase where we learn to be persistent, contextually aware, focussed and demonstrate our innovative skills which is all that is needed while we are planning for any start-up. The overall objective of the talk was to convince yourself about your skills (tenacity, focus, contextual awareness, persistence) are valuable to be an entrepreneur. It all starts with building an idea/ innovation, validate that idea, build a strong team who is as passionate as you are which eventually leads to a successful business. The Lean Startup process is better to follow while starting a business wherein lean manufacturing is a disciplined process to constantly reduce waste of time. Lean is a journey and not a destination and this kind of manufacturing is inspired by the gurus of Lean Manufacturing, Edward Deming and Taiichi Ohno. Build- Measure and Learn are parts of the loop to minimize the total time required to start a business.

The speaker emphasized on establishing baseline- Minimum Viable product (MVP) where viable is a "key" word. MVP is not a product it"s a process of experimentation, repeatedly asking two questions:

1. What are my riskiest assumptions?
2. What is the smallest experiment to test it?

So, take your business idea- analyse the different segments, value proposition, customer relationships, channels, key investors, key resources, key activities, revenue streams and lastly cost structure.

The overall session was about different planning ideas we can start with before executing it into a product or an enterprise. The speaker gave various examples of persistency, passion for work and clarity towards our mission also, teammates are equally important for a successful business. The PhD Thesis may have been a solo project, but entrepreneurship is all about teamwork! Cash generation is the key to the success of a business - The money that flows in, and the money that flows out in short if you are out of cash, you are out of business. The session ends with the term sunk cost which is a cost that has already occurred and cannot be recovered by any means just like your Ph.D - your success depends on what you do from here on—good idea and a good team will help.

Report of Student Led Conference

NSS Unit of L.T. College of Nursing organized a Student Led Conference on 17th August 2020, 2pm-4pm, virtual platform (Zoom) on an occasion of World Breastfeeding Week: "Support Breastfeeding for a Healthier Planet". Total of 82 students participated in this event. Students presented on topic of Key Stones of Breastfeeding'' highlighting on anatomy and physiology of lactation, types of breastmilk, techniques of breastfeeding WHO Guidelines and Research followed by a Panel discussion.

Dr. Aakanksha Waghe was the Moderator for Panel discussion: "Unfolding Facts of Breastfeeding" Dr. Swati Manerkar, additional Professor and In charge, department of Neonatology, L.T.M.G. Hospital,Sion and Sr. Surekha Pale, Ex-NICU In charge, K.E.M. Hospital, Parel and Mrs. Sebin Bijo, Faculty of L.T.College of Nursing participated as panellist.

Post conference activities included sharing videos on breast feeding, quiz, H5P video on techniques of breastfeeding, sharing a concept map and post-test.

Vacha Report: Monday Seminar

SNDT Women's University's Department of Lifelong Learning & Extension & Department of Social work had collaboratively organized an Online Monday Seminar on 'Girls' Empowerment through Vacha'. Ms. Yagna Parmar, Director, Vacha Charitable Trust was the Resource Person of the Seminar was organised on 19th April 2021 at 2 p.m

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https://meet.google.com/zwu-myzi-ani

Link for Monday seminar ☝

In the beginning Dr. Rohini Sudhakar, Associate Prof. of the Department of Lifelong Learning and Extension (DLLE) welcomed Dr. Asha Patil, Director, DLLE, Dr. Prabhakar Chavan, Associate Prof., Dr. Hemangi Kadlak, Ms. Kanchan Ekka and Ms. Yagna Parmar, the Resource Person of the Monday Seminar and students present for Monday Seminar.

Dr. Rohini Sudhakar introduced Ms. Yagna Parmar by mentioning that Ms. Yagna was the first topper of the MSW programme of SNDT Women's University of 2004-2206 batch and that she was the best in fieldwork.

The Monday Seminar was attended by 48 persons including the students 43 of MA Non-Formal Education (11) and Development and MSW (32) and 5 faculty members.

Ms. Yagna mentioned that Vacha is a group of women with varied backgrounds such as social activism, community work, media, research, management, law, writing, finance and teaching. In her presentation Ms. Yagana mentioned what efforts were made by Vacha for empowering girls.

In her talk she mentioned following main points:

With the efforts of Vacha many lives of young adolescent girls are touched, changed with the ripple effect, the girls and youth participating in Vacha's interventions have assumed agency to bring about change in their families, friends and communities.

Vacha's interventions are with inter-sectionally deprived adolescents in their second decade of their lives. They live in poor *bastis* (commonly referred to as slums). Vacha primarily works with girls and sensitises boys to ensure an effective support system for girls in their families and communities. Vacha also visibalises and advocates for girls and women by participating in various networks and campaigns, organising seminars and conferences and production of publications.

Girls at all Vacha community centres bring out bi-annual newsletters in their respective communities. Programme participants from some communities release the issue every year in the month of August.

Older girls emerge as leaders and ideal role models for the younger programme participants thereby inspiring them to carry out community action with the needed optimism.

Girls are empowered with skills such as planning, critical thinking, fund-raising, budgeting, networking and problem-solving. Girls are taught cycling and courses are organized for girls as per their need and demand to ensure that they will be given opportunities to learn.

Ms. Yagna presented details of the work of Vacha through PPT. After her presentation students and faculty members present for this online Monday Seminar asked her questions regarding work of Vacha like how Vacha reached out to students, etc. Ms. Yagna answered their questions. The seminar ended with a vote of thanks to Ms. Yagna.

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Post conference activities included sharing videos on breast feeding, quiz, H5P video on techniques of breastfeeding, sharing a concept map and post-test.

Session on
**ENHANCING YOUR PROFESSIONAL FOOTPRINTS WITH INNOVATIVE
MEDIA & INFORMATION COMPANY**
on May 05, 2021

A session on ENHANCING YOUR PROFESSIONAL FOOTPRINTS WITH INNOVATIVE MEDIA & INFORMATION COMPANY was organized by Department of Textile Science and Apparel Design online om may 05, 2021 Ms. Jigna Shah, Founder Innovative Media and Information Company. Topics covered under the session were Media, Branding, Hr Services for Textile and Apparel Industry. Innovative Media and Information Company was founded in the year 2012. This company Combine and Connect industry contributors under one Platform. Vision is to reduce gap of all the contributors and assemble them into one platform. Mission is to utilize optimum potential towards growth of country and human race.

Fashion Value Chain (FVC) is the Global Online platform to unite Fashion Enthusiasts and Fraternity into one platform. This platform is for budding fashion entrepreneurs, freelancers, designers who wants to follow their dreams in the fashion industry. FVC will cover Fashion Stylist, bloggers, models, photographers, retailers, designers, private labels, Indian and International brands, local home grown brands etc. Fashion Followers are already following them on social media pages TEXTILE APPAREL JOBS is the Indian Global Online Employment Platform for both Organization who needs an Efficient Human Resource to build strong team and for people who are seeking Dream Jobs with Meaningful Career. Vision is to provide one stop solution to Global Textile and Apparel Industry for

Mission is connecting people to organization and vice versa. Innovative Design and Print Services provides graphic design, textile design/pattern design, fashion illustrations designs. Graphic design caters to the logo, brochure, leaflet, Magazine, etc. Textile Design provides designs for men, women, and kids fabrics.

Fashion Illustration provides an illustration for fashion, garment. Internship Opportunities with Textile Value Chain TEXTILE VALUE CHAIN as Social Media Content Developer which help in to develop Graphic design skills, knowledge improvement for textile industry.

As content writer intern need to Write articles, research papers, textile industry news writing and development, market reports, proofreading, drafting, social media content. It gives benefits of having your work published in an international textile journal enhances your profile with added credits, one not only develops their writing skills but also gain a deep knowledge in a particular topic.

Total 22 students of Textile science and Apparel design attended this session.

Department of Edu. Management & JDBIMS
SNDT Women's University,
Youth United in Voluntary Action (YUVA) Mauritius
Jointly Organises

One Day International Workshop on

Decision Making for Leaders

Dr. Krishna Athal
(Trainer)
Executive Director
at YUVA.

Prof. Meera Shankar
Director (I/C) & HOD
of Edu. Management
at SNDTWU.

Day & Date - Sunday, 17th October 2021
Time- 11.15 a.m. - 3.15 p.m.

Zoom ID. - https://tinyurl.com/ymhzyhcj

E-Certificate will be provided by YUVA Mauritius

For More Info contact Harsha Mulay - 9820819516

SNDT Women's University,
Department of Lifelong Learning & Extension &
Department of Social Work

Report of Monday Seminar on People's association for Training and health (PATH) and its Tuberculosis program in the slum communities

Online Monday Seminar on People's association for Training and health (PATH) and its Tuberculosis program in the slum communities was organized on 12th April 2021 at 2 p.m. Alphonsa Sequeira and Varsha karangutkar were the Resource Persons of the seminar.
Link for joining webinar https://meet.google.com/pwx-anke-bwk

In the beginning of the webinar Dr. Rohini Sudhakar, Associate Professor, Department of Lifelong Learning and Extension welcomed the participants including
Dr. Asha Patil, Director, Department of Lifelong Learning & Extension, Dr. Prabhakar Chavan, Associate Professor, Dept. of LLE, faculty members of Department of Social Work and Ms. Alphonsa Sequeira and Varsha karangutkar, Resource Persons of the seminar.
. Total 55 persons were present for the National Webinar.

Monday Seminar on People's association for Training and health (PATH) and its Tuberculosis program in the slum communities 12th April 2021. was organized on

Ms Alphanso explained the work of PATH in short and then spoke about on TB, it's types, it's seriousness and how do PATH implements TB program in the community. PATH has close contact with their community as their main office is located right in the midst of the slum community of Chitanagar. So, they are very well aware about each and every family of that area and try to solve the issues of that community. Late Ms Varsha karangutkar explained how they organise community awareness and skill based programmes in detail.

The programme ended with thanks to Resource persons and all the present participants of the programme by Dr. Rohini Sudhakar.