

5th INTERNATIONAL *Conference on*
BIOENGINEERING FOR HEALTH & ENVIRONMENT

09 OCTOBER 2025
MANIPAL UNIVERSITY COLLEGE MALAYSIA

Technical Session 1 – Faculty Oral Presentation (Physical)
Venue: Dato' Padmanaban Hall

S. No	Time slot	Abstract Number	Title & Presenters
1	1400-1410	OFP-01	Association between skeletal facial patterns and third molar impaction: a retrospective radiographic study among three major Asian ethnicities Manasa Anand Meundi, Jordan Low Qian Han, Sumithra Kumar, Voon Hou Yin, Visvam Rathinam, Ann Mary George, Htoo Htoo Kyaw Soe
2	1410-1420	OFP-02	<i>Marantodes pumilum</i> Var Alata (Kacip Fatimah) ameliorates derangement in RANK/RANKL/OPG pathway and reduces inflammation and oxidative stress in the bone of estrogen-deficient female rats with type-2 diabetes Kamarulzaman Karim, Nelli Giribabu, Naguib Salleh
3	1420-1430	OFP-03	Morphometric Analysis of Soft palate: Comparison of Need's ratio with Palatal Variants and Gender using Digital Lateral Cephalogram in normal individuals Preethy Mary Donald, Andrew Ng Jian Xing, Stephanie Lee Phei Wei, Ting Teck Jong
4	1430-1440	OFP-04	The attitude and practice regarding the use of rubber dam among dental practitioners in Southern Zone Malaysia Gopal Chandra Sanyal, Darielle Divya, Ratnesri Shekar, Nelson Raj, Ishvinder Singh
5	1440-1450	OFP-05	Assessment Of the Oral Health Behaviour, Knowledge and Status Among Patients Visiting Klinik Pergigian Manipal University College Malaysia (MUCM): A Cross- Sectional Study Mohammad Kashif Noorani, Nur Danish Mohamed, Rasleen Kaur, Sharveeta Ethya Kumar, Melwin Mathew, Htoo Htoo Kyaw Soe
6	1450-1500	OFP-06	Combination Therapy of 5-Fluorouracil and 4'-Bromoflavone Enhances Cytotoxicity Through Modulation of Apoptotic Genes in HCT-116 Colorectal Cancer Cells Puvanan Karunanithi, Ajantha Sinniah, Mohammed Abdullah Alshawsh
7	1500-1510	OFP-07	Knowledge, Attitude, Practice and Pain Perception of Patients Towards Orthodontic Treatment Attending Orthodontic Clinic in Manipal University College Malaysia (MUCM) – A Questionnaire Survey Carol Winnie Lobo, Sajetha Mohendran, Sarania Gunasekaran, Sarinia Jaya Sangar, Sharmin Sultana, Htoo Htoo Kyaw Soe
8	1510-1520	OFP-08	Molecular Detection of the <i>kdr</i> T917I Mutation in Human Head Lice: Evidence of Increasing Permethrin Resistance in Malaysia Aida Syafinaz Mokhtar, Adriana Zahanuddin, Yee Ling Lau
9	1520-1530	OFP-09	Mechanistic Insights into the Role of Vitamin D as a Key Modulator of Insulin Sensitivity Nurulmuna Mohd Ghozali, Giribabu Nelli, Naguib Salleh

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Technical Session 2 – Student Oral Presentation (Physical)
Venue: SCB-1-LT1

S. No	Time slot	Abstract Number	Title & Presenters
1	1400-1410	OSP-01	Drug Repurposing Through Molecular Docking: Identifying Novel Tyrosine Kinase Inhibitors Akshaya Narendhiran, Mahathi Thokala, Divakar Kalivarathan
2	1410-1420	OSP-02	Unlocking the Antidiabetic Potential of Anthraquinones: <i>In Silico</i> Docking Insights Against α -Amylase and α -Glucosidase Priyal, Ee Xin Sim, Diya Rajasekhar Chinta, Meemansha Malik, Chin Fei Chee, Yee Sim Tee, Theebaa Anasamy
3	1420-1430	OSP-03	A Hybrid Biosignal System for Accurate Pain Classification: A Review Tanusa.S, Sindu Divakaran
4	1430-1440	OSP-04	Biodegradable Nanorobot for Targeted Drug Delivery: A Futuristic Approach for Safer Cancer Therapy Pandravada Samarth Mihir, Mohammed Nafis Rasheed, Sindu Divakaran
5	1440-1450	OSP-05	Development of pH-Sensitive Biopolymer Film for Diabetic Wound Monitoring and Healing Prissha Jegadeeswaran, KarthikaShri Dhanasekaran, Praveen Nagarajan, Shamiha Shahul Hameed, Mano Akash Palavesakannan, T. Sudhakar
6	1450-1500	OSP-06	ECG Signal Analysis for Sleep Deprivation Diagnosis with Smart Non-Invasive Ventilation Bethanne J Janney. J, Angeline J, Maxwell Ryan Joshua, Aneeshwar. M
7	1500-1510	OSP-07	Fabrication of a Natural Polymer-based Adhesive Interface for ECG Diagnostics Arunalakshmi Paranthaman, Krithikesh Sathish Kumar, Santhosh Adikesavalu Sureshbabu, Keerthika Vendarasi, Harshini Rajendran, Sangeetha Priya Manoharan, T. Sudhakar
8	1510-1520	OSP-08	Hair Growth & Density Detection Comb Immanuel Ds, Premkumar E, Gokulraj R, Princy Sheeba S, T Sudhakar
9	1520-1530	OSP-09	Hyaluronic Acid-releasing Ocular Insert with Vitamin B12 for Dry Eyes and Post-lasik Therapy Divyadharshini Dhandabani, Giridharan Thalpathi, Dinesh Veera Karthick Jothivel Murugan, Laxmi Kanthi SG, Vaishnavi R.L, Mahendar Kakularam, T. Sudhakar
10	1530-1540	OSP-10	Integrated Assessment of Cognitive Alertness and Gait Stability: A Systemic Review Sharnisha. M, S. Krishnakumar
11	1540-1550	OSP-11	Next – Generation Surgical Instruments with Real Time Detection Aatiraa UR
12	1550-1600	OSP-12	Oral Revive Pectin Film (Targeted Healing and Localized Nutritional Support) R.S. Roshni, Basim. S, Hariharan. S, Laavanya. R.R, Meghashree. S, Neeraj Adidev, T. Sudhakar
13	1600-1610	OSP-13	Pro Fit Scanner - Precision that Fits, Anywhere Mohammed Shahid
14	1610-1620	OSP-14	Regeneration of Bone Using Piezoelectric Dental Implants Laxmaan Gajendiran, Kumudini. S, Keerthika. V, Ruba. T, Gayathri. V, Juvin Sakariah Mathew, T. Sudhakar

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Technical Session 3 - Student Oral Presentation (Physical)
Venue: SCB-1-LT2

S. No	Time slot	Abstract Number	Title & Presenters
1	1400-1410	OSP-15	Smart Aid AI Powered Hearing and Speech Assistance for Deaf and Mute KarthikaShri Dhanasekaran, Shamiha Shahul Hameed, Keerthana Manikandan, Divina Jane, Sindu Divakaran
2	1410-1420	OSP-16	Smart Dental Implant Coating: Chitosan–Gelatin Film with Curcumin, Clove, and pH-Sensing Antimicrobial Action Kavyaalagi M, Delber Bejads M, Sanjay Srinivas S, Jayalakshmi B, Krishna Kumar K, Renuga Parameshwari S, T Sudhakar
3	1420-1430	OSP-17	Triple Layer Biodegradable Patch for Seroma Prevention and Post Surgery Healing Princy Sheeba, Praveena V, Eshwari M, Madhan Kumar S, Praveen Chary S, T Sudhakar
4	1430-1440	OSP-18	Biodegradable Solar Panel Design: A Path to Accessible Renewable Energy in India Garv Singh, Suresh Darshan
5	1440-1450	OSP-19	Biopigments in Textiles and Nanotechnology Ezhilarassi B. R., Swathi N., Antony V Samrot, Nishanth B
6	1450-1500	OSP-20	Comparative Antibacterial Activities of Tender and Mature Leaves of Manilkara Zapota against Gram-Positive and Gram-Negative Bacteria Shreenidhi V, Ramanan K, Oishi Sen, Shalini Shree P, Raghul Rajah S, Inbathamizh L.
7	1500-1510	OSP-21	Comparative Effect of Potassium Humate on Edible Mushroom Cultivation in Tubular Solid State Fermentation vs. Conventional Method Shomas Kandhan D, Hariharan P, Prakash Pandurangan
8	1510-1520	OSP-22	CRISPR Technology: Transforming Therapeutics and Diagnostics in Precision Medicine Meera Josephine Linda, Suresh Darshan
9	1520-1530	OSP-23	Genomic Mutations and Proton Pumping Efficiency of Bacteriorhodopsin in Haloarcula SP. TMR2 isolated from the Indian Hypersaline Environment Steffy Joseph, Stanley Abraham L, Ragavender K, Thirugnanasambandam R, Selvamani R, Ramkumar M, Amritha C, Mirunalini G., Antony V. Samrot
10	1530-1540	OSP-24	Green Synthesized Spions for Drug Delivery Dharsani S., Madhumitha B.S., Sarah M.S, Umashankar V, Antony V Samrot
11	1540-1550	OSP-25	Growth Response of Hydroponic Microgreens to Rhizobium and Humic Acid Treatments Prajith SK, SD Jegan, Prakash Pandurangan
12	1550-1600	OSP-26	Gut-Targeted Microplastic Detox Using Activated Charcoal, Chitosan, Antioxidants and Probiotic Gummies Parameshwaran B, Isaivani J
13	1600-1610	OSP-27	Innovative Hydrogel Therapy Using Chicken Feather Keratin and Glycyrrhiza glabra Extract for Treating Ichthyosis Vulgaris M S Rohith, Dinesh Rajan, Swalakshana A.S., Isaivani J
14	1610-1620	OSP-28	Microbial Fuel Cells as a Dual Solution for Energy and Clean Water Emuri Shriniket, Prakash Pandurangan

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Technical Session 4 - Student Oral Presentation (Physical)

Venue: SCB-G-C2

S. No	Time slot	Abstract Number	Title & Presenters
1	1400-1410	OSP-29	Microbial Novel Peptides from Marine Environment Uncovered against Multidrug-Resistant Bacteria with Biomedical Significances Ramkumar M., L Stanley Abraham, R. Selvamani, Steffy joseph, S. Kumaralingam, Thirugnanasambandam R
2	1410-1420	OSP-30	Microwave-Assisted Extraction of Pectin from Decayed Citrus Waste: Evaluating the Effects of Decay Raghul Rajah S., Shreeja P., Durga Gomathi Arumuganainar, Deepa Lakshmi Ramesh, Prakash Pandurangan, Swetha Sunkar
3	1420-1430	OSP-31	Novel Chewing Gum Formulated with Betel Leaf and Sweet Lime Peel for Oral Biofilm Prevention and Dental Implant Protection Srinidhi Varadhrajan, Shanjana B, V. Sumitha
4	1430-1440	OSP-32	Pectin-Based Biopolymer Films: From Structural Properties to Smart Food Packaging Preetham Sai K, M. Bavanilatha, V. Ganesh Kumar
5	1440-1450	OSP-33	Production and Characterization of Humic Acid and Its Influence on Earthworms Sugirtha Purushothaman, Prakash Pandurangan, Asaph S, Erin Jemimah Jayakirubai J
6	1450-1500	OSP-34	Sustainable Energy Generation Through Prosopis Juliflora Biomass-based Briquettes Vijay S, Vasantharaj K
7	1500-1510	OSP-35	Synthesis and Characterization of Zinc Oxide Nanoparticles and Their Role in Enhancing Groundnut Growth Nallareddy Praneeth Kumar Reddy, Gorla Charan Teja Reddy, Jesia Preethi
8	1510-1520	OSP-36	The Carbapenamase producing Enterobacteriaceae from Clinical and Environmental Settings Sanjana. M, Vishnu Priya. KS
9	1520-1530	OSP-37	Reuse of Bathroom and Reverse Osmosis Membrane Wastewater with Economical Water Filter Kavi Praba, Arvind Balaji, T S Raghav, P Yabesh
10	1530-1540	OSP-38	Evaluating the Pioneering Cardiovascular Effects of Trigonelline: A Natural Alkaloid with Emerging Therapeutic Potential Harjot Singh, Felix Tan Yee Shuen, Sherly Deborah George
11	1540-1550	OSP-39	Selection of microRNA-based markers for early detection of lung cancer Shipra Kunwar, Kamesh R. Babu
12	1550-1600	OSP-40	Aspirin Re-Modification as a Multitarget Candidate for Broad-Spectrum Neurodegenerative Diseases: An <i>In Silico</i> Study Kailash S, Gokulavani L, Pandi Prabha S
13	1600-1610	OSP-41	Decoding the Antidiabetic Potential of Essential Oils: Phytochemical Profiling and Enzyme Inhibition of <i>Zingiber officinale</i> and <i>Cymbopogon nardus</i> Shu Qing Teoh, Siaw Fui Kiew, Shun Qi Kok, Elizza Ann James, Zhong Jie Lee, Privytha Goobi, Chin Siang Kue, Theebaa Anasamy
14	1610-1620	OSP-42	Pros and Cons of Artificial Intelligence in Medical Education: A Review Tasnia Faizun Ahmed, Sherly Deborah George
15	1620-1630	OSP-43	<i>In Silico</i> Evaluation of Plant-Derived Phytochemicals and Phytopeptides as Potential Antimicrobial Agents Guhan Kallapiran, Dharshene K, Nakkeeran Ekambaram, Divakar Kalivarathan

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Technical Session 5 - Faculty Oral Presentation (Virtual)
Venue: Meeting Room 1, Ground Floor, Admin Building

S. No	Time slot	Abstract Number	Title & Presenters
1	1400-1410	OFV-10	Computational Network Pharmacology-Driven Evaluation of <i>Eladhi Chooranam</i> for Multi-Target Therapeutics <i>Rizwan Ahamed Najimudeen, Priya Dharshini Anbalagan, Aarthi Raghu, Josna Wilson, Inbathamizh L</i>
2	1410-1420	OFV-11	Beyond the Cells: Advancing Cartilage Tissue Engineering through Integrated Therapies <i>Amira Raudhah Abdullah, Nurul Atiqah Zulazmi, Nur Nabilah Abu Bakar, Nadia Mohd Effendy, Hazim Arief</i>
3	1420-1430	OFV-12	Degradation of Disposable Diaper Using Consortium of Isolated Soil Microbes <i>Deepa G Muricken</i>
4	1430-1440	OFV-13	Evaluation of antibacterial efficacy of <i>Mangifera indica</i> leaf extract against biofilm forming bacteria from dental plaque <i>Mabel Merlen Jacob, Sreekutty C C</i>
5	1440-1450	OFV-14	Prodigiosin from <i>Serratia nematodiphila</i> : Optimization of Production and In Vitro Evaluation of Its Antimicrobial, Anticancer, Antioxidant, and Anti-inflammatory Potential <i>Dhanya KC, Shahina M H, Nandana Nath PG, Thasneem AS</i>
6	1450-1500	OFV-15	Synergistic Antifungal and Antibiofilm Efficacy of Amino-Functionalized Mesoporous Silica Conjugated with Photosensitizer against Multidrug-Resistant <i>Candida</i> Species <i>Asha P Antony, Siddhardha Busi</i>
7	1500-1510	OFV-16	Effectiveness of eye care bundle on selected eye problems among the non-teaching staff. <i>G Vijayalakshmi, Rashmi A, Aiswarya Raju, Chithra A, Gangothriks, Sandra Sabu, Sharu Elsa Manoj, SherinVarghese, Sona Biju, Sreelakshmi S.</i>
8	1510-1520	OFV-17	Effectiveness of Video-Based Early Post-Operative Oral Exercises to Improve the Swallowing Functions among Patients with Oral Cancer. <i>Rashmi A</i>
9	1520-1530	OFV-18	Reviving Strength: Ayurveda in Modern Sports Medicine <i>Anu D Alappat</i>
10	1530-1540	OFV-19	A comparative study to determine the periodontal health status in preeclamptic (PE) women in comparison to normotensive pregnant women (NP) with and without periodontitis (PI). <i>Poulomi Banik, Balaji K., Kalyani R., Venkateshu K.V.</i>
11	1540-1550	OFV-20	Cognitive Impairment and Diabetic Retinopathy in South Indian Type 2 Diabetes Mellitus Patients: A Comparative Study <i>Inchara N, Sangeetha T, Posina Sri Satviki</i>
12	1550-1600	OFV-21	Correlation of Diabetic Retinopathy with Myocardial Remodeling and Quality of Life in Type II Diabetes Mellitus Patients <i>Sangeetha. T, Yashwanth. A, Anunitha Rayapuraju</i>
13	1600-1610	OFV-22	Isolation of bacteriocin from Lactic acid bacteria and analysis of antimicrobial activity <i>Greeshma PV</i>
14	1610-1620	OFV-23	Silver Zeolite: A Microbial Sieve – A study to evaluate the mechanical and chemical properties of heat cure denture base resins after incorporation of different percentages of Silver Zeolite <i>Silpa Madhuri Chikkala, Aashi Chawla, Ranganath Jingade</i>

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Technical Session 6 – Young Scientist Award (Physical)
Venue: Dato' Padmanaban Hall

S. No	Time slot	Abstract Number	Title & Presenters
1	1100-1110	YSA-01	Construction of Human Norovirus Virus-like Particle: Variations and Challenges Mizanurfakhri Ghazali, Sharaniza Ab-Rahim, Mudiana Muhamad
2	1110-1120	YSA-02	Evaluating the Free Radical Scavenging and Anti-Proliferative Effects of <i>Alternanthera ficoidea</i> Extract Infanta Michael, Sowmiya, Shana Balachandran, Madan Kumar Arumugam
3	1120-1130	YSA-03	Isolation, Structural Characterization, and Anticancer Evaluation of Polysaccharides from <i>Artocarpus heterophyllus</i> Against Hepatocellular Carcinoma Yuvarani Muthuraman, Uma Maheswari Venkatesan, Shana Balachandran, Jaya Prakash, Aathira, Madan Kumar Arumugam
4	1130-1140	YSA-04	Metagenomic Analysis, <i>In Silico</i> Designing and <i>In Vitro</i> Evaluation of Potent Inhibitors to Combat Antibiotic Resistance in ESKAPE Pathogens Divakar Kalivarathan
5	1140-1150	YSA-05	Toxicological Assessment of Cyclic Dipeptide Cyclo(Pro-Tyr) in Preclinical models: Linking Oxidative Stress to Developmental and Organ Toxicity Shana Balachandran, Madan Kumar Arumugam
6	1150-1200	YSA-06	Waste derived cellulose and chitosan for environmental remediation, food technology, drug delivery and green energy production Kalpana Shree S., Mangayer karasi GD, Murugeswari M., Nakkeeran Ekambaram, Antony V Samrot
7	1200-1210	YSA-07	From Sea to Skin: Evidence-Based Insights into Marine Cosmeceuticals Karthigadevi Guruviah
8	1210-1220	YSA-08	Development for early detection kit for identification of artemisinin resistant <i>Plasmodium falciparum</i> Sabyasachi Das, Bhaskar Saha, Amiya Kumar Hati
9	1220-1230	YSA-09	Establishing a Zebrafish Model of Parkinson's Disease: Behavioral and Oxidative Stress Evidence of Gut-Brain Axis Involvement Thenmoly Damodaran, Nurul Syahirah Sayudi, Sharran Raja, Dhanveer Ahamed Bathurutheen
10	1230-1240	YSA-10	Nanoemulsified Lemon Myrtle Essential Oil: An Effective Green Larvicide against <i>Aedes aegypti</i> Ab Khalim Nurul Syafiqahizzati, Shirley Gee Hoon Tang, Hidayatulfathi Othman, Shiow Fern Ng, Siaw Kim Chua, Azlan Kamari, Sharifah Nur Shahirah binti Syed Abdul Hamid, Mohd Ridzuan bin Janudin, Heshu Sulaiman Rahman
11	1240-1250	YSA-11	Evaluation of the Senolytic Potential of Phenolic-Rich Extract of <i>Moringa Oleifera</i> Leaves in an <i>In Vitro</i> Alzheimer's Disease Model Nur Irlia Sofea Mohammad Zamani, Ikuo Tooyama, Daijiro Yanagisawa, Muhammad Zulfiqah Sadikan, Hamizah Shahirah Hamezah, Ahmed Mediani, Tatiyana Mandal, Muhammad Khusni Ahmat Amin, Faidruz Azura Jam

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Technical Session 7 – Faculty Poster Presentation (Physical and Virtual)
Venue: SCB-1-LT1

S. No	Time slot	Abstract Number	Title & Presenters
1	1100-1110	PFP-01	Unlocking Developmental Stage-Specific Therapeutic Profiles of Moringa oleifera Leaves through Integrated Metabolomics Faidruz Azura Jam, Ummi Kalthum Azlan, Norazlan Mohmad Misnan, Maimunah Ropar, Emelda Rosseleena Rohani, Ahmed Mediani, Hamizah Shahirah Hamezah
2	1110-1120	PFP-02	Biomaterials in Dentistry: An Overview Ravi Gupta
3	1120-1130	PFP-03	Health Science Perspective on Occlusion and Smile Line Awareness: Impact on Confidence Level Nurul S.A.S, Tan, P.W., Tang, H.Y., Teh, M.X., Teh, S.A.
4	1130-1140	PFP-04	Computational Pathology – Transforming Diagnosis Through Machine Learning And AI Tejashwini Kotian
5	1140-1150	PFP-05	Mixing or mating: Success key for protection against Covid-19 infection following Boosters administration in Malaysia Sabyasachi Das, Varadarajan Ashwathy, Prabhu Rekha, Prabhu Girish
6	1150-1200	PFV-06	Liquid Waste Management: Role of Blood Centre Subhashis Das, Chalapathy M
7	1200-1210	PFV-07	Chronically Inflamed, Quietly Malignant: An Unusual Renal Tale – A Rare Case Report Parvej Singh, Kalyani R.
8	1210-1220	PFV-08	Unveiling Gender Variations in Skull Bone Thickness in Epilepsy: A 3D CT Scan Study Rajesh Thangarajan, Mohammed Shahjahan Kabir, Lubna Shirin
9	1220-1230	PFV-09	Vitamin E Supplementation and Glycaemic Control in Diabetic Rats: A Systematic Review and Meta-Analysis Sarah Balqis Binti Muhamad Rosdi, Muhamad Rosdi, Nor Zamzila Abdullah, Sanda Aung

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Technical Session 8 – Student Poster Presentation (Physical and Virtual)
Venue: SCB-1-LT2

S. No	Time slot	Abstract Number	Title & Presenters
1	1030-1040	PSP-01	Cheminformatics-Guided Profiling of Anthraquinone Derivatives: Insights into Drug-Likeness, ADME, and Toxicity Meemansha Malik, Ee Xin Sim, Diya Rajasekhar Chinta, Priyal, Chin Fei Chee, Yee Sim Tee, Theebaa Anasamy
2	1040-1050	PSP-02	Application of bioderived pigments in textile dyeing and bioremediation. Vijaiyamalika S, Antony V Samrot, Vinibha Illankovan, R Deepthi
3	1050-1100	PSP-03	Artificial Intelligence in Drug Discovery and Development: A Comprehensive Review Nishanth Muthuraj
4	1100-1110	PSP-04	Herbal-Infused Sodium Alginate Nasal Strips with Customized Formulations Jefina Giftlin J, Dhaarani Aishwarya Mahendran, K. Divakar
5	1110-1120	PSP-05	Prevalence and Predictors of Internet Gaming Disorder in the Adolescent and Adult Population of Malaysia Elizza Ann James, Tan Jun Wei, Tharmaraj Vallaiathamlingam, Hemaavathie Sivakumar, Priyadashini Ramadas, Minoo Pothen, Mila Nu Nu Htay, Soe Moe
6	1120-1130	PSP-06	ProviSphere: Integrating Fish Protein Isolate and Indigenous Ingredients for Resilient Nutrition Nandhakumaran S, Vasantharaj K
7	1130-1140	PSV-07	The Efficacy of Curry Leaf (<i>Murraya koenigii</i>) on Glycaemic Control in Diabetic Rats: A Systematic Review and Meta-Analysis Siti Sarah binti Kushairi Rahman, Nor Zamzila Abdullah, Sanda Aung
8	1140-1150	PSV-08	The Neuroblastic Dichotomy: A Case Study Of Malignant And Benign Outcomes K. Hari Krishna, Sneha Kulkarni, Abhay K Kattepur
9	1150-1200	PSV-09	Investigation of paternity testing for six Iraqi families with missing fathers using Sanger sequencing Israa AbdulSattar Ali, Faridah Mohd Nor, Nur Najmi Mohamad Anuar, Dhuha Salim Namaa, Siti Fathiah Masre
10	1200-1210	PSV-10	A Case of Severe Rare Faciomaxillary Trauma Managed in a Peripheral Hospital Sejal Sai Sree, Prakash Dave
11	1210-1220	PSV-11	Antidiabetic Potential of Green Chiretta (<i>Andrographis paniculata</i>): A Systematic Review and Meta-analysis of Experimental Studies Muhammad Fareez Mohd Asri, Norlelawati A.Talib, Sanda Aung
12	1220-1230	PSV-12	Breath of Challenge - Pulmonary Synovial Sarcoma Brij Mohan Rao, Disha Kakkar
13	1230-1240	PSV-13	Dual Tale of a single tumour: Renal Angiomyolipoma - Case reports Deepika C, Shilpa MD

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Technical Session 9 - Student Oral Presentation (Virtual)
Venue: SCB-G-C2

S. No	Time slot	Abstract Number	Title & Presenters
1	1030-1040	OSV-44	Phytosterols as Potential Therapeutics in Modulating Human Female Reproductive Health <i>Rizwan Ahamed Najimudeen, Josna Wilson, Priya Dharshini Anbalagan, Inbathamizh L</i>
2	1040-1050	OSV-45	Computational Exploration and Structural Modeling of Microbial Creatinase for Therapeutic Application in Humans Ramya Keerthi Yennamsetti, Manisha Koyimadatha, Mahalakshmi R
3	1050-1100	OSV-46	Network Pharmacology-Based Investigation of <i>Smilax china</i> as a Multi-Target Therapeutic Candidate for Autism Spectrum Disorder Rizwan Ahamed Najimudeen, Faiyasdeen Mujeebdeen, Samhita Ganugula
4	1100-1110	OSV-47	TuberDock: A Web-Based Platform for Machine Learning-Driven QSAR Modeling and pIC50 Prediction for Mycobacterium Tuberculosis Treatment Sohith Reddy, Sugapriya Dhanasekaran
5	1110-1120	OSV-48	Designing of novel bacterial consortium for sustainable degradation of petroleum hydrocarbons Ruveena TN, Mannivannan A, Luciya Davis, Liyana Manaf
6	1120-1130	OSV-49	Larvicidal and Biopotential Activity of <i>Bacillus Thuringiensis</i> from Soil Against Mosquito Larvae Afrah
7	1130-1140	OSV-50	Smart Bioshield: A Sustainable Wall Proofing Solution Against Fungi and Termites Sanha V Salahudheen, Deepa G Muricken
8	1140-1150	OSV-51	Novel Microalgal Fuel Cell System for Sustainable Dairy Wastewater Treatment, Bio-electricity Generation, and Nutrient Recovery Disha Kakkar, Jayyant Kakkar
9	1150-1200	OSV-52	A Comparative Study on the Bactericidal Properties of Metallic and Polymeric Vessels on Potable Water Storage Elizabeth P Thomas, Adithya J B, Angelin Rony, Anupama K P, Arathi T S, Archana C S, Asiya P A, Nisy
10	1200-1210	OSV-53	Ayurvedic Insights into Nigella Seeds: Molecular and Phytochemical Exploration of Their Antioxidant and Antibacterial Potentials Ariya Manoj

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Technical Session 10 - Student Oral Presentation (Virtual)
Venue: Meeting Room 1, Ground Floor, Admin Building

S. No	Time slot	Abstract Number	Title & Presenters
1	1030-1040	OSV-54	Dietary Exposure to Acrylamide from Traditional Indian Snacks: Assessment Using Analytical and Exposure Modelling Approach Linekha Radhakrishnan, Nakkeeran Ekambaram
2	1040-1050	OSV-55	In Vitro Assessment of Efficacy and Safety of Prodigiosin as a Multi-functional Ingredient for Use in Cosmetic Formulations Anakha, Shahina M H, Nandana Nath PG, Thasneem AS, Dhanya KC
3	1050-1100	OSV-56	Isolation, Identification, and Optimized Production of Prodigiosin from a Novel Strain of <i>Serratia nematodiphila</i> Using Cost-Effective Substrates Shifa, Shahina M H, Nandana Nath PG, Thasneem AS, Dhanya KC
4	1100-1110	OSV-57	Augmentation of Phytochemical from Ultrasound-Assisted Ethanolic Extraction of <i>Piper sarmentosum</i> for enhanced Therapeutic Potential Panya Rekhi, Svetha Ravindran, Abarna Ramanathan, Kannan Marikani, Sugapriya Dhanasekaran
5	1110-1120	OSV-58	Comparatively Study of The Antimicrobial Properties of <i>Nerium oleander</i> L. Leaf and Flower extract Nakshathra M.B, Vipin P Sivaram
6	1120-1130	OSV-59	Importance of Reflective Writing for Year 1 MBBS Students Emma Mariam Sam, Ishita Sinha, Sherly Deborah George
7	1130-1140	OSV-60	Morphological Spectrum of variations in liver: A Comprehensive Observation into Accessory Lobe and fissures. Sona S Kumar, Poulomi Banik
8	1140-1150	OSV-61	Optical Coherence Tomography Angiography of Retinal Microvasculature in Diabetic Eyes Without Retinopathy Undergoing Cataract Surgery: A Prospective Observational Study Harshitha C, Yeddula Venkata Rohith Reddy, Sangeetha T
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