



**XXVIIIth Conference of
Orthotics & Prosthetics Association of India
(OPAI MIDCON 2025)**

**1st & 2nd February 2025
AMTZ, Visakhapatnam**

PROGRAM SCHEDULE



Diamond

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Gold



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TM



सिद्धिर्भवति कर्मजा

Title Partner



ICRC

Silver



LIFE WITHOUT LIMITATIONS



LIVES
HEALTH CARE

Bronze



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BIOMEDICAL



**XXVIIIth Conference of
Orthotics & Prosthetics Association of India
(OPAI MIDCON 2025)
1st & 2nd February 2025
AMTZ, Visakhapatnam.**



PROGRAM SCHEDULE

1.2.2025

08.00 - 9.00	:	Registration
9.00 - 9.30	:	Breakfast/Tea
09.30 - 11.00	:	Scientific Session
11.00 - 12.00	:	Inauguration
12.00 - 01.30	:	Key Speaker Session
01.30 - 02.30	:	Lunch
02.30 - 03.15	:	Key Speaker Session
03.15 - 04.15	:	Scientific Session
04.15- 04.30	:	Tea break
04.30 - 06.30	:	GB Meeting
06.30 - 08.30	:	Cultural Program
08.30	:	Onwards Dinner

2.2.2025

8.00-9.30	:	Breakfast/Tea
9.30 - 10.30	:	Open House discussion with OPAI Student Members and Professionals
10.30 - 12.00	:	Scientific Session
12.00 - 01.30	:	Key Speaker Session
01.30 - 02.30	:	Lunch
02.30 - 4.00	:	Scientific Session
04.00 PM onwards	:	Valedictory

DAY - 1					
Saturday, 1 st Feb, 2025			08.00-09.00 hrs.		
Registration					
Ajit Pratap Singh, Rajendra Kumar, Susanta Kumar Mohanty, Urmila Naukudkar					
Saturday, 1 st Feb, 2025			09.00-09.30 hrs.		
Tea / Breakfast			(India Expo City)		
DAY-1 Saturday, 1 st Feb, 2025			09.30-11.00 hrs.		
Scientific Session					
Scientific Session: I		OMEGA HALL		Session Coordinator: RAJESH KUMAR MOHANTY	
Volunteer- 1. Manoj Kumar Samal			Volunteer-2. Nidhi Kumari		
Chairperson1 :- PRITPAL SINGH SIDHU			Chairperson 2 :- ARUN SOLAT		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
09.30-09.40	OPAI MCON 25-068	REWALK: A PERSONALIZED GAIT SOLUTION	SHASHANK SRIVASTAVA & DR. G. PANDIAN	SHASHANK SRIVASTAVA	PDDUNIPPD
09.40-09.50	OPAI MCON 25-059	HIGH END UPPER LIMB MECHANICAL PROSTHESIS WITH EFFICIENT FUNCTIONAL CAPABILITIES	SRIKANT MOHARANA, SUSHREE SANGITA NAYAK & PRATAP KUMAR PARIDA	SUSHREE SANGITA NAYAK & PRATAP KUMAR PARIDA	SVNIRTAR
09.50-10.00	OPAI MCON 25-061	PASSIVE FUNCTIONAL PROSTHESIS WITH DUAL AXIS HINGE SHOULDER JOINT INTEGRATED WITH SERVO MOTOR FOR THE PEOPLE WITH SHOULDER DISARTICULATION: A CASE STUDY	ANKIT KUMAR RAY & YASHIKA KUMAR	ANKIT KUMAR RAY	ISIC-IRS
10.00-10.10	OPAI MCON 25-044	PROSTHETIC MANAGEMENT OF LEFT TRANS-TIBIAL, RIGHT TRANS-FEMORAL AND RIGHT TRANS-RADIAL AMPUTEE: A CASE STUDY	Dr. RANJEET KUMAR, SANT PRAKASH GAUTAM & KUMAR PAL SINGH	JYOTI YADAV & JAGDAMBA KUMAR SHUKLA	DSMNRU LUCKNOW
10.10-10.20	OPAI MCON 25-026	ELECTROMAGNETIC SUSPENSION FOR TRANSTIBIAL PROSTHESIS	TANMAYA KUMAR PANY	SUNNY RADHEY	NILD
10.20-10.30	OPAI MCON 25-008	EFFECT OF EXTENSION ORTHO-PROSTHESIS ON GAIT BIOMECHANICS AND QUALITY OF LIFE IN MODERATE LLD: CASE STUDY	PRANAYA MORE & DR. SWAGATIKA MISHRA	PRANAYA MORE & MAYURESH SHINDE	MGMHS
10.30-10.40	OPAI MCON 25-095	VIBROTACTILE FEEDBACK SYSTEM TO IMPROVE BALANCE AND REDUCE PHANTOM LIMB PAIN IN AMPUTEES	MR BISWOTOSH MISHRA, MR ASHUTOSH PRADHAN & DR. RAJESH KUMAR MOHANTY	MR. BISWOTOSH MISHRA & MR ASHUTOSH PRADHAN	SVNIRTAR
10.40-10.50	DISCUSSION TIME				

DAY-1					
Saturday, 01 st Feb, 2025			09.30-11.00 hrs.		
Scientific Session II		TESLA HALL		Session Coordinator: ARCHANA SAHANI	
Volunteer- 1. Deepansu Priyadarshi			2. Pratikshya Panda		
Chairperson 1 :- KARAN BIR SINGH			Chairperson 2 :- HIMANSHU PATNAIK		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
09.30-09.40	OPAI MCON 25 - 004	EFFECT OF TOTAL CONTACT SOCKET ON MANAGING CHRONIC RESIDUAL LIMB SKIN COMPLICATION OF A TRANSTIBIAL AMPUTEE	SANJAYA ROUT	SANJAYA ROUT	AIMS BBSR
09.40-09.50	OPAI MCON 25 - 009	TORSIONAL TRIUMPH: A NEW PARADIGM IN PROSTHETIC GAIT	ROHAN DEKATE & DR. SWAGATIKA MISHRA	ROHAN DEKATE & DIVYANSHU GHUNDIYAL	MGMHS
09.50-10.00	OPAI MCON 25 - 029	IMPACT OF PROSTHETICS ON QUALITY OF LIFE ON A PATIENT WITH BILATERAL LOWER LIMB AMPUTATION, CASE STUDY	MILAN SAMANTA & POLY GHOSH	RUPAM KUMARI & RIMJHIM KUMARI	NILD
10.00-10.10	OPAI MCON 25 - 047	CHALLENGES IN PROSTHETIC REHABILITATION FOR PARTIAL FOOT AMPUTEE : A CASE STUDY	SANT PRAKASH GAUTAM & MS. ANUPRIYA TRIPATHI	ESHA SHARAD MALIK	DSMNRU LUCKNOW
10.10-10.20	OPAI MCON 25 - 083	PREDICTING SUCCESSFUL PROSTHETIC REHABILITATION IN ELDERLY LOWER LIMB AMPUTEE PATIENT - A PILOT STUDY	MRS. PRIYADARSINI MONALISHA DASH	MRS. PRIYADARSINI MONALISSHA DASH	SVNIRTAR
10.20-10.30	OPAI MCON 25 - 089	ASCOPING REVIEW : APPLICATIONS OF BIOMECHANICS IN REHABILITATION ENGINEERING	INDRA VIJAY SINGH	INDRA VIJAY SINGH	PDDUNIPPD
10.30-10.40	OPAI MCON 25 - 035	EFFECTIVENESS OF ORTHOTICS AND BRACES IN MANAGING FOOT AND ANKLE PATHOLOGIES: A SYSTEMATIC REVIEW	PANKAJ KUMAR SINHA & LAV KUMAR	PANKAJ KUMAR SINHA & LAV KUMAR	SAI PROSTHETIC
10.40-10.50	DISCUSSION TIME				

DAY - 1					
Saturday, 1 st Feb, 2025		CELSIUS HALL		09.30-11.00 hrs.	
Scientific Session III			Session Coordinator: UTTARA DESHMUKH		
Volunteer- 1 Rohan Dekate			2. Bhavya Pal		
Chairperson 1 : G. PANDIAN			Chairperson 2: V K Nautiyal		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
09.30-09.40	OPAI MCON 25-092	EFFICACY OF A CUSTOM MADE EXTENSION PROSTHESIS ON BALANCE AND GAIT IN PROXIMAL FEMORAL FOCAL DEFICIENCY	DR. RAJESH KUMAR MOHANTY	SOUBHAGYA SAMANTARAY	SVNIRTAR
09.40-09.50	OPAI MCON 25-085	PROSTHETIC FOOT FOR SYME'S AMPUTATION- SPRINGO FEET.	DR. UTTARA DESHMUKH	YASMIN HABIB SHAIKH	MGMHIS
09.50-10.00	OPAI MCON 25-025	A CASE STUDY FEATURING EXTREMELY SHORT TRANSTIBIAL STUMP MANAGED THROUGH ENDOSKELETAL TRANSFEMORAL PROSTHESIS.	DR. SANKET KUMAR ROUT & DR. SONALI MISHRA	ABINASH MAHANTA	CIRS
10.00-10.10	OPAI MCON 25-028	EFFECTIVENESS OF A MODIFIED EXTENSION PROSTHESIS FOR A SUBJECT WITH TIBIAL ABSENCE & FIBULAR BOWING ON GAIT PARAMETERS & BALANCE	POLY GHOSH	KIRTI KUMARI & MEHENAJ PARVIN	NILD
10.10-10.20	OPAI MCON 25 - 007	MAJOR ROLE OF ORTHOSIS IN CHARCOT FOOT BASED ON CLINICAL STUDIES.	NEHA SANJEEV MATHAPATI	NEHA SANJEEV MATHAPATI	PRO ORTHO PERFECT INDIA PVT. LTD, PUNE
10.20-10.30	OPAI MCON 25 - 013	ROLE OF CUSTOMIZED AND SILICONE INSOLES ON MID - AND HINDFOOT TO CONTROL IN THE PES PLANOVALGUS	DR. AMIT KUMAR VIMAL & SHIVANI SHARMA	DR. AMIT KUMAR VIMAL	PDDUNIPPD
10.30-10.40	OPAI MCON 25-041	A REVIEW OF CURRENT SENARIO OF BIONIC AND MYOELECTRIC HAND IN INDIA	Dr. NEERAJ SAXENA & DR. KULDEEP KAR	Dr. NEERAJ SAXENA & DR. KULDEEP KAR	P&O INTERNATIONAL
10.40-10.50	DISCUSSION TIME				

INAUGURATION CEREMONY

Saturday, 1st Feb, 2025

OMEGA HALL

11.00-12.00 hrs.

Coordinated by:

Rajesh Kumar Mohanty, Sushree Sangita Nayak, Arpita Nayak, Swapna Sahoo, P. Monalisha Dash ,
Barsha Priyadarshini, Soubhagya Samantaray, Anupam Dusadh, Rosaline Behera, Shakti Swarupa Bhanja
Esha Sharad Malik & Poonam Sharma

DAY- Saturday, 01stFeb, 2025

OMEGA HALL

12.00-13.30 hrs.

Key Speaker Session-Session-IV

Session Coordinator: RAJESH KUMAR MOHANTY

Volunteer- 1 Priyambda Priyadarshin

2. Tushar

Chairperson 1 : VIJAY KUMAR NAIK

Chairperson 2: TARUN KULSHRESTHA

Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
12.00-12.15		TRANSFORMING HEALTHCARE: THE ROLE OF PROSTHETICS AND ORTHOTICS IN INDIA'S MEDICAL LANDSCAPE	DR. JITENDRA SHARMA	DR. JITENDRA SHARMA	AMTZ
12.15-12.30		PREREQUISITE OF P&O PROFESSIONALS IN PRIMARY TO TERTIARY HEALTHCARE SYSTEMS IN INDIA : PRESENT AND FUTURE PERSPECTIVES	DR. RUPALI ROY	DR. RUPALI ROY	MOH&FW
12.30- 12.45		IMPORTANCE OF UDID CARD IN SERVICE DELIVERY OF PROSTHESIS, ORTHOSIS AND ASSISTIVE DEVICES.			
12.45-13.00		EMPOWERING MOBILITY : INSTALIMB'S JOURNEY OF INNOVATION AND GROWTH IN THE O&P INDUSTRY		UTKRISHT AHUJA	INSTALIMB
13.00-13.15		INSTALIMB-ONE AND 3D PRINTER 3.0: SIMPLIFYING PROSTHETICS THROUGH DIGITAL INNOVATION AND SPEED		LAKSHAY OBERAI, SOICHIRO FUJITA, AKSHAY JAIN & NEHA SHARMA	INSTALIMB
13.15-1.30		ICRC'S PHYSICAL REHABILITATION PROGRAMME IN INDIA AND GLOBAL	MS. CHARU SHARMA	MS. CHARU SHARMA	ICRC, NEW DELHI

DAY - 1		
Saturday, 1st Feb, 2025		13.30-14.30 hrs.
Lunch	India Expo City	(13.30 - 14.30 hrs)

DAY - 1					
Saturday, 1st Feb, 2025		OMEGA HALL		14.30-15.15 hrs.	
Scientific Session V			Session Coordinator : RAJESH KUMAR MOHANTY		
Volunteer - 1 Biswaranjan Prusty			2. Ms. Liwanshi		
Chairperson 1 :- INDRA VIJAY SINGH			Chairperson 2: SWAGATIKA MISHRA		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
14.30- 15.00		TRANSFORMING ORTHOTICS & PROSTHETICS WITH DIGITAL MANUFACTURING AND 3D PRINTING: PRECISION, PERSONALIZATION, AND SUSTAINABILITY	MR. DANIEL THOMSEN	MR. DANIEL THOMSEN	HP Inc
15.00-15.15		GAPS IN PROSTHETICS AND ORTHOTICS SERVICE AT PRIMARY, SECONDARY AND TERTIARY HEALTH CARE	DR. S L YADAV	DR. S L YADAV	AIIMS, NEW DELHI

DAY - 1					
Saturday, 01st Feb, 2025		OMEGA HALL		15.15-16.15 hrs.	
Scientific Session VI			Session Coordinator : RAJESH KUMAR MOHANTY		
Volunteer - 1 : Biswaranjan Prusty			2. Ms. Liwanshi		
Chairperson 1 : Praveen Shukla			Chairperson 2 : Kashinath Sahoo		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
15.15- 15.25	OPAI MCON 25-063	INVESTIGATING THE IMPACT OF BIOFEEDBACK FOOT ORTHOSIS TO INHIBIT FREEZING OF GAIT (FOG) EPISODES ON THE PATIENTS WITH PARKINSON'S DISEASE: A CASE STUDY	GOURI SHARMA & YASHIKA KUMAR	GOURI SHARMA	ISIC-IRS
15.25- 15.35	OPAI MCON 25-014	NEED FOR GENDER-FOCUSED PROSTHETIC RESEARCH: A REVIEW	RISHABH GUPTA	RISHABH GUPTA	AIIPMR
15.35- 15.45	OPAI MCON 25-010	ADVANCEMENT IN SEATING DEVICES & WHEELCHAIRS	DR. BISWAJIT BARIK	DR. BISWAJIT BARIK	VISHWAS REHAB
15.45- 15.55	OPAI MCON 25-002	RE-EVOLUTION OF SOCKET FABRICATION TECHNOLOGY IN PROSTHETICS, 3D PRINTING MJF TECHNOLOGY	NEHA & ROHIT GUPTA	NEHA	ADDIWISE
15.55- 16.05	OPAI MCON 25-093	DESIGN AND ANALYSIS OF PNEUMATIC ASSIST DYNAMIC ANKLE FOOT ORTHOSIS FOR FOOTDROPP IN POST STROKE HEMIPLEGIA	PRIYADARSINI SAHOO & DR. RAJESH KUMAR MOHANTY	PRIYADARSINI SAHOO	SVNIRTAR
16.05-16.15	DISCUSSION TIME				

DAY- 1					
Saturday, 1 st Feb, 2025		TESLA HALL		15.15 - 16.15 hrs.	
Scientific Session VII			Session Coordinator : ARCHANA SAHANI		
Volunteer - 1 : Debashis Behera			2. Arthi		
Chairperson 1 :- SUNIL RANJAN SENAPATI			Chairperson 2 : AMIYA KUMAR PATI		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
15.15- 15.25	OPAI MCON 25 - 016	EMPOWERING LIVES OF PWD's WITH LOCOMOTOR DISABILITIES BY PROSTHETICS AND ORTHOTICS REHABILITATION	URMILA NAUKUDKAR & LUKESH KUMAR R. BHUYAR	URMILA NAUKUDKAR & LUKESH KUMAR R. BHUYAR	AIPMR
15.25- 15.35	OPAI MCON 25 - 003	IMPORTANCE IN ADAPTATION OF DIGITAL TRANSFORMATION OF TECHNOLOGY IN PROSTHETICS AND ORTHOTICS BY TRAINING INSTITUTES IN INDIA	DR. G. PANDIAN	DR. G. PANDIAN	PDDUNIPPD
15.35- 15.45	OPAI MCON 25 - 053	TO DESIGN AND FABRICATE A VISUALLY APPEALING PROSTHETIC COVER USING LOCALLY AVAILABLE MATERIALS, ENSURING AFFORDABILITY AND ACCESSIBILITY FOR WIDER ADOPTION	KUMAR PAL SINGH, DR. RANJEET KUMAR & SANT PRAKASH GAUTAM	SHIVAM PANDEY & PARTH SINGH	DSMNRU LUCKNOW
15.45- 15.55	OPAI MCON 25 - 023	ERGONOMIC ASSESSMENT, RELATED CONDITIONS AND NECESSARY MODIFICATIONS OF WORKPLACE OF PROSTHETIC AND ORTHOTIC PROFESSIONALS	RITIKESH PATTANAİK & GHANASHYAM PRADHAN	MOHAMMED SHAHIR & UPENDRA CHANDRA PARAB	KLE ACADEMY
15.55- 16.05	OPAI MCON 25 - 039	EFFECTIVENESS OF LOW COST LIGHT WEIGHT ADAPTIVE (SELF HELP) DEVICE FOR SCI	SAI PRABHA MISHRA & PRAKASH SAHOO	GOKUL MA & NUR ISLAM	NILD
16.05-16.15	DISCUSSION TIME				

DAY-1					
Saturday, 01 st Feb, 2025		CELSIUS HALL		15.15-16.15 hrs.	
Scientific Session VIII			Session Coordinator : UTTARA DESHMUKH		
Volunteer- 1 : Mayuresh Shinde			2. Devyani Rajesh Thale		
Chairperson 1 : PRAVEEN VERMA			Chairperson 2 : DANTALA PURUSHOTTAM		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
15.15- 15.25	OPAI MCON 25 -057	TELEHEAL IN PROSTHETIC CARE: REMOTE MONITORING & PATIENT SUPPORT	DR. SAITH JIWAKHAN & PRATIK KUMAR JAIN	SHRUTI WADHWA & PRATIK KUMAR JAIN	AETHER BIOMEDICALS
15.25- 15.35	OPAI MCON 25 - 091	GAZE-CONTROLLED WHEELCHAIRS: LEVERAGING EYE MOVEMENTS FOR AUTONOMOUS NAVIGATION	PANKIT CHANDEL, PREETI & DR. G. PANDIAN	PANKIT CHANDEL & PREETI	PDDUNIPPD
15.35- 15.45	OPAI MCON 25 - 049	INNOVATIVE REPLACEMENT OF CARBON FIBRE/PLASTICS MATERIAL TO KENAF FIBER FOR FABRICATION OF ORTHOTIC DEVICE	RAJ KAMAL, KUMAR PAL SINGH & DR. RANJEET KUMAR	DIVYAM SINGH	DSMNRU LUCKNOW
15.45- 15.55	OPAI MCON 25 - 005	DEVELOPMENT OF NATURAL FIBER REINFORCED POLYMER MATRIX COMPOSITES : FOR DYNAMIC FOOT	SUSHREE SANGITA NAYAK	SUSHREE SANGITA NAYAK	SVNIRTAR
15.55- 16.05	OPAI MCON 25 - 056	A REVIEW OF MICROPROCESSOR PROSTHETIC KNEE (MPK) ON MOBILITY & QUALITY OF LIFE IN PATIENT WITH LOWER LIMB AMPUTATION	DR. RAJENDRA KUMAR	Dr. RAJENDRA KUMAR	ENDOLITE
16.05-16.15	DISCUSSION TIME				

DAY-1		
Tea	India Expo City	16.15-16.30hrs.
Saturday, 1 st Feb, 2025	OMEGA HALL	16.30-18.30hrs.
GENERAL BODY MEETING 16.30-18.30hrs.		
Mr. Ajit Pratap Singh - National Secretary, Supported by : Ms. Urmila Naukudkar, Mr. Jai Veer Singh, Mr. Sanket Kumar Rout		

CULTURAL PROGRAM (18.30-20.30hrs)		
DAY-1		
Saturday, 1 st Feb, 2025	OMEGA HALL	18.30-20.30hrs.
Coordinator - Mrs. Sushree Sangita Nayak		
Stage Volunteers- Riya Roy, Akshya Krishna, Pushpanjali Swain, Jyoti Prakash Tripathy, Divyam Singh		
DINNER	India Expo City	20.30-10.30hrs.

DAY-2 : 02.02.2025

Sunday, 2 nd Feb, 2025		Day-2		08.00-09.30 hrs.	
Tea / Breakfast				India Expo City	
Sunday, 2 nd Feb, 2025		OMEGA HALL		09.30-10.30 hrs. Day-2	
OPEN HOUSE DISCUSSION WITH OPAI STUDENT MEMBERS & LIFE MEMBERS OF OPAI					
Session - IX					
Moderator : RAJESH KUMAR MOHANTY					
Rapporteur: Kanhu Charan Lenka					
Volunteer -1: Shrijesh Das		2: Dhayanika Singh			
Panelist					
M C Dash, Ajit Pratap Singh, Aratatan Patra, K Anand Bhatt , J. Prakash, Gautam Jain, Rajendra Kumar, Rajesh Das					
OMEGA HALL					
Scientific Session X		Session Coordinator: Rajesh Kumar Mohanty		10.30-12.00 hrs.	
Volunteer-1: Jagadhamba Kumar Shukla		2: Madhusmita Lakra			
Chairperson 1:- Arun Sarkar			Chairperson 2: Nityananda Samal		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
10.30-10.40	OPAI MCON 25-015	FUNCTIONAL EVALUATION OF A 3D-PRINTED BODY-POWERED PROSTHESIS FOR PARTIAL HAND AMPUTATION: A CASE STUDY	SWAPNA SAHOO	SWAPNA SAHOO	SVNIRTAR
10.40-10.50	OPAI MCON 25-020	THRESHOLD RECOGNITION : DIGITAL EMG SENSOR TECHNOLOGY FOR PERSONALIZED UPPER-LIMB PROSTHETICS	PRAVEEN DUBEY	PRAVEEN DUBEY	VULCAN AUGMETICS
10.50-11.00	OPAI MCON 25-036	A CASE STUDY ON EFFECTIVENESS OF FUNCTIONAL ABOVE ELBOW BIONIC MYOELECTRIC CONTROLLED ARM IN CASE OF BILATERAL ABOVE ELBOW AMELIA OR OTHER CONGENITAL DEFICIT OF UPPER LIMBS CHILDREN.	SHAMBHU KUMAR YADAV	SHAMBHU KUMAR YADAV	BORN LIFE
11.00-11.10	OPAI MCON 25-076	IBT'S INNOVATIONS IN MYOELECTRONICS FOR UPPER LIMB PROSTHESES	DAMINI AGARWAL, MEGAN HODGSON & RAHUL KALIKI	DAMINI AGARWAL	INFINITE BIOMEDICAL TECHNOLOGIES
11.10-11.20	OPAI MCON 25-064	ENHANCING AESTHETICS AND FUNCTIONALITY: A STUDY OF COSMETIC GLOVES FOR PROSTHESES	ADITI SHRIYA & SHIVANGI MEHRA	ADITI SHRIYA	ISIC-IRS
11.40-11.50	OPAI MCON 25-055	PROSTHETIC DESIGN OPTIMISATION & ANALYSIS FOR STRUCTURAL STANDARD & COMPLIANCE	Dr. RAJESH KU. MOHANTY	Dr. RAJESH KU. MOHANTY	SVNIRTAR
11.30-11.40	OPAI MCON 25-006	EFFECTIVENESS OF STATIC PROGRESSIVE ELBOW WRIST HAND ORTHOSIS (EWHO) IN REDUCING ELBOW CONTRACTURE AND IMPROVING PRONATION/SUPINATION RANGE OF MOTION: A CASE STUDY	SURAJIT KUMAR SAHU	SURAJIT KUMAR SAHU	AIIMS PATNA
11.40-11.50	OPAI MCON 25-099	ELEVATING PROSTHETIC SOCKET PERFORMANCE: EVOLUTION & EFFECTIVENESS OF ELEVATED SUCTION TECHNOLOGY	MR. RAVI KUMAR	MR. RAVI KUMAR	
11.50-12.00		DISCUSSION TIME			

DAY- 2					
Sunday, 2ndFeb, 2025		TESLA HALL		10.30-12.00 hrs.	
Scientific Session XI		Session Coordinator: ARCHANA SAHANI		10.30-12.00hrs.	
Volunteer-1: Divyanshu Ghudial			2: Sonu L		
Chairperson 1:- VIMAL KUMAR OBEROI			Chairperson 2:GULJEET SINGH SURI		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
10.30-10.40	OPAI MCON 25-080	PLANTAR PRESSURE DISTRIBUTION IN PROSTHETIC RESTORATION OF UNILATERAL PARTIAL FOOT AMPUTEES	SWAPNA SAHOO	SHAKTI SWARUPA BHANJA & SATARUPA NANDA	SVNIRTAR
10.40-10.50	OPAI MCON 25-030	EFFECT OF MODIFIED TRANS -TIBIAL PROSTHESIS WITH SPLIT SOCKET, EXTENSION ASSIST WITH SINGLE AXIS KNEE JOINT ON GRF ANALYSIS AND GAIT PARAMETERS	HASAN ARIF RAIHAN & POLY GHOSH	PRALAY DAS & PRITI SARKAR	NILD
10.50-11.00	OPAI MCON 25-051	BRIDGING THE GAP: NORMATIVE DATA AND RELIABLE METHODS FOR ARCH HEIGHT INDEX MEASUREMENT	Ms. ANUPRIYA TRIPATHI, GARGI KHARE & DR. RANJEET KUMAR	RUSHUKESH RAIGUDE	DSMNRU
11.00-11.10	OPAI MCON 25-067	ASSESSING FUNCTIONAL EFFICACY: A COMPARISON OF CONVENTIONAL AND MODERN ORTHOPROSTHESIS FOR CONGENITAL ANOMALIES- A SINGLE CASE STUDY	KARTHICK RAJAN R	KARTHICK RAJAN R	NIPMR THRISSUR
11.10-11.20	OPAI MCON 25-077	EFFICACY OF CUSTOM -MADE INSOLES VERSUS THERAPEUTIC EXERCISES IN FLEXIBLE FLAT FEET: A COMPARATIVE STUDY	JOHN WESLEY D	JOHN WESLEY D	MOBILTIY INDIA
11.20-11.30	OPAI MCON 25-086	PROTECTING PATIENTS, PRESERVING INTEGRITY": STRATEGIES TO COMBAT FAKE PRACTITIONERS IN PROSTHETICS AND ORTHOTICS	DR. RAJENDRA KASHELKAR	DR. RAJENDRA KASHELKAR	
11.30-11.40	OPAI MCON 25-066	OFFLOADING KNEE BRACE FOR WIND SWEPT DEFORMITY	NANDITA TRIPATHY	SUSREE SUSMITA DALEI & SUBHASHREE MALIK	SVNIRTAR
11.40-11.50	OPAI MCON 25-031	MODIFIED UNLOADING VARUS CONTROLLING KNEE BRACE FOR OSTEOARTHRITIS - A CASE STUDY	DHRUTI SUNDAR DAS	NAJMUL FAKIR, MUSKAN AHIRWAR & SURYA NARAYAN SATPATHY	NILD
11.50- 12.00	DISCUSSION TIME				

DAY - 2					
Sunday, 2nd Feb, 2025		CELSIUS HALL		10.30-12.00 hrs.	
Scientific Session XII			Session Coordinator: DR. UTTARA DESHMUKH		
Volunteer-1: Prayana More			2: Jessica		
Chairperson 1:- RAKESH BABU SHARMA			Chairperson 2:SANKET KUMAR ROUT		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
10.30-10.40	OPAI MCON 25-050	APPLICATIONS OF SHAPE MEMORY ALLOY IN ORTHOTIC DESIGN	KUMARPAL SINGH, SANT PRAKASH GAUTAM & RAJ KAMAL	PARTH SINGH & SHIVAM PANDEY	DSMNRU LUCKNOW
10.40-10.50	OPAI MCON 25-037	EFFECT OF TLSO & CERVICAL ORTHOSIS ON POSTURAL SWAY AND QUALITY OF LIFE IN SUBJECTS WITH PAEDIATRIC CONGENITAL SCOLIOSIS	HASAN ARIF RAIHAN	PRITI SARKAR	NILD
10.50-11.00	OPAI MCON 25-090	EFFECTIVENESS OF CHENEAU BRACES IN THE CONSERVATIVE TREATMENT OF SCOLIOSIS	DR. G. PANDIAN, MS. MEENAKSHI RENU & MS. MEENAKSHI	MS. RENU & MS. MEENAKSHI	PDDUNIPPD
11.00-11.10	OPAI MCON 25-065	OPTIMIZING SWASH ABDUCTION BRACE WITH COST EFFECTIVE DESIGN AND MANUFACTURING STATERGIES	DR. G. PANDIAN, LIWANSHI & TUSHAR	LIWANSHI & TUSHAR	PDDUNIPPD
11.10-11.20	OPAI MCON 25-087	ORTHOTIC MANAGEMENT OF PSEUDOARTHROSIS OF THE TIBIA: A CASE STUDY	VAISHALI KRISHNA PAI	VAISHALI KRISHNA PAI	AIPMR
11.20-11.30	OPAI MCON 25-097	PLANTAR PRESSURE ANALYSIS IN KNEE OSTEOARTHRITIS WITH HINGED KNEE ORTHOSIS	DR. RAJESH KUMAR MOHANTY	MISS. NIDHI KUMARI & MISS. KRISHNA ANJALI	SVNIRTAR
11.30-11.40	OPAI MCON 25-060	PROSTHETIC TREATMENT FOR BILATERAL TRANSFEMORAL AMPUTEES: IMPACT ON POSTURAL SWAY & QUALITY OF LIFE	HASAN ARIF RAIHAN	SABON TALUKDER	NILD
11.40-11.50	OPAI MCON 25-018	THE EFFECT OF ULNAR DEVIATION ORTHOSIS IN ZIGZAG DEFORMITY OF RHEUMATOID HAND	SATYAVAN MISHRA & DR. SUDHIR MISHRA	SATYAVAN MISHRA	HIMS U.P.
11.50- 12.00	DISCUSSION TIME				

DAY-2					
Sunday, 02ndFeb, 2025		OMEGA HALL		12.00-13.30 hrs.	
Key Speaker Session (Session-XIII)			Session Coordinator: DR. RAJESH KUMAR MOHANTY		
Volunteer-1: Anwesh Mohanty			2: Sahil Krishna Saxena		
Chairperson 1 : MAKARAND NAGESH SARAF			Chairperson 2 : JOHN COLEVELL		
12.00-12.15		REVOLUTIONIZING PROSTHETIC, ORTHOTIC & ASSISTIVE TECHNOLOGY SERVICE DELIVERY IN INDIA	MR. AJAY CHOUDHUARY & DR. RAJESH DAS	MR. AJAY CHOUDHUARY & DR. RAJESH DAS	ALIMCO
12.15-12.30		ROLE OF PROSTHETICS AND ORTHOTICS EDUCATION IN ENHANCING THE HEALTH AND WELL-BEING OF PERSONS WITH DISABILITIES	DR. GOWRI NAMBIAR SENGUPTA	DR. GOWRI NAMBIAR SENGUPTA	CHEB, DGHS, New Delhi
12.30-12.45		QUALITY ASSURANCE AND DATA DRIVEN INSIGHTS ENSURING EXCELLENCE IN ORTHOTICS AND PROSTHETICS OUT COMES.	DR. MANISHA PANDA	DR. MANISHA PANDA	ICMR
12.45-13.00		BEYOND EXPECTATIONS: INSTALIMB'S COMPREHENSIVE UPPER LIMB PROSTHETICS AND SOCKET ADVANCEMENTS	WASEEN SHAH & RUKHSANA	WASEEN SHAH & RUKHSANA	INSTA LIMBS
12.45-01.00		CUTTING EDGE TECHNOLOGY IN UPPER LIMB PROSTHETICS: THE WORLD'S STRONGEST BIONIC HAND	PRATIK JAIN & DR. SAITH JIWAKHAN	PRATIK JAIN	AETHER BIOMEDICALS
01.00-01.15		FUTURE TRENDS AND RESEARCH IN ASSISTIVE TECHNOLOGY AT AMTZ	AMIT KUMAR SHARMA	AMIT KUMAR SHARMA	ALC, AMTZ
01.15-1.30		PROSTHETICS AND ORTHOTICS PROFESSIONALS: THE CORNERSTONE OF COMPREHENSIVE REHABILITATION	ARATATRAN PATRA	ARATATRAN PATRA	OPAI

DAY-2		
Sunday, 2ndFeb, 2025		13.30-14.30 hrs.
Lunch	India Expo City	(13.30-14.30 hrs)

DAY-2					
Sunday, 02ndFeb, 2025		OMEGA HALL		14.30-16.00 hrs.	
Scientific Session XIV			Session Coordinator: DR. RAJESH KUMAR MOHANTY		
Volunteer-1: Ankita Mohapatra			2: Sindhuja		
Chairperson 1:- MOMOCHA KSHETRIMAYUM			Chairperson 2: RAJENDRA MORESHWAR KASHELKAR		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
02.30-02.40	OPAI MCON 25-024	ADVANCED UPPER-LIMB PROSTHETICS SOLUTIONS: REVOLUTIONIZING ACCESSIBILITY AND PATIENT CARE	PRAVEEN DUBEY	PRAVEEN DUBEY	VULCAN AUGMETICS
02.40-02.50	OPAI MCON 25-078	EFFICACY OF CUSTOMIZED INSOLES IN REDUCTION OF PLANTAR PRESSURE IN INDIVIDUALS WITH DIABETIC FOOT SYNDROME	KARAN BIR SINGH & INDRA VIJAY SINGH	KARAN BIR SINGH	PDDUNIPDD
02.50-03.00	OPAI MCON 25-081	MODIFIED ASH BRACING FOR KYPHO SCOLIOTIC CURVATURE	SRIKANTA MOHARANA & SUSHREE SANGEETA NAYAK	SATARUPA NANDA & SHAKTI SWARUPA BHANJA	SVNIRTAR
03.00-03.10	OPAI MCON 25-070	PODOBAROMETRIC ANALYSIS OF OPTIMATIBLE ENERGY HARMONIZING ORTHOTIC ANKLE JOINT FOR POST STROKE FOOT DROP DISORDERS	SUPRITI MAHAKUD & DR. RAJESH KUMAR MOHANTY	ANWESHA MONDAL & ANKITA MOHAPATRA	SVNIRTAR
03.10-03.20	OPAI MCON 25-075	DEVELOPMENT AND EVALUATION OF A 3D-PRINTED TENODESIS ASSISTIVE DEVICE TO ENHANCE GROSS MANUAL DEXTERITY AND PREHENSILE ABILITY IN PATIENTS WITH SPINAL CORD INJURY- A CASE SERIES	ESTHER PHILLIPS & OM PRASAD BISWAL	ESTHER PHILLIPS	CMC VELLORE
03.20-03.30	OPAI MCON 25-052	CUSTOMIZABLE PROGRESSIVE WRIST-HAND ORTHOSIS WITH A 3D-PRINTED RATCHET WRIST JOINT FOR STROKE RECOVERY	SAHIL KRISHNA SAXENA, SUBHASHMITA SAHOO & GARGI KHARE	SAHIL KRISHNA SAXENA	DSMNRU
03.30-03.40	OPAI MCON 25-034	EFFECTS OF HIP DISARTICULATION PROSTHESIS ON GAIT PARAMETERS AND BALANCE IN PATIENT WITH HIP DISARTICULATION – A CASE STUDY	TANMAY PANY & POLY GHOSH	TRISHA JAISWAL	NILD
03.40-03.50	OPAI MCON 25-071	MODIFIED TIBIAL FRACTURE BRACE IN CHRONIC NON-UNION TIBIAL FRACTURE: A CASE STUDY	CHARVI SHARMA & SMITA NAYAK	CHARVI SHARMA	PDDUNIPDD
03.50-04.00	DISCUSSION TIME				

DAY- 2					
Sunday, 2 nd Feb, 2025			14.30-16.00 hrs.		
Scientific Session XV		Session Coordinator: ARCHANA SAHANI			
TESLA HALL					
Volunteer-1: Shivam Pandey			2: Ruchika Upendra		
Chairperson 1:- SANJEEV KASHYAP			Chairperson 2:SRIKANTH K		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
02.30-02.40	OPAI MCON 25-058	A CASE OF BILATERAL TRANSFEMORAL AMPUTEE BEING TREATED WITH STUBBIES PROSTHESIS TO AID FOR DAY TO DAY ACTIVITY	HASAN ARIF RAIHAN	SABON TALUKDER	NILD
02.40-02.50	OPAI MCON 25-046	3-D PRINTER LASER ALIGNMENT TOOL	Dr. RANJEET KUMAR, SANT PRAKASH GAUTAM, GARGI KHARE	PARTH SINGH & SHIVAM PANDEY	DSMNRU
02.50-03.00	OPAI MCON 25 - 082	INNOVATIVE DESIGN OF A POWERED WRIST HAND ORTHOSIS WITH INTEGRATED THERAPEUTIC FUNCTION	BAPINA KUMAR ROUT	SHRIJESH DAS & ARYAN PRAKASH MOHAPATRA	SVNIRTAR
03.00-03.10	OPAI MCON 25 - 038	EFFECT OF MOULDED LSO ON PAIN, POSTURAL SWAY&GAIT PARAMETERS IN SUBJECT WITH NSLBP	HASAN ARIF RAIHAN	PRITI SARKAR	NILD
15.10-15.20	OPAI MCON 25 - 019	SOCIAL MEDIA AS A TOOL FOR MOTIVATION, ADVOCACY AND AWARENESS IN PROSTHETICS AND ORTHOTICS	RITIKESH PATTANAİK	RITIKESH PATTANAİK	KLE ACADEMY
03.20-03.30	OPAI MCON 25 - 098	EFFECT OF UNLOADER KNEE BRACE ON MEASURES OF PLANTAR PRESSURE DISTRIBUTION IN MEDIAL KNEE OSTEOARTHRITIS	DR. RAJESH KUMAR MOHANTY & MISS. ABINAYA K	MISS. PRAGYAN SHATABDEE SANKETA & MISS. SAMIKSHYA JENA	SVNIRTAR
03.30-03.40	OPAI MCON 25 - 072	ADAPTIVE HAND ACCESSIBLE INTEGRATED CONTROLLED APPROACH FOR MOTOR BIKE RIDING IN SUBJECTS WITH LOWER LIMB AMPUTATION	DR. RAJESH KUMAR MOHANTY	DEBASISH BEHERA	SVNIRTAR
03.40-03.50	OPAI MCON 25- 054	CHALLENGES FOR PROSTHETICS AND ORTHOTICS, IN RURAL INDIA.	GARGI KHARE	ATAURRAHMAN	DSMNRU
03.50-04.00	DISCUSSION TIME				

DAY- 2					
Sunday, 2 nd Feb, 2025		CELSIUS HALL		14.30-16.00 hrs.	
Scientific Session XVI			Session Coordinator: UTTARA DESHMUKH		
Volunteer-1: Kartik Aggarwal			2: Iwadhun		
Chairperson 1:- SUSANTA KUMAR MOHANTY			Chairperson 2: K HARIRAM		
Time	Abstract ID	Topic	Author	Presenter	Inst/Org/Co
02.30-02.40	OPAI MCON 25 - 096	PODOBAROMETRIC ANALYSIS OF ULCERATED FOOT IN LEPROSY CURED PATIENT: A CASE STUDY	DR. RAJESH KUMAR MOHANTY & MRS. SARITA SAHOO	SMRUTI SAMIKSHYA PARIDA & JYOTIP RAKASH TRIPATHY	SVNIRTAR
02.40-02.50	OPAI MCON 25 - 079	SMART CANE FOR THE BLIND	MS. SANA ABBASI & DR. G. PANDIAN	MS. SANA ABBASI	PDDUNIPPD
03.20-03.30	OPAI MCON 25 - 045	INDIGENOUS MECHANICAL SHOE DONNING-DOFFING ASSISTIVE DEVICE	MS. ROHINA KUMARI, SANT PRAKSH GAUTAM & ANUPRIYA TRIPATHI	NAVNEET TIWARI & SURYA PRAKASH PANDEY	DSMNRU
03.30-03.40	OPAI MCON 25 - 027	AN INDIGENOUS SENSOR DETECTED PROSTHESIS FOR BLIND AMPUTEE	PRAKASH SAHOO, POLY GHOSH	ANKITA ADAK, LIPSA ROUTH & VARSHAPARIDA	NILD
03.40-03.50	OPAI MCON 25 - 094	STRIDER: A COST EFFECTIVE MODIFIED HANDS FREE WALKING CRUTCH WITH OPTIMIZED TREAD SYSTEM - AN EXPERIMENTAL PROSPECTIVE	MRS. SARITA SAHOO	MS. BARSA PRIYADARSHINI & MR. SAIDEPAK SAHOO	SVNIRTAR
03.50- 04.00	DISCUSSION TIME				

DAY - 2	
<p align="center">Sunday, 02nd Feb, 2025 OMEGA HALL 16.00hrs.-ONWARDS. Coordinator: Uttara Deshmukh and Shivam Kumar & Stage Volunteers- Noel George Thomas, Sahil Krishna Saxena, Prem Datta, Shakti Swurupa Bhanja, Bhavya Pal, Arti, Nidhi Kumari</p>	
Valedictory(16.00hrs. ONWARDS)	

: Registration Volunteers :

Tushar, Riya, Roy, Ankita Mohapatra, Poonam Sharma, Sonu L

: Exhibition Volunteers :

Kartil Aggarwal, Akshya Krishna, Manoj kumar Samal,
Esha Sharad Malik, Pratikshya Panda