

TELEMEDICINE @ JIPMER

**Training Report Conference of SAKURA Science Exchange Program
(Train-the-Trainer Program for Telemedicine Engineers in Asia)**



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Telemedicine Infrastructure & Network Administrator

**Jawaharlal Institute of Postgraduate Medical Education & Research
(JIPMER)**

**(Institute of National Importance under Ministry of Health & Family Welfare, Government of India)
Puducherry, India**



Prof Dr Ravi Kumar Chittoria

**MBBS, MS, MCh, DNB, MNAMS, MBA, PhD, DSc, FAMS, FRSM (UK), FRRHH (UK), FRCS (Edin),
FSASS, FRHS, FAGE, FSASMS, FAIS, FTSI (Telemedicine), MACS (USA), MASPS (USA),
PDCR, PGDMLS, PGCHM, PGDTM (Telemedicine)**

Author of Textbook: 'Telemedicine For Books'

Member Telemedicine Society of India (TSI)

Member Indian Society of Tele Dermatology (INSTED)

Nodal Officer Telemedicine NKN Project (NIC)

Nodal Officer Telemedicine NMCN Project (MOHFW)

Nodal Officer Telemedicine ISRO Project

Head of IT Wing & Telemedicine, JIPMER

Head

**Department of Plastic Surgery
JIPMER, Pondicherry, India.**



- ❖ **Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER)** originated in the year 1823 as the Ecole de Medicine de Pondicherry established by the French Government.
- ❖ JIPMER was established in its current campus in 1964 and is spread over 192 acres.
- ❖ JIPMER is well known for its Undergraduate and Postgraduate Medical Courses and its alumni have excelled in different disciplines all over the world.
- ❖ In 2008, JIPMER was declared an Institution of National Importance and became autonomous body by an Act of Parliament.
- ❖ In 2013, Ministry of Health & Family Welfare, Government of India designated JIPMER as Regional Resource Centre (RRC) for Government Medical College under South India for Telemedicine.

JIPMER Integrated IT Wing

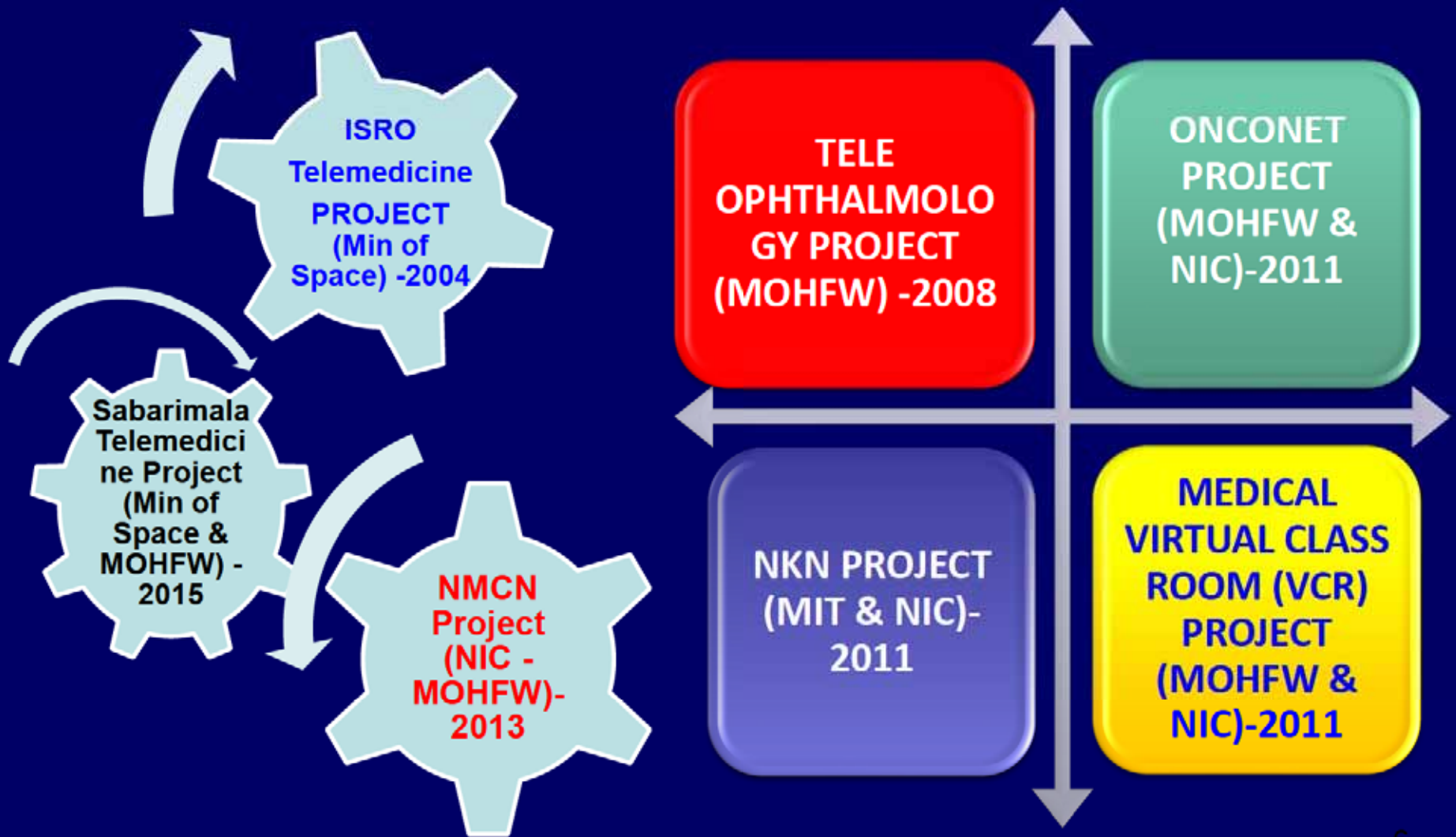


Telemedicine Infrastructure

- Video Conferencing System
- Telecast System
- Satellite System
- Mobile Telemedicine Console
- Digital Microscope
- Digital Dual Layered X-ray Scanner



Telemedicine Projects @ JIPMER



Videoconferencing of Scientific Sessions



Conducting Online Telemedicine Workshop



Conducting Medical Virtual Class Room Teaching



For Live Streaming/Telecast of Scientific Sessions



Telemedicine TV Studio

(For Recording & Telecasting of Teaching & Public Awareness Programmes)



Campus Wi-Fi System



JIPMER Collaboration with TEMDEC & APAN in Nov 2015



JIPMER Collaboration with BIMSTEC Countries in 2017



JIPMER Telemedicine

Received International Oscar BMJ Award in 2014



JIPMER Telemedicine Received ISO Award in 2015



Certificate

Breakthrough Management Quality Registrar
(BMQR)

Certifies that the Quality Management System of

JIPMER
DEPARTMENT OF PLASTIC SURGERY
Jipmer, Puducherry - 605 009, India.

has been assessed and found to be in accordance with the requirements of the quality standards:

ISO 9001:2008

for the following scope of certification

OUT PATIENT (OPD), IN PATIENT (WARD), OPERATION THEATRE (OT), INTENSIVE CARE UNIT (ICU), EMERGENCY AND TRAUMA CARE, SPEECH THERAPY, MICROVASCULAR, LASER, SMILE TRAIN CLEFT PROJECT, TELEMEDICINE, TEACHING AND ACADEMIC, RESEARCH, OFFICE, SOCIAL WORKER, STORE KEEPER SERVICES OF DEPARTMENT OF PLASTIC SURGERY, JIPMER, PUDUCHERRY, INDIA.

Further clarifications regarding the scope of this certificate and applicability of ISO 9001:2008 requirements may be obtained by consulting the organization.

Original Certification Date : 29/08/2015
Current Certification Date : 29/08/2015
First Surveillance Due on : 28/08/2016
Second Surveillance Due on : 28/08/2017
Certificate Expiration Date : 28/08/2018

Surveillance Audit



Certificate No: AB0915133229



Signature
For BMQR

No 5, 2nd Floor, Sathyamoorthy Road, Thiruvalluvar Nagar, Thiruvangalur,
Anna Nagar West, Chennai - 600 040, Tamil Nadu, India.
email: iso@bmqr.com, Web : www.bmqr.com

This certificate will remain current subject to the company maintaining its system to the required standards. This will be monitored regularly by BMQR Certification Pvt. Ltd.
This Certificate details and effectiveness are listed at www.bmqr.com. Feedback does not affect the validity of products certified by BMQR.

Sakura Science Exchange Training Program

February 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1 Arrival	2 Orientation	3 Setup Hybrid Conference	4 Culture study	5
6 VR & live demo	7 ID Neurology	8 Training report conference	9 Departure			

Day - 1

(Arrival)

- **Mr Shunta Tomimatsu & Ms Miho** Welcomed all of us in Airport
- **Ms Miho Hayata** explained about the Subway Station & Hotel Accommodation



Day - 2

(Orientation)

- **Ms Kuriko Kudo & Mr Shunta Tomimatsu** explained about the Sakura Exchange Training Program
- **Ms Miho Hayata** explained about the Prayroom & Restaurant
- **Ms Yukiko Houkabe** explained about the technical setup & wifi passwords



Day - 3

(Setup Hybrid Conference)



Ms Yoshiko Houkabe
Teach us how to Setup Hybrid Conference
using portable audio mixer, sound card &
video capture device and Sony USB PTZ Camera



Day – 4 & 5

(Cultural trip to Hiroshima with Mr Shunta & Ms Miho)

Visited various places in Hiroshima including Hiroshima University, Lecture by Prof Yuko Shimpuku midwifery researcher in the field of maternal & child health in Tanzania, Museum, Itsukushima Shrine, Miyazimaguchi, The atomic bomb dome, Peace Memorial Park, Hiroshima Castle



Day – 6

(VR & Live Demo)



Ms Yukiko Houkabe

Explained about VR Endoscopy system using Oculus & Theata V in TEMDEC Conference Room



Ms Yukiko Houkabe

Demonstrated about VR Endoscopy System using Oculus & Theata V in TEMDEC Room



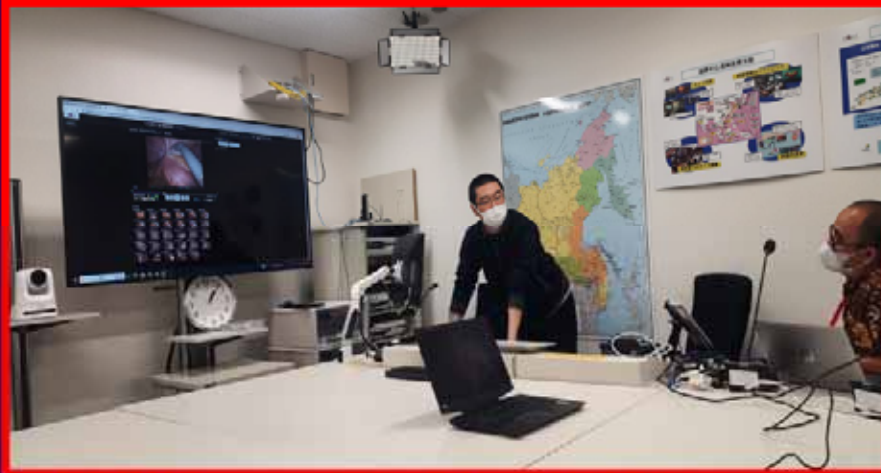
TEMDEC Team done the Setting up of VR Endoscopy System for Demonstration in Endoscopy OT Room



Live VR Endoscopy Demonstration

Day – 7

(ID Neurology)



Mr Shintaro explained about JoinView Demo



Nopa & Hafiz helping Preparation for ID Neurology



Live Demo of JoinView



During ID Neurology Session

Future

- **To Collaborate more centers with TEMDEC**
- **To Learn New Future Technology in Telemedicine**
- **To Start Tele-Robotic Surgery with TEMDEC**

Conclusion

- **All Members are well coordinated in team work**
- **Helping each other in various tasks**
- **Team Work help us successful setting in Teleconference System**
- **Telemedicine is an important Bridge Connecting to Patients, Students, Doctors and Institutions around the World**



Thank You

