

# ICHTR-2021

## SCHEDULE OF PRESENTATIONS

PANEL-1 (Day 1, Nov 11 , 02:45 PM- 04:15 PM)		Health Science
<p><b>Session Chair: Dr Dinesh Upadhya</b>, Associate Professor Department of Anatomy, KMC, Manipal</p>		
<p><b>Moderator: Ms. Shreya Rajagopal</b>, KMC, Mangalore</p>		
<p><b>Link: <a href="#">Microsoft Teams meeting</a></b></p>		
S. No.	Title	Authors
1	RET gene encodes RET protein to trigger intracellular signaling pathways for enteric neurogenesis, and RET mutation results in Hirschprung's disease: a review	<b>Chacchu Bhattarai</b> , Phanindra Prasad Poudel, Arnab Ghosh and Sneha Guruprasad Kalthur
2	Quadriceps muscle recovery pattern in patients undergoing total knee arthroplasty for osteoarthritis of knee: A review	<b>Saidan Shetty</b> , Bincy M. George, Mohandas Rao K G, Arun G. Maiya and Sandeep Vijayan
3	Variation of sternocleidomastoid muscle in the posterior triangle of neck and it's clinical implications- A Case Report	<b>K.S.Vishali</b> , Anjaneyulu Konuri and Abhilasha Priya
4	Expression of ATOH1 gene and activated signaling pathways for the neurogenesis of cerebellar granule cells: A review	<b>Phanindra Prasad Poudel</b> , Chacchu Bhattarai, Arnab Ghosh and Sneha Guruprasad Kalthur

5	Analgesia post knee arthroplasties	<b>Neha Daniel George</b>
6	Lipoprotein(a) levels and co-relations with other clinical parameters in patients with Atherosclerotic cardiovascular disease	<b>Navaneeth</b> and Tom Devasia,

<b>PANEL- 2(Day 1, Nov 11, 02:45 PM- 04:15PM)</b>		<b>Health Science</b>
<b>Session Chair: Dr. Shreya Hegde</b> , Assistant Professor, Department of Conservative Dentistry and Endodontics, MCOODS Mangalore		
<b>Moderator: Ms. Kashmitha Muthamma</b> MIT, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
7	Vital pulp therapy –an alternative treatment modality in mature permanent teeth: a case report	<b>Aakansha Puri</b>
8	A new landmark in the history of dentistry: covid 19	<b>Anjali Ravi</b>
9	A Curious case of a tooth within a tooth: Treated during the Covid Era	<b>Vivian Flourish D’Costa</b>
10	Comparison of Immunohistochemical expression of epithelial mesenchymal transition markers in oral submucous fibrosis and oral squamous cell carcinoma	<b>Smitha S Shetty</b> , Raghu Radhakrishnan and K Satyamoorthy
11	"Knowledge, attitude and awareness of pre-university students towards emergency management of traumatic dental injuries"	<b>Neetha Shenoy</b> , Neeta Shetty and Ramya Shenoy

12	Behaviour and attitude towards oral hygiene during COVID-19 pandemic among medical and dental students	<b>Ravi Gupta</b>
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<b>PANEL-3 (Day 1, Nov 11 , 02:45 PM- 04:15 PM)</b>	<b>Health Science</b>
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**Session Chair: Dr Srinivas Mutalik,**  
Professor and Head, Department of Pharmaceutics

**Moderator: Mr. Krishnamoorthi**  
MIRM, Bangalore

**Link: [Microsoft Teams meeting](#)**

<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
13	In silico virtual screening for identification of small molecules targeting c-myc oncogene as potential anticancer agents	<b>Angel Treasa Alex,</b> Abhishek Jena, Sumit Raosaheb Birangal and Alex Joseph
14	Design, synthesis, induced-fit docking, molecular dynamics, and biological evaluation of some thiazolidine-4-ones as PPAR- $\gamma$ Partial agonist	<b>Subham Das</b> and Alex joseph
15	Synthesis and in vitro anticancer studies of novel thiazole substituted imidazolin-5-ones	<b>Alex Joseph,</b> Vanshika Deo, Subhankar Biswas and K S R Pai
16	Liquid chromatography mass spectrometric method for the simultaneous analysis of branched chain amino acids and their ketoacids in dried blood spot as secondary analytes for the detection of maple syrup urine disease	<b>Arya Raveendran,</b> Sudheer Moorkoth and Leslie Lewis

17	Preparation, characterization, enhancement of solubility and permeability through co-amorphous technology: A case of simvastatin binary co-amorphous system	<b>Athira R Nair</b> and Jagtap Uddhav Anjiram
18	Stress and Stability Studies On Classical Ayurvedic Formulations: Scientific Evidence For The Chemical Stability for Classical Ayurvedic Formulations	<b>Syeda Alisha Md Isha Ali</b> , S.G. Vasantharaju, K.M. Bhat and Murlidhar Ballal

<b>PANEL-4 (Day 1, Nov 11 , 02:45 PM- 04:15 PM)</b>		<b>Health Science</b>
<b>Session Chair: Shashidhar Y. N</b> HOD, Community health nursing, MCON		
<b>Moderator: Ms. Monalisa Saikia</b> , MCON, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
19	Impact of self-care educational intervention on clinical outcomes among adults with heart failure: a systematic review protocol.	<b>Prima Jenevive Jyothi D'Souza</b> , Linu Sara George, Baby S Nayak, Tom Devasia, James Gonsalves and Ravi Shankar
20	Knowledge assessment of mothers of preterm infants admitted in NICU on Preterm Home Care	<b>Tenzin Phagdol</b> , Baby S Nayak and Leslie E Lewis

21	Stress and stressors experienced by the high-risk neonates admitted in Neonatal Intensive Care Unit and their parents: Protocol for a systematic review of available evidence from India.	<b>N Siva,</b> Tenzin Phagdol, Baby S Nayak, Edlin Glane Mathias, Leslie E Lewis, Binil V, N Ravi Shankar and Preethy D'Souza
22	Effectiveness of Music therapy on perinatal anxiety and newborn behavior among pregnant women and their newborn- A study protocol for systematic review	<b>Meena Konsam,</b> Sonia R.B D'Souza, Samir Kumar Praharaj, Jyothi Shetty, Shashikala K Bhat, Sunita Panda and Ravishankar N
23	Prevalence of Comorbid conditions of Hypertension and Diabetes Mellitus among rural elderly: A population based survey	<b>Jeyalakshmi,</b> Elsa Sanathombi Devi and Mahadev Rao
24	Quality of life in postmenopausal women with osteoporosis: a systematic review	<b>Anupama D S,</b> Judith A Noronha, Kiran K V Acharya and Ravishankar
25	Psychological Well-Being, Social Well-Being and Subjective Well-Being among Pregnant Women (Original research)	<b>Pallavi Talukdar,</b> and Arunjyoti Baruah

**PANEL-5 (Day 1, Nov 11 , 02:45 PM- 04:15 PM)**

**Basic Science**

**Session Chair: Dr Krishna Kishore Mahato**  
Professor & Head, Department of Biophysics, School of Life Sciences.

**Moderator: Ms Suprita V**  
MSAP, Manipal

**Link: [Microsoft Teams meeting](#)**

S. No.	Title	Authors
26	Prospects of deep-ultraviolet-light emitting diodes in protein autofluorescence	<b>Darshan Chikkanayakanahalli Mukunda,</b> Subhash Chandra, Nirmal Mazumder, Kapaettu Satyamoorthy and Krishna Kishore Mahato
27	Characterization of different tissue types by photoacoustic spectroscopy	<b>Jackson Rodrigues,</b> Subhash Chandra, Raghushaker C R, Satadru Ray, K Satyamoorthy and Krishna Kishore Mahato
28	Interaction of Starches and Amylases – An in-silico study	<b>Kausalya N M,</b> Nikhil Pathak and Nirmal Mazumder
29	Evaluating the effect of silicon dioxide as reinforcement fillers on potato starch elastomers	<b>Pooja N,</b> Ishita Chakraborty, Soumyabrata Banik, K K Mahato and Nirmal Mazumder

30	Design, molecular docking, synthesis, characterization, and anticancer activity studies of di-substituted 2,2'-bipyridine dihydroxamic acid derivatives	<b>Manasa Gangadhar Shetty</b> Padmini Pai Kapaettu Satyamoorthy Kampa Sundara Babitha
31	Repurposing of FDA approved drugs as HDAC inhibitors through molecular docking study	<b>Padmini Pai</b> Manasa Gangadhar Shetty Kampa Sundara Babitha
32	Assessment of tyrosine nitration by light emitting diodes induced fluorescence	<b>Joshi VK</b> Darshan CM Subhash C Manjunath B Joshi Mahato KK

<b>PANEL- 6 (Day1, Nov 11, 04:15-05:30PM)</b>	<b>Technical Science</b>
<p><b>Session Chair: Dr. Pallavi R Mane</b> Professor, Dept of Electronics &amp; Communication Engineering</p> <p><b>Dr P Arathi Rao</b> Associate Professor; Coordinator - MPH Programme; Coordinator - Manipal Health Literacy Unit Department of Health Policy</p>	

**Moderator: Ms. Krishnapriya T.K.**  
MIC, Manipal

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S. No.	Title	Authors
33	An overview of SOC estimation in Li-ion batteries with Direct Measurement methods: Conceptual abstract of Review Paper	<b>Manthan Sharma</b> and Geda Siva Ram Chowdary
34	Customer Based Brand Equity of Goa as a Tourist Destination -CBBE Model	<b>Siri S S G B N Ramayanam,</b> Nithesh Naik, Dasharathraj K Shetty and Shreesha Chokkadi
35	The Role of Digital Innovation in Knowledge Management Systems	<b>Sreesuja Kondapaneni,</b> Nithesh Naik, Dasharathraj K Shetty and Shreesha Chokkad
36	Psychological well-being and coping strategies among secondary school teachers: A cross-sectional study	<b>Chinthana Rajesh,</b> Lena Ashok, Chythra R. Rao, Veena G. Kamath, Asha Kamath, Varalakshmi Chandra Sekaran, Virupaksha Devaramane and V. Thippe Swamy
37	Exploring the COVID-19 vaccine acceptance through Health Belief Model (HBM) framework: A study among the university students in Tamil Nadu, India	<b>Rupali R Vaidya</b> and Benson Thomas M



38	Impact of the COVID-19 outbreak on the reporting of the adverse drug reaction across SAARC nations.	<b>Viola D'Souza</b>
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<b>PANEL-7 (Day 1, Nov 11 , 04:15PM- 05:30 PM)</b>	<b>Management</b>
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**Session Chair: Dr. Jagriti Gangopadhyay**  
Assistant Professor, MCH

**Moderator: Mr. Raghu Menon**  
MCH, Manipal

**Link: [Microsoft Teams meeting](#)**

<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
39	Reproductive Tourism	<b>Anusha Nagavarapu</b>
40	Abortion: The Social and Cultural Control over Women's Bodies	<b>Meghana Nayak</b>
41	Contraception as Women's Responsibility: Analysing contraception through the lens of gender and society in India	<b>Anaga Sivaramakrishnan</b>
42	Migrant Workers and Acculturation: Exploring the Interplay of Knowledge, Attitude and Practices on Agency and Empowerment	<b>Aparna Manoj</b>
43	Examining the impact of the COVID-19 pandemic on social relationships, self-care and coping mechanisms of women with Rheumatoid Arthritis.	<b>Michelle Shana Lobo</b>
44	Dowry Deaths through Suicide: Analysing through Durkheim's theory of Suicide	<b>Keerthi Menon</b>

PANEL- 8 (Day 1, Nov 11, 04:15PM- 05:30 PM)		Health Science
<p><b>Session Chair: Dr Ravikiran Ongole</b> Professor and Head, Dept. of Oral Medicine and Radiology MCOOD- Manglore</p>		
<p><b>Moderator: Dr Aiman Abbasi,</b> MCOODS, MLR</p>		
<p><b>Link: <a href="#">Microsoft Teams meeting</a></b></p>		
S. No.	Title	Authors
45	Evaluation of the surface roughness and friction resistance of coated (aesthetic) stainless steel orthodontic arch wires.	<b>Pruthvi mahajan</b>
46	Evaluation of the surface roughness and friction resistance of coated (aesthetic) stainless steel orthodontic arch wires.	<b>Chhavi Singh</b>
47	Variation in tongue pressure on transpalatal arch in angles class 2 malocclusion	<b>Ujjwal Gautam</b>
48	Titanium with its inherent property of biocompatibility and Osseo-integration is considered as the most ideal material for dental implants	<b>Supriya Nambiar and Mahesh Kakunje</b>
49	Recycling- a new road to sustainable dental(orthodontic) practice	<b>Dhruv Ahuja</b>
50	Correction of reverse telescopic bite: an orthodontic case report	<b>Neharika Kapur</b>

PANEL- 9 (Day 1, Nov 11, 04:15PM- 05:30 PM)		Health Science
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**Session Chair: Dr K Sreedhara Ranganath Pai,**  
Professor, Department of Pharmacology, MCOPS

**Moderator: Ms. Revathi Ravi Amin,**  
MCHP, Manipal

**Link: [Microsoft Teams meeting](#)**

S. No.	Title	Authors
51	Prediction modelling approaches in the early detection of neonatal sepsis: A systematic review	<b>Puspita Sahu,</b> Elstin Anbu Raj, Leslie E Lewis, Krishnananda Prabhu, Mahadev Rao and Vijayanarayana K
52	Consumers' and practitioners' perspectives on the metabolic monitoring of patient prescribed second generation antipsychotics in severe mental illness: A comparative study of qualitative research with meta-synthesis	<b>Pooja Gopal Poojari,</b> Girish Thunga, Sohil A Khan, Sonia Shenoy, Sahana Shetty, Swarnali Bose, Keshava Pai and Leelavathi D Acharya
53	Assessing the cost burden associated with antimicrobial resistance in a tertiary health care facility	<b>Prashant Chandra,</b> Vandana KE, Chiranjay Mukhopdhyay, Dinesh Acharya, Surulivel Rajan M and Rajesh V

54	Determinants of stigma faced by people living with Human Immunodeficiency Virus: A narrative review from past and present scenario in India.	<b>Irene Lalhruaimawii,</b> Danturulu Muralidhar Varma, Shweta Rai, U K Chandrashekar and Radhakrishnan Rajesh
55	Clinical Profile, Treatment Pattern, and Predictors of Outcomes in Acute Respiratory Distress Syndrome: A Retrospective Evidence	<b>Muhammed Rashid,</b> Manasvini Ramakrishnan, Deepa Sudalai Muthu, Viji Pulikkel Chandran, Girish Thunga, Vijayanarayana Kunhikatta, Vishal Shanbhag, Raviraja V Acharya and Sreedharan Nair
56	Teaching learning strategies for Evidence Based Medicine among healthcare professionals: A meta-synthesis	<b>Viji PC,</b> Girish Thunga, Athira B Nair, Muhammed Rashid, Girish Pai K and Sohil Khan
57	Development and Validation of Medication Therapy Management Assisted Patient Information Leaflets on Oral Anticoagulants	<b>Santosha Vooradi,</b> Rajesh V, Gabriel Sunil Rodrigues, Mahadev Rao,

		Tom Devasia and Ganesh Kamath Sevagur
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<b>PANEL-10 (Day 1, Nov 11 , 04:15 PM-5.30 PM)</b>	<b>Technical Science</b>
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**Session Chair: Dr. Dinesha P**  
Associate Professor, Mechanical engg, MIT

**Moderator: Dr Lochan,**  
MCOODS, Manipal

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<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
58	A numerical study on the effect of perforated absorber plate position in a double pass parallel flow Solar Air Heater	<b>Arunkumar H. S,</b> Shiva Kumar and K. Vasudeva Karanth
59	Banana Fibres as Reinforcement in Green Composites : A Review	<b>Shresth Singh</b> and Nitesh Naik
60	Nanotechnology in Dentistry: Present and Future Perspectives in Clinical Applications	<b>Diya Sen</b> and Nithesh Naik
61	Role of Robotics in Dentistry	<b>Gudla Sandeep</b> and Nithesh Naik
62	Smart Biomedical Materials in Dentistry	<b>Gajjala Yaswanth Reddy</b> and Nithesh Naik
63	Drilling of Carbon Fibre/Aluminium Laminate Composite by Finite Element Approach	<b>S. M. Shahabaz,</b> Nagaraja Shetty and

		Sathyashankara Sharma
64	Investigation into performance of Battery- Supercapacitor Hybrid System	<b>Shashwat M.A,</b> Sameer Keshavan and Alwaaz Ahmad

<b>PANEL- 11 (Day 2, Nov 12, 09:30 - 10:45AM)</b>		<b>Health Science</b>
<b>Session Chair: Dr. Rekha D Kini</b> Associate Professor, Physiology, KMC, Mangalore		
<b>Moderator: Ms. Swati Prabhu,</b> MSIS, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
65	Newborn screening for congenital hypothyroidism at a tertiary health care hospital	<b>Dhote Kashmir,</b> Sulekha Sinha, Neelam Mehta, Jaseem T and Sunita Tripathy
66	Root cause analysis of Non-conformances encountered in a NABL Accredited Biochemistry laboratory of tertiary care hospital	<b>Nihaal Maripini,</b> Vijetha Shenoy Belle and Ravindra Maradi
67	Study of treadmill exercise intervention on hepatic function in dyslipidemia-induced wistar rats.	<b>Samreen M Sheik,</b> Revathi P Shenoy, Madhukar Mallya H, Deepak Nayak M, K.Sreedhara Ranganath Pai and

		Varashree BS
68	Low normal range of free thyroxine is associated with increased non-hdl cholesterol in mild subclinical hypothyroid subjects	<b>Yash Garg,</b> Jaseem T, Anupama Hegde and Sunita Tripathy
69	Parental dilemma - HE or SHE in DSD (Disorders of sex development)	<b>Shreya Vijay</b>

<b>PANEL- 12 (Day 2, Nov 12, 09:30 - 10:45AM)</b>		<b>Health Science</b>
<b>Session Chair: Dr. Nanditha Sujir,</b> Asst. Prof, Dept. of Oral Medicine and Radiology, MCOODS, MLR		
<b>Moderator: Mrs. Ninu Matthew,</b> KMC, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
70	Comparative Evaluation of a Bioactive Restorative Material with Resin Modified Glass Ionomer for Calcium-Ion Release and Shear Bond Strength to Dentin of Primary Teeth– An In Vitro Study	<b>Kunal Bhatia,</b> Rashmi Nayak and Kishore Ginjupalli
71	Role of Neurotrophin receptors in determining the differential histological pattern and biological behavior of Follicular & Plexiform Ameloblastoma – A novel study	<b>T.R. Yoithap Prabhunath and</b> K.K. Sri Chinthu
72	Targeted magnetic nanoparticle hyperthermia for the treatment of oral cancer: Review article	<b>Tulima Begum</b>

73	The prevalence of oral manifestations in patients with psychiatric disorders	<b>Priyanka</b>
74	Oro-cutaneous manifestations of Goltz syndrome in a young male	<b>Ranjane Srinivasan and Vineetha R</b>
75	Medication-related osteonecrosis of the jaw: A case report with comprehensive insight into preventive strategies	<b>Divya J</b>

<b>PANEL- 13 (Day 2, Nov 12, 09:30 - 10:45AM)</b>		<b>Health Science</b>
<b>Session Chair: Dr. Lalit Kumar</b> Associate Professor, Pharmaceutics, MCOPS,		
<b>Moderator: Ms. Deeksha Nayak,</b> Ayurveda, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
76	Comparison Of Effects Of Melatonin And Rosuvastatin In Carboplatin Induced Nephrotoxicity-An Experimental Study In Wistar Rats	<b>Ananya Anand Arware.</b> Bharti Chogtu Magazine and Veena Nayak,
77	Cardioprotective potential of Amalaki Rasayana in angiotensin-II induced pressure-overload induced cardiac hypertrophy	<b>Cheryl Rhea Lewis,</b> Vasudha Devi, Dhandapani Kuppaswamy, Dinesh Upadhyya, Amruth Kiran Bhat and Deeksha Dayanand Nayak



78	Traditional systems of medicine for psoriasis: A review of clinical studies	<b>Nayak Deeksha Dayanand,</b> Vasudha Devi, Arul Amuthan, Sathish Pai B and Shama Prasada K
79	Screening of Moringa oleifera bioactive components for SIRT6 activity using in-silico methods and standardisation of the leaf extracts.	<b>Krupa Thankam George,</b> K. Nandakumar, Abhinav Kanwal and K. Ranganath Pai
80	Effect of glycerol extract of Hygrophilia auriculata on carboplatin induced haemotoxicity, nephrotoxicity and hepatotoxicity- an experimental study on Wistar Rats	Arpita Chakraborty, <b>Veena Nayaka,</b> Suchetha P Kumar, Vijetha Shenoy Belle and Ananya Arware
81	Study of anticonvulsant effect of Simvastatin in Maximal Electroshock and Pentylene-tetrazole induced seizure model in Albino mice	<b>Sangita Kamath</b> and Umakanth N. Patil
82	Exploring Allosteric Akt-1 inhibitor by in silico studies for the treatment of Non-small cell lung cancer	<b>Krishnaprasad Baby,</b> Chetan H Mehta, Swastika Maity, G Gautham Shenoy, K Sreedhara Ranganath Pai, Usha Y Nayak and Yogendra Nayak

PANEL- 14 (Day 2, Nov 12, 09:30 - 10:45AM)

Health Science

**Session Chair: Dr. Varadraj Bhat G,**  
Associate Professor, Pharmaceutical Chemistry, MCOPS

**Moderator: Ms. Hannah Christina,**  
MSLS, Manipal

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S. No.	Title	Authors
83	Iontophoretic delivery of asenapine maleate: Comparison of nanoliposomal platform with passive delivery	<b>Jyothsna Manikkath</b> and Srinivas Mutalik
84	Development and Evaluation of Modified EGCG Hydrogel Nanocomposites for the Treatment of Oral Submucous Fibrosis	<b>Chetan Hasmukh Mehta,</b> Shruthi Acharya and Usha Y Nayak
85	IP Policy as enabler of University- Industry Collaboration-Indian HEI perspective	<b>Vijay Kumar Sattiraju,</b> Ramjee Pallela, Anindya Sircar, Pradeep Muragundi, Virendra Ligade and Manthan D Janodia
86	Cholecalciferol a poor agent against statin associated diabetes	<b>Raghuvir Keni,</b> Pawan G. Nayak, Nitesh Kumar and Nandakumar Krishnadas
87	Effect of novel antidepressants on semen parameters and male fertility in rat model of mild stress induced depression.	<b>Reena Sherin Parveen,</b> Renee Johnson and Shalini Adiga,

88	Assessment of level of preparedness of medical care staff in the state of Karnataka towards the lifting of the lockdown and re-establishing of a fully functional health care system in the realms of the Covid-19 pandemic	<b>Sadhana N Holla</b> and Prabhleen Sibal Kaur
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PANEL- 15 (Day 2, Nov 12, 09:30 - 10:45AM)		Health Science
<b>Session Chair: Dr. Saikiran P</b> Assistant Professor (senior scale), Incharge & Head Department of Medical Imaging Technology		
<b>Moderator: Mrs. Renuka Suvarna,</b> MMMC, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
S. No.	Title	Authors
89	Effect of nitrates on endurance athletes- a case control study	<b>K. Lalankimi,</b> Mrinaleni Kumar, Swathi Acharya and Baskaran C
90	Effectiveness of an mHealth application on remote monitoring and self-management of persons with hypertension in a coastal taluk of Udupi district: A study protocol for a Community Based Cluster Randomised Trial	<b>Prajwal L S,</b> Sabu K M, Suma N, B Reshmi and Poornima P K
91	Low kilovoltage and low contrast volume Neck CT Protocol using iterative reconstruction techniques: A Comparison with standard dose	<b>Ms. Priyanka,</b> Shubham Chhetri and

	protocol	Bharath J L
92	Establishing Local Diagnostic Reference Levels for Computed Tomography Angiography	<b>Abhimanyu Pradhan,</b> Rajagopal K V and Suresh Sukumar
93	Cervical cancer screening using Pap Smear in a tertiary care hospital- A Retrospective observational study	<b>Reshma Dsouza,</b> Saleena Ummer V, Shyamala G and Ranjini
94	Dysphagia rehabilitation for head and neck cancer patients in india: variabilities and lacunae in clinical practice	<b>Janet Jaison Varghese,</b> Venkataraja U Aithal, B Rajashekhar and Dr. Krishna Sharan

<b>PANEL- 16 (Day 2, Nov 12, 10:45 AM– 12:00 PM)</b>		<b>Basic Science</b>
<b>Session Chair: Dr. Somasish Ghosh Dastidar,</b> Assistant Professor, Molecular neuroscience, KMC,		
<b>Moderator: Ms. Viola D'souza</b> PSPH, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
95	Role of probiotics on radiation induced damage in perspective to gut and brain	<b>Venkidesh B.S.</b> Shrinivas Teli and Kamalesh D. Mumbrekar

96	Subcategory: Pharmaceutical Sciences, Original article Identification of potent acetylcholinesterase inhibitors from natural products against Alzheimer's disease: A computational approach	<b>Anu K R</b> and Alex Joseph
97	Understanding COVID-19 associated neurological effects and increased risk of Alzheimer's disease.	<b>Manasi Patil</b> and Dr. Sudha Warriar
98	Unraveling the role of Ubiquitin Proteasome System in the arborization of neurons	<b>Jeevan Gowda,</b> Smitha Bhaskar and Anujith Kumar
99	The role of p21 activated kinase in the repair of plasma membrane damage caused by oligomeric amyloid- $\beta$ and its implication in pathology spreading in Alzheimer's disease	<b>Deepak K V,</b> Aysha Dilna V K, Nandini Damodaran and Sangeeta Nath
100	Revealing the Ubiquitination pattern of PITX3: the transcription factor involved in dictating dopaminergic neural fate	<b>Shreetama Banerjee</b> and Anujith Kumar

<b>PANEL- 17 (Day 2, Nov 12, 10:45 AM – 12:00 PM)</b>		<b>Technical Science</b>
<b>Session Chair: Dr Shantharam Patil,</b> <b>Professor, MSAP</b>		
<b>Moderator: Ar. Rakshit Singh Bist,</b> MSAP, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>

101	Investigation on spatial organization of healthcare buildings during pandemic	<b>Harshalatha,</b> Shantharam Patil and Pradeep G Kini
102	Submarine Groundwater Discharge: Challenges, Limitations and Management Recommendations	<b>Kumar Pranjal,</b> Yovan Lino, Singh Priyansh, Chand Jagath and Keshava Balakrishna
103	Outrigger structural vibration mitigation using hybrid damper	<b>Kavyashree,</b> Shantharam Patil and Vidya S Rao
104	To explore the potential of transitional spaces in residential environments to foster sense of community and social cohesiveness	<b>Shanta Pragyan Dash</b>
105	Application of Glass Fiber Reinforced Polymer Rebars in Concrete Structures	<b>Trupti Amit,</b> Kinjawadekar, Shantharam Patil and Gopinatha Nayak
106	Accessibility concerns in Urban public transport systems in India	<b>Amit Kinjawadekar</b>

**PANEL- 18 (Day 2, Nov 12, 10:45 AM – 12:00 PM)**

**Technical Science**

<b>Session Chair: Prof. K Balakrishna</b> Professor, Department of Civil Engineering		
<b>Moderator: Ms Suprita V,</b> MSAP, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
107	Therapeutic lighting design for elderly	<b>Sukhi Hegde</b> and Sahana
108	Influence of fluidic forms on pedestrian movement: A morphological study of Intermediate spaces, using space syntax analysis	<b>Akarsh U Vagman</b> and Amit Kinjawadekar
109	Use of TiO <sub>2</sub> in Building facade and its effect on air pollution	<b>Aavani Anilkumar</b>
110	Child-friendly built environment in a healthcare sector: A review	<b>Charline Stella Samuel</b> and Nandineni Rama Devi
111	Assessing Impacts of Ecological Framework on Indian Riverfront Revitalization Projects	<b>Susan Simons</b> and Amit Kinjawadekar
112	An exploratory study towards enhancing the 'quality' of public green spaces to encourage social interactions in youth	<b>Shreya Murali</b>

<b>PANEL- 19 (Day 2, Nov 12, 10:45 AM – 12:00 PM)</b>	<b>Allied Health</b>
<b>Session Chair: Dr. Venkataraja Aithal U</b> Professor, Department of Speech and Hearing	

**Moderator: Mr. Raghu Menon,**  
MCH, Manipal

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S. No.	Title	Authors
113	Event Related Potentials (ERPs) in Individuals with and without Vestibular Dysfunction: A Cross-Sectional Study	<b>Anupriya E,</b> Kaushlendra Kumar, Mohan Kumar Kalaiah and Deviprasad D
114	Prospective memory self-rating questionnaire: An slp's perspective	<b>Dasmine Fraclita D'Souza,</b> Gagan Bajaj and Jayashree S. Bhat
115	Role of socio-economic status on play development in toddlers: a dyadic interaction based study	<b>Megha Mohan</b> and Jayashree S. Bhat
116	Effect of inter-aural temporal envelope difference on inter-aural time difference threshold for high pass filtered amplitude-modulated noise in normal-hearing young adults	<b>Vibha Kanagokar,</b> Hasna Fathima, P Arivudai Nambi and Jayashree S Bhat
117	A survey on emergent literacy practices in children with Autism Spectrum Disorder	<b>Haritha S Mohan</b> and Shivani Tiwari
118	An Insight into Cognitive-Communication Reasoning Skills In Pre-schoolers	<b>Aparna Prasanna,</b> Gagan Bajaj, Malavika Anakkathil Anil and Jayashree S Bhat
119	Classification of low and high grade gliomas using Radiomic Analysis of Multiple MR sequences	<b>Saikiran Pendem,</b> Rhea Merin Zachariah and Priya P S



PANEL- 20 (Day 2, Nov 12, 10:45 AM – 12:00 PM)		Allied Health
<b>Session Chair: Dr.Stephen R Samuel</b> Assistant professor senior scale, Physiotherapy, KMC, Mangalore		
<b>Moderator: Ms. Swati Prabhu,</b> Yoga, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
S. No.	Title	Authors
120	Knowledge, attitude, behaviour and health care experience among Interstitial Lung Disease patients	<b>Revati Ravi Amin,</b> G Arun Maiya, Aswini Kumar Mohapatra and Vaishali K
121	Upper extremity kinematics of a 3D simulated drinking task in acute to sub-acute stroke survivors in comparison with normal individuals	<b>Sanjukta Sardesai,</b> John M Solomon and Senthil Kumaran
122	Correlation of resting metabolic rate with skeletal muscle mass and renal function outcomes in type 2 diabetes mellitus individuals with nephropathy.	<b>Megha Nataraj,</b> G. Arun Maiya, Shankar Prasad Nagaraju, B A Shastry and Shivashankara K N
123	Effects of game-based rehabilitation interventions on upper limb function following acute and sub-acute stroke: A systematic review and meta-analysis	<b>Sulfikar Ali A,</b> Sanjana Gururaj, Ashokan Arumugam and Senthil Kumaran D

124	Design and development of simple mobility device for children with developmental delay	<b>Shristi Shakya,</b> Vishal Pithadia, Resmi G, Sivakumar Gopalakrishnan and Bhamini Krishna Rao
125	Transcranial direct current stimulation (tDCS) for the management of fatigue in neurological conditions: A Scoping Review	<b>Akhila Jagadish,</b> Apoorva M Shankaranarayana, N Manikandan and John M Solomon

<b>PANEL- 21 (Day 2, Nov 12, 12:00 – 01:15 PM)</b>		<b>Health Sciences</b>
<b>Session Chair: Dr. Manikandan N,</b> Associate Professor, Sr scale, Physiotherapy, MCHP, MAHE, Manipal		
<b>Moderator: Ms. Revathi Amin,</b> Physiotherapy, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
126	Inter tester and Intra tester reliability of measurement of Forward Head Angle (FHA), Forward Shoulder Angle (FSA) by photogrammetry and Thoracic Curvature by flexi curve.	<b>Ganesh Balthillaya M,</b> Bhamini Krishna Rao, Shyamasunder N. Bhat and Shalini H
127	Building an interdisciplinary health system research gaps to endure future pandemics: A lesson learnt	<b>Sakshi Pritam Arora</b>

128	Effects of exercise training on cardiotoxicity in cancer survivors. A systematic review	<b>Ravindra Reddy</b>
129	Effectiveness of hip abductor strengthening on hip abductor strength and knee joint loading in patients diagnosed with knee osteoarthritis – a systematic review.	<b>Shruthi R,</b> Ashish John Prabhakar, Patel Vivekbhai Dineshbhai and Charu Eapen
130	Effect of trunk training interventions on functional outcomes in children with cerebral palsy- a systematic review	<b>Aishwarya J. Talgeri,</b> Akshatha Nayak, Shreekanth Karnad and Preyal Jain,
131	Effects of Exercise-based Prehabilitation in Children Undergoing Elective Surgeries: A Systematic Review	<b>Jean Nikitha Noronha,</b> Stephen Rajan Samuel and Vijay Pratap Singh

<b>PANEL- 22 (Day 2, Nov 12, 12:00 – 01:15 PM)</b>		<b>Health Sciences</b>
<b>Session Chair: Dr. Rozy Kamal,</b> Assistant Professor-Sr Scale, Nuclear Medicine, MCHP, MAHE, Manipal		
<b>Moderator: Dr Aiman Abbasi</b> MCOBS, MLR		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>

132	Effects of combined aerobic exercise and task practice to improve health related quality of life after stroke- a literature review	<b>Rinshad V M</b> and P S B Roshan
133	Effects of exercise on thyroid hormones in children and adolescent with thyroid function disorders: a systematic review	<b>Bindya R,</b> Vijay Pratap Singh and Namrata Singh Chauhan
134	Influence of hip abductor strength on pain and functional outcomes in subjects diagnosed with knee osteoarthritis – a systematic review	<b>Dias Tina Thomas ,</b> Ashish John Prabhakar, Patel Vivekbhai Dineshbhai and Charu Eapen
135	Biosensors and biomarkers: promising tool for early detection of hepatocellular carcinoma	<b>Qsee H.S,</b> Shounak De and Sanjay Bharati
136	Modification of chitosan impressively accelerates the phases of wound healing in streptozotocin-induced male wistar rats	<b>Sachin Shetty,</b> Anushree U, Pratik Punj, Vasumathi Ramesh and Sanjay Bharati
137	A survey on perception of digital media usage on cognitive well-being in healthy late adolescents	<b>Suzan Deenal Pinto</b> and Malavika Anakkathil Anil

<b>PANEL- 23 (Day 2, Nov 12, 12:00 – 01:15 PM)</b>	<b>Health Sciences</b>
<b>Session Chair: Dr. Nayana Prabhu,</b> Associate Professor, Prosthodontics, MCOADS, MAHE, Manipal	
<b>Moderator: Mrs. Ninu Matthew,</b> KMC, Manipal	

<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
138	Zuchellis technique for multiple recession: a case report	<b>Sneha R Bhat</b>
139	Comparative evaluation of antifungal effect of sodium hypochlorite and triphala used as denture cleansers on denture biofilm in diabetic and non-diabetic individuals- an interventional study	<b>Pooja Hebbal</b>
140	Influence of two different scanners in evaluating marginal fit of restorations.	<b>Prakhyath P S</b>
141	Accuracy of fixed prosthodontics is selection of an impression material	<b>Midhila Madhusudanan</b>
142	Second hand smoking and adolescents: A bibliometric analysis	<b>Karthik M, Sheeba Pakkan and Ramprasad V.P</b>

<b>PANEL- 24 (Day 2, Nov 12, 12:00 – 01:15 PM)</b>		<b>Health Sciences</b>
<b>Session Chair: Dr. Srikant N,</b> Prof and Head, Dept. of Oral Pathology and Microbiology, MCOADS, MLR		
<b>Moderator: Dr. Madhu Bangera,</b> MCOADS, MLR		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>

143	Circulating tumour cells:Blue chip for prognosis	<b>Varsha V K</b>
144	Relationship of Myofibroblasts between Solid/Multicystic Ameloblastoma and Unicystic Ameloblastoma: An immunohistochemical Analysis	<b>Smitha G P</b>
145	Oral and psychological alterations due to prolonged usage of mouth in respiratory diseased individuals	<b>Pongownisha. R</b> and Dinesh Shankar.J
146	Assessment of knowledge and awareness on the covid-19 disease and its features among dental students in tamilnadu – a cross-sectional study	<b>Yokataa g s</b> and Dinesh Shankar.J
147	Effect of mobile phone radiation on buccal mucosal cells and its cytogenetic abnormalities among south indian women population	<b>Monikaa N M</b> and Sureakha Priyadarshini R
148	Skin care knowledge and awareness among young adults	<b>Nandhini J</b> and Dinesh Shankar.J
149	Effectiveness of dietary intervention for malnourished completely edentulous geriatric patients receiving new complete dentures: a randomized-control trial	<b>Sheethal V</b>
150	Comparison of the post set hydrophilicity of commercially available elastomeric impression materials -an invitro study	<b>Kirti Bakale</b>
151	Title anti-fungal effects of neem powder incorporated in polymethyl methacrylate denture base material- an in-vitro comparative study	<b>Meghan J Shetty</b>

**PANEL- 25 (Day 2, Nov 12, 12:00 – 01:15 PM)**

**Health Sciences**

**Session Chair: Dr. Nidhi Manaktala,**  
Reader, Oral Pathology, MCOODS, Mangalore

**Moderator: Ms. Shreya Rajgopal,**  
MCOODS, Manipal

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S. No.	Title	Authors
152	Assessment of DNA damage and ploidy status using dna-image cytometry in exfoliated buccal mucosal cells of smokers and smokeless tobacco users	<b>R. Surekha Priyadarshini</b> and Monikaa .N.M
153	Dental caries and periodontal disease in ageing population	<b>Vaishnavi.C,</b> Deepika.D and Dinesh shankar.J
154	Effects of diabetes mellitus and hypertension in dentition.	<b>Deepika.D ,</b> Vaishnavi.C and Dinesh shankar.J
155	Soft tissue changes in oral cavity of diabetic patients – A clinical study	<b>Sarmatha S</b> and Yamuna devi
156	Awareness of Eye complications & Diabetic Retinopathy among diabetic patients visiting hospitals in India: A narrative review	<b>Remia Kar</b>
157	Alteration in T cell receptor and lipid raft profiling a diagnosis for Systemic lupus Erythematosus	<b>Abhibroto K</b> and Prabhu.M

**PANEL- 26 (Day 2, Nov 12, 2:00 – 03:15 PM)**

**Health Sciences**

**Session Chair: Dr Chakrapani M,**  
Professor, Department of Medicine, KMC, Mangalore

**Moderator: Ms. Deeksha Nayak,**  
MMMM, Manipal

**Link: [Microsoft Teams meeting](#)**

<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
158	A study on perception about working in rural area after graduation and associated factors among medical students	<b>Akshita Rudransh</b>
159	100 crore vaccines in India: Formidable partnership between science and Policy	<b>Jobinse Jose,</b> Ramesh Holla and B Unnikrishnan
160	A Study on smart phone addiction, sleep related disorders, stress among medical student and how it influences their academic performance	<b>Kshitij Kashyap</b>
161	A Study of Morbidity Pattern and Health care Utilisation among Safai Karamcharis in Medical College: A Cross Sectional Study in Jamshedpur, Jharkhand	<b>Nikhlesh Sahoo</b>
162	Invivo dose Comparison in beam matched linear accelerator – A Phantom study	<b>Sushma N,</b> Shanmugappa Kaginelli and Ganesh KM
163	Thyroid dysfunction in women with uterine fibroids: a retrospective pilot study	<b>Vineetha K K,</b> Bhamini Krishna Rao, Archana P R, Shashikala K Bhat and Rajeshwari G Bhat



PANEL- 27 (Day 2, Nov 12, 2:00 – 03:15 PM)		Basic Sciences
<b>Session Chair: Dr. K.R Hebbar,</b> Sl. Grade Lecturer, Dept of Ayurveda, CIMR		
<b>Moderator: Ms. Renuka Suvarna</b> <b>Department of Ayurveda, Manipal</b>		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
S. No.	Title	Authors
164	Investigations on the corrosion behaviour of two industrially applicable metals	<b>Jilna Jomy</b> and Deepa Prabhu
165	Tuning the band gap of two-dimensional periodic colloidal crystal	<b>A Venkatesh</b> and V H S Moorthy
166	Synthesis and structural characterization of $\text{LiNi}_{0.75}\text{M}_{0.25}\text{PO}_4$ (M = Al, Mg) cathode materials for lithium ion batteries	<b>Ranjini,</b> K. Rajammala, D. Sivakumar, K. Ramesh and S. Ramesh
167	Structural diversity and functional regulation of C19MC in bladder cancer patients	<b>Akshay P. Ware,</b> Kapaettu Satyamoorthy and Bobby Paul
168	Bioinformatics Analysis of DNA Methylation in Obesity and its Association with Prakriti	<b>Divya Ramesh,</b> Sandeep Mallya and K Satyamoorthy
169	Bioinformatics Analysis of Gene Expression Changes in Obesity	<b>Sandeep Mallya</b> and K Satyamoorthy

PANEL- 28 (Day 2, Nov 12, 2:00 – 03:15 PM)		Technical Sciences
<b>Session Chair: Dr. Kanthi M,</b> Professor, Department of Electronics & Communication Engineering		
<b>Moderator: Ms. Krishnapriya T.K.</b> <b>MIC, Manipal</b>		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
S. No.	Title	Authors
170	High fidelity sleep schedule: Adaptive system based on deep learning techniques	<b>Rohan Nigam</b>
171	Study of second harmonic wave conversion from fundamental wave with the plane wave approximation	<b>Naman Mathur,</b> Madhu and Prashant Povel Dwivedi
172	Non-Destructive Health Monitoring Testing for Composite Materials in Aerospace Industries	<b>Jayant Sharma,</b> Vanshika Bhalotia, MD Shaishab Ahmed Shetu and Nithesh Naik
173	Analysis of second harmonic generation efficiency vs phase with the fundamental wave as plane wave	<b>Madhu</b> and Prashant Povel Dwivedi
174	Pedicle Screw Trajectory Planning in Preoperative CT Image and Trajectory Visualizations in Gradient Projection Image	<b>Roshan Ramakrishna Naik,</b> Anitha H, Shyamasunder N Bhat, Nishanth Ampar and Raghuraj Kundangar

175	Electric Propulsion for Fixed Wing Aircrafts – A review on classifications, designs, and challenges	<b>Aravind Karthik</b> and Nithesh Naik
176	Fluorescent water-based flexographic ink from chalcone pigment for anti-counterfeit applications	<b>Bhagya R S</b>

<b>PANEL- 29 (Day 2, Nov 12, 2:00 – 03:15 PM)</b>		<b>Basic Sciences</b>
<b>Session Chair: Dr Raghu Chandrashekhar H</b> Professor and Head, Department of Pharmaceutical Biotechnology		
<b>Moderator: Ms. Nikitha S,</b> <b>MIV, Manipal</b>		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
177	Sentinel Influenza surveillance among inpatient cases in a tertiary care hospital in Udupi, Karnataka from 2015-2021	<b>Jayaram Anup,</b> Prasad Varampalli, Ujwal Shetty, Naren Babu and Anitha J
178	Molecular detection of RSV in children below 5 years of age in a hospital setting, Karnataka - a prospective study 2021	<b>Athira MP,</b> Josmi Joseph, Prasad Varamballi, Desmond Cardoso, Chiranjay Mukhopadhyay and

		Leslie Edward S Lewis
179	Identifying inhibitors of Japanese Encephalitis Virus by molecular docking studies - a multiple viral target-based approach	<b>Piya Paul Mudgal,</b> Shaun Joe and Abdul Ajees Abdul Salam
180	Rickettsia africae and other unclassified rickettsia species of spotted fever group in ticks of the Western Ghats, India	<b>Naren babu N,</b> Anup Jayaram and Ujwal Shetty
181	Prevalence of Co-infecting Respiratory Viral Pathogens among Influenza Patients	<b>Megha Chandran,</b> Prasad Varamballi, Shilpa C , Sanaa Abdul Latheef, Naren Babu, Chiranjay Mukhopadhyay and Sathishkumar Arumugam
182	HIV/AIDS and Cancer risk: A single centre retrospective observational study	<b>Nikitha S,</b> Revathi P Shenoy, Shyamala G, Anitha J and Kavitha Saravu
183	Hepatitis B Virus Genotyping among Chronic Hepatitis B and Hepatocellular Carcinoma Patients from Karnataka	<b>Sanaa Abdul Latheef ,</b> Shilpa C, Ujwal Shetty, Desmond Cardoso, Megha Chandran, Chiranjay Mukhopadhyay,

		Shiran Shetty and Pradip Devhare
184	Antigenic thrift – exploring the unknown immunological dimensions of Influenza	<b>Trupti S Kadni</b> and Piya Paul Mudgal

<b>PANEL- 30 (Day 2, Nov 12, 2:00 – 03:15 PM)</b>		<b>Management Sciences</b>
<b>Session Chair: Dr. Vidya Bai G,</b> Associate Professor, Dept. Of commerce, MAHE, Manipal		
<b>Moderator: Mr. Shivaprasad SP,</b> <b>DOC, Manipal</b>		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
185	An Exploration on policy preference among tribal women with disabilities.”	<b>Ashalatha S.L</b> and Satish Kumar.
186	Importance of Patient Reported Outcomes in Clinical Trials	<b>Herosh Haridas,</b>
187	Cost Variation Analysis among Generic Jan Aushadhi Scheme and Branded Drugs for Eye and ENT in India	<b>Mehnaaz M Dhanal</b> and Shaik Husna Tasneem
188	Health-Related Quality of Life Evidence: A study of Clinical Trials registered in Clinical Trial Registry India (CTRI)	<b>Merin Renjith</b>

189	Factors influencing Pricing of Hospital Services: A Thematic Review	<b>Andria J N Sirur</b> and Rajasekharan Pillai K
190	Comparison of process and decisions in Health Technology Assessment (HTA) in Australia and Singapore”	<b>Shaik Husna Tasneem</b> and Mehnaaz M Dhanal
191	Sustainable Tourism in India: An environment friendly perspective of Leisure	<b>Akanksha Choudhary</b> and Poonam Mishra
192	Hospital-based Health Technology Assessment	<b>Priya Soni</b>

<b>PANEL- 31 (Day 2, Nov 12, 4:30 – 06:00 PM)</b>		<b>Basic Sciences</b>
<b>Session Chair: Dr Shama Prasada K,</b> Associate Professor, Department of Cell and Molecular Biology, School of Life Sciences.		
<b>Moderator: Ar. Rakshit Singh Bist,</b> <b>MSAP, Manipal</b>		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
193	Construction and analysis of the HOX cluster network reveal oncogenic drivers in HNSCC	<b>U Sangeetha Shenoy,</b> Shama Prasada Kabekkodu and Raghu Radhakrishnan
194	Mutant insulin and effect of mystiric acid	<b>Kolla Srivalli</b>

195	Mapping R-loops and elucidating the role of Senescence in breast cancer	<b>Dinesh Reghunathan,</b> Satyajit Dey Pereira, Sima Chaudari, Poonam Bhandari, Neena George, Prasanth BR and Kapaettu Satyamoorthy
196	SARS-CoV-2 Spike Glycoprotein RGD Motif and Integrin Interactions: Potential Significance and Host Effects	<b>Satyajit Dey Pereira,</b> Ritam Naha, Aditi Kandlur, Manoj K Bhat and Kapaettu Satyamoorthy
197	Evaluating the role of Ecto-5'-nucleotidase in cell fate choice during Inflammation	<b>Chandanala Shashank</b> and Jyothi S Prasanna
198	Drug loading ability of extracellular vesicles derived from medial ganglionic eminence cells	<b>Abhijna Ballal R,</b> Shivakumar Reddy K, Smita Shenoy and Dinesh Upadhya

<b>PANEL- 32 (Day 2, Nov 12, 4:30 – 06:00 PM)</b>	<b>Basic Sciences</b>
<b>Session Chair: Dr A Muthusamy.</b> Professor & Head, Department of Plant Sciences, Manipal School of Life Sciences	
<b>Moderator: Mrs. Hannah Christina,</b> <b>MSLS, Manipal</b>	
<b>Link: <a href="#">Microsoft Teams meeting</a></b>	

<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
199	Survey of fungal diseases and identification of pathogenic fungi in brinjal var. Mattu Gulla ( <i>Solanum melongena</i> L.)	<b>Arya Kaniyassery,</b> Thokur Sreepathy Murali and Annamalai Muthusamy
200	Metabolite Profiling by Liquid Chromatography-Mass Spectrometry and Multivariate Analysis for Authentication of <i>Phyllanthus</i> Species	<b>Chigateri M Vinay,</b> Manjunath B Joshi, Bobby Paul, Kapaettu Satyamoorthy and Padmalatha S Rai
201	Salt Stress-induced Modulation in Morpho-physiology, Biochemical and Withanolide content in <i>Withania somnifera</i> L. Dunal	<b>Thorat Sachin Ashok,</b> Padmalatha S Rai and Annamalai Muthusamy
202	Visual Detection System for Molecular Authentication of Guduchi ( <i>Tinospora cordifolia</i> (Willd.) Hook. F & Thomson) with Species-Specific Marker	<b>Sanjay Kannath Udayamanoharan,</b> Kapaettu Satyamoorthy and Padmalatha S Rai
203	Drug Loading Ability of Mesenchymal Stem Cell Derived Anti-inflammatory Extracellular Vesicles	<b>Shivakumara Reddy K,</b> Abhijna Ballal R, Shailaja S, Raghu Chandrashekhara H, Shalini Adiga and Dinesh Upadhyaya
204	Molecular mediators of cell fate decisions in MSCs during inflammation	<b>Vaishali Garg</b> and Jyothi S Prasanna



<b>PANEL- 33 (Day 2, Nov 12, 4:30 – 06:00 PM)</b>		<b>Basic Sciences</b>
<b>Session Chair: Dr. Naresh Kumar Mani,</b> Associate Professor, Biotechnology, MIT		
<b>Moderator: Ms. Medini Hegde,</b> European studies, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
205	Polarization-based strategy for enhancing ionic emissions in laser induced breakdown spectroscopy	<b>Adarsh U. K</b> Unnikrishnan V. K Parinda Vasa Sajan D. George Santhosh Chidangil and Deepak Mathur
206	Facile fabrication of plasmonic wettability contrast paper surface for droplet array-based SERS sensing	<b>Alina Peethan</b> Aravind M Unnikrishnan V.K Santhosh Chidangil and Sajan D. George
207	Bubble collection and transport via selective grafting of silicone oil onto the substrate	<b>Aravind M</b> Alina Peethan Santhosh Chidangil and Sajan D. George

208	Preparation of elliptocytes in-vitro for studying biochemical changes in hereditary elliptocytosis by membrane-targeted spectroscopy	<b>Panchanil Sarmah</b> Ruchee Khanna Unnikrishnan V.K Santhosh C and Aseefhali Bankapur
209	Photothermally Assisted Crystallization of Arsenic: Amino Acid Derivatives	<b>Sudarshan Acharya B</b> Santhosh Chidangil and Abdul Ajees Abdul Salam
210	Opto-thermal printing of nanoparticles	<b>Monisha K</b> Suresh K Aseefhali Bankapur Santhosh Chidangil and Sajan D. George

<b>PANEL- 34 (Day 2, Nov 12, 4:30 – 06:00 PM)</b>		<b>Basic Sciences</b>
<b>Session Chair: Dr. Babitha K.S,</b> Associate Professor, Biophysics, MSLS, MAHE, Manipal		
<b>Moderator: Ms. Swati Prabhu,</b> MSIS, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
211	Protein profile analysis of tear fluids using High performance liquid chromatography-LED-Induced Fluorescence (HPLC-LED-IF) for the	<b>Sphurti S Adigal</b> Sulatha Bhandari and Santhosh Chidangil

	study of glaucoma	
212	Facile preparation of hydrophobic silica particles and Liquid Marble	<b>Swithin Hanosh</b> Unnikrishnan V. K Santhosh Chidangil and Sajan D. George
213	Data mining of Arsenic (III) and Arsenic (V) bond valence parameters, and their relevance for arsenic detoxification	<b>Upendra Nayek</b> and Abdul Ajees Abdul Salam
214	Hydrophobicity tailored droplet assay platforms for the body fluids	<b>Vineeth P</b> Unnikrishnan V.K Santhosh Chidangil and Sajan D. George
215	Dual Drug Loaded Lipid-Albumin Hybrid Nanoparticles for Effective Glioblastoma therapy: Optimization and Stability Evaluation	<b>anasa Manjunath Hegde</b> rinivas Mutalik yant S. Goda and S. Satish Rao
216	Elucidating the neurotoxicity mechanisms behind age-associated long and short-term exposure of low dose radiation and organophosphate	<b>Rekha Koravadi Narasimhamurthy</b> Bola Sadashiva Satish Rao Gireesh G and Kamalesh Dattaram Mumbrekar

PANEL- 35 (Day 2, Nov 12, 4:300 – 06:00PM)		Basic Sciences
<b>Session Chair: Session Chair: Dr Sudha Warriier,</b> Additional Professor, School of Regenerative Medicine, Manipal Institute of Regenerative Medicine,		
<b>Moderator: Ms. Swati Prabhu,</b> Yoga, Manipal		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
S. No.	Title	Authors
217	Homocysteine modifications activates neutrophils to form extracellular traps: implications in pathogenesis of stroke	<b>Aswathy S Nair</b> Pooja YT Joel Rodrigues, Shivashankar K Nagri, Shashikiran Umakanth, Dushyanth Babu Jasti, Kapaettu Satyamoorthy, Manjunath B Joshi
218	Co-administration of Paclitaxel and Curcumin in Nano-formulation to create Synergistic effect for Cancer Treatment	<b>Joyceline Praveena,</b> Bharath Raja Guru
219	Homologous gene sequence evolution for drug resistance in Plasmodium falciparum and Plasmodium vivax	<b>Varijakshi Gutthedhar,</b> Kapaettu Satyamoorthy, Abdul Vahab Saadi
220	Molecular phylogeny of Plasmodium vivax antifolate and multi-drug resistance genes	<b>Snigdha Chatterjee,</b> Ovee Kalyankar, Varijakshi Gutthedhar, Abdul Vahab Saadi
221	$\beta$ 2 Adrenergic receptor Agonists and Antagonists as anti - Plasmodium falciparum drugs	<b>Sowmya R. Prabhu,</b> Shashikiran

		Umakanth' Manjunath H. Hande, Saadi Abdul Vahab, Kapaettu Satyamoorthy
222	Effect of dual stage crosslinking of Polyvinyl Alcohol bioink for neural tissue engineering.	<b>Nasera Rizwana</b> , Manasa Nune

<b>PANEL- 36 (Day3, Nov 13, 9:30 –10 :45 AM)</b>		<b>Health Sciences</b>
<b>Session Chair: Dr Satish Kumar Adiga</b> Professor and HOD, Department of Clinical Embryology, KMC, Manipal		
<b>Moderator: Ms. Nikitha S,</b> <b>MIV, Manipal</b>		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
<b>S. No.</b>	<b>Title</b>	<b>Authors</b>
223	A fatal outcome of Granulicatella adiacens bacteremia in an Immunocompetent patient	<b>Keerthi N S,</b> Vishak Acharya, Sindhu Kamath, Navjot Singh Dhillon and Thomas Antony
224	Characterization of the virulence factors and antibiotic resistance pattern of Uropathogenic Escherichia coli strains in a tertiary care center.	<b>Archana Bhat K,</b> Naveen Kumar. M, Sevitha Bhat and Shalini Shenoy Mulki

225	A retrospective analysis of accidental exposure to needle stick injury among healthcare workers at a tertiary care centre in Jamshedpur, India	<b>Isha Vasudev</b>
226	Biomedical waste challenge in COVID-19 pandemic: Perspective from a tertiary care hospital in Eastern India	<b>Samreen Parveen,</b> Chinmaya Dash and Oindrila Chakraborty
227	Psychoactive Fauna as a source of Substance Abuse- A Review	<b>Sparsh Jha</b>
228	Evaluation of EEG microstates in chronic parkinson's disease patients.	<b>Krishnamoorthi</b> and Anandh Dhanushkodi

PANEL- 37 (Day3, Nov 13, 9:30 –10 :45 AM)		Health Sciences
<b>Session Chair: Dr. Nayanathara Arun Kumar,</b> Associate Professor, Physiology, KMC, Mangalore		
<b>Moderator: Dr. Lochan ,</b> KMC, Mangalore		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
S. No.	Title	Authors
229	Evaluation of the therapeutic effect of hydroalcoholic extract of Vitex Agnus castus berry on cisplatin induced acute nephrotoxicity.	<b>Aparna Tripathy,</b> Sudarshan.S, Archana.P.R and Babi Dutt
230	Natural anthocyanins for histological applications –Review	<b>Shiny Jasphin,</b> Archana P.R, Monica Charlotte Solomon

231	Evaluation of association of Parkinson's Disease symptoms with urinary extracellular vesicles.	<b>Santanu Roy</b> Dhiren Punja Dinesh Upadhyya and Dushyanth B. Jasthi
232	Prevalence of gastro-esophageal reflux disease and its association with fast food consumption as a risk factor in young adults in a medical college in Jamshedpur	<b>Shreya Dasgupta</b> and Vineetha K Ramdas Nayak
233	Estimation of effect of airgap on the surface of curved phantom- A phantom dosimetric study".	<b>Dilson Lobo</b> and Challapalli Srinivas

PANEL-38 (Day 3, Nov 13 , 9.30 AM- 10.45 AM)		Technical Sciences
<b>Session Chair: Dr. Radhakrishna Bhat</b> Assistant Professor, Department of Computer Science & Engineering		
<b>Moderator: Mr. Krishnamoorthi,</b> MIRM, Bangalore		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
S. No.	Title	Authors
234	COVID-19 Diagnosis using Clinical and Laboratory Blood Markers: A Machine Learning Approach	<b>Krishnaraj Chadaga,</b> Srikanth Prabhu, Shashikiran Umakanth, Vivekananda Bhat and Niranjana Sampathila
235	Evaluation of the Nintendo Wii Balance Board (WBB) as a Cost-Effective Posturography Tool	<b>Sawan Ramesh Hegde,</b> Venkatesan Venkateswara, Subramania and

		Senthil Kumaran D
236	Performance comparison of machine learning algorithms in predicting breast cancer	<b>Sindhura D N,</b> Radhika M Pai, Shyamasunder N Bhat and Manohara Pai M M
237	A SymSpell-based spell corrector for natural language processing In General	<b>Shubham Tripathi</b> and Sheeba Pakkan
238	A Self Sovereign Identity Based Verifiable Credentials for COVID-19 Vaccine/Test Records	<b>Manoj T,</b> Krishnamoorthi Makkithaya and Narendra V G
239	A Conceptual BIoT Framework for Theft Protection and Marketing of Harvested Coconuts in Local Farms.	<b>Namrata Marium Chacko,</b> Narendra V.G, Mamatha and Balachandra
240	Comparison of Feature Extraction Model for classification of Online Reviews	<b>Priya Kamath</b>



PANEL- 39 (Day3, Nov 13, 9:30 –10 :45 AM)		Management Sciences
<b>Session Chair: Dr D Sreedhar,</b> Associate Professor Senior Scale, Department of Pharmacy Management		
<b>Moderator: Mr. Shivaprasad SP,</b> <b>DOC, Manipall</b>		
<b>Link: <a href="#">Microsoft Teams meeting</a></b>		
S. No.	Title	Authors
241	A study of consumers' attitudes and intention to buy organic foods for sustainability with special reference to Manipal city.	<b>K Raksha Shenoy</b>
242	Review of Major Community Health Schemes in India with regard to Benefits offered in the Scheme and overall Performance of the Scheme	<b>N.S. Prakash</b>
243	A comparative study on medical reimbursement and group health insurance policy at hudco	<b>Vaishnavi Vetsa, and Suraj Francis Noronha</b>
244	Antecedents and consequents of Review Credibility: A Review	<b>K Pooja, and Pallavi Upadhyaya</b>
245	Does Health Infrastructure and Manpower Status Improved Health Indicators Since the launch of NRHM in India?	<b>Ankita Sharma and Monika Mathur</b>
246	A comparative analysis of HTA systems in Vietnam and India: Challenges and barriers in implementation of HTA systems	<b>Raveesh Subramanian</b>

PANEL- 40 (Day3, Nov 13, 9:30 –10 :45 AM)		Management Sciences
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**Session Chair: Dr. Partho Pratim Seal,**  
Associate Professor, WGSHA

**Moderator: Ms. Medini Hegde**  
**European studies, Manipal**

**Link: [Microsoft Teams meeting](#)**

S. No.	Title	Authors
247	Internationalization of Higher Education: Pathway Towards Global Citizenship Education	<b>Sushmita Roy</b>
248	Covid - 19's Impact on Indian Hotels and the Way Forward	<b>Anusha Pai,</b> Ms. Kshama Vishwakarma, Yashaan Aspi Cawasji and Bakhtawar Mahmood Lari
249	A bibliometric analysis of disability research in tourism	<b>Athira Rajagopal V,</b> Senthil Kumaran P and Vidya Patwardhan
250	AUMAi tool development to measure the awareness and usage of mobile applications among senior citizens for Instrumental Activities of Daily Living (iADLs)	<b>Raghavendra G,</b> Shashidhara Y.N and Poornima P Kundapur
251	Factors affecting restaurant selection: perspective of Indian customers	<b>Paritosh Dabral</b> and Vidya Patwardhan
252	Perceptions of university student's food consumption behaviours and its determinants	<b>Kshama</b> <b>Vishwakarma</b>