

SocialTech2025: The 7th International Conference on Healthcare, SDGs, and Social Business & SocialTech Summit
October 2-4, 2025
Hiroshima University, Japan and Online
www.conf.socialtech.global

Day 1: October 2, 2025 (Thursday)

Time	Session		Session Chair/Key Persons	
14:50-16:20	[D1S3P1] Paper Presentations [Room: 1F (Big Room)] Zoom: https://us02web.zoom.us/j/84272337920?pwd=tdLMOfoL7UI9K8cqVDtblsV9fSYeft.1		Dr. Mohammad Zahirul Islam	
	Paper ID	Author	Title	Presenter
	4	Daniel Durai Raj Cromwel Thomas	Empowering Healthcare with Dynamic Control: A Strategic Framework for Personal Health Record Management	Daniel Durai Raj Cromwel Thomas (Online)
	7	Abdullah Al Noman, Mohamed Mehfood Bouh, Md Jobayer Hossain Chowdhury, Syed Usama Hussain Shah Bukhari, Prajat Paul and Ashir Ahmed	Toward Non-Invasive Monitoring of Blood Parameters: A Proposed Model for Platelet Count Estimation	Abdullah Al Noman (In-Person)
	11	Supalak Kaewthong, Tum Boonrod and Witchada Simla	The effect of health care zone for managing Diabetic Complications Among the Elderly in Southern Thailand (A Spatial Mapping Study)	Supalak Kaewthong (In-Person)
	39	Prajat Paul, Mohamed Mehfood Bouh and Ashir Ahmed	Comparative Analysis of Prompting Strategies for ASR Correction in Low-Resource Languages Using Large Language Models	Prajat Paul (In-Person)
	43	Md Mahmudur Rahman, Mst Rehena Akter, Dr Rafiqul Islam, Md Salah Uddin Khokon and Dr Ashir Ahmed	Expanding Access to Rural Eyecare Through Telemedicine using Portable Health Clinic: A Case Study from Bangladesh	Md Mahmudur Rahman (Online)
16:40-18:10	[D1S4P1] Poster Presentations (Online) [Room: 1F (Big Room)] Zoom: https://us02web.zoom.us/j/89185623546?pwd=ZpdpnJep6lv5hB2niGE2Z0u9ZaDs04.1		Dr. Mohammod Jobayer Chisti	
	Paper ID	Authors	Title	Presenter
	2	Joonho Byun and Siwoo Byun	School Zone Object Detection Using Deep Learning For Child Safety	Joonho Byun
	12	Manan Vinod Shah, Usama Bukhari, Jobayer Hossain Chowdhury and Ashir Ahmed	Text-Derived Knowledge Graphs for Decision Support in Medication Recommendation: A Conceptual Framework	Manan Vinod Shah
	24	Bilkis Banu, Nasrin Akter and Fatema Ashraf	Gestational Diabetes in Bangladesh: A Multi-Stakeholder Perspective on Self-Management and Challenges	Bilkis Banu (In-Person)
	16	Rosmia Majumder, Abdullah Al Noman and Ashir Ahmed	A Proposed Social Business Model Linking University Food Sales to Rural School Nutrition	Rosmia Majumder
	19	Chandana Rani Halder, Fahima Khatun, Dipali Rani Mallick and Ferdous Jahan	Knowledge Towards Prevention of Sexually Transmitted Infections Among College Students in Bangladesh	Chandana Rano Halder
	21	Habiba Khanom, Liton Baroi and Aysha Sultana Luvna	An Assessment of the Knowledge and Practices Concerning Routine Medical Checkups Among Adults' People at Kushtia Housing Community Area	Habiba Khanom

Day 2: October 3, 2025 (Friday)

	[D2S2P1] Poster Presentations (In-Person) [Room: 1F (Big Room)]		Dr. Mohammad Zahirul Islam	
	Paper ID	Authors	Title	Presenter
	1	Siwoo Byun and Joonho Byun	AI-based Detection Model for IoT Water-related Facility Management	Siwoo Byun
	5	Lee Lee Than and Sixuan Xing	Determinants of Healthcare Supply Chain Efficiency: Evidence from China Provinces Panel Data	Lee Lee Than
	8	Chanakarn Noonduang, Dusanee Suwankhong and Kusumarn Noipha	Development of a continuity of care model based on Thai traditional medicine for stroke patients in rural community southern Thailand	Chanakarn Noonduang
	10	Mst. Nilufar Yesmen, Md. Matiur Rahman, Rita Rani Paul, Md. Sabbir Hassan, Saraboni Islam and Md. Kaoser Bin Siddique	Status of Elderly People Attending at Old Age Home in Bogura: A Cross-Sectional Study in Bangladesh	Mst. Nilufar Yesmen

9:00-10:30	13	Syed Usama Hussain Shah Bukhari, Shah Manan Vinod, Md Jobayer Hossain Chowdhury, Abdullah Al Noman and Ashir Ahmed	Explainable AI for Personalized Triage: Health Screening Data	Syed Usama Hussain Shah Bukhari
	14	Tasnim Zarin, Md Jiaur Rahman, Dorkasi Mwakawanga and Yoko Shimpuku	Epidemiology and contributing factors of antenatal depression among mothers living in Tanzania	Tasnim Zarin
	15	Md Jobayer Hossain Chowdhury, Syed Usama Hussain Shah Bukhari, Manan Vinod Shah, Mohamed Mehfoud Bouh, Abdullah Al Noman and Ashir Ahmed	Predictive Digital Twin for Early NCD Prevention: A Personalized Predictive Avatar Framework Using EHR Data	Md Jobayer Hossain Chowdhury
	17	Mohamed Mehfoud Bouh, Prajat Paul, Abdullah Al Noman and Ashir Ahmed	Medical Reports Classification Using Vision Models: Development and Validation	Mohamed Mehfoud Bouh
	22	Saruul Gankhuyag, Odgerel Chimed-Ochir, Tsetsegee Sambuu, Feiyu Hu and Kubo Tatsuhiko	Exploring the Causes of Suicide Attempts in Mongolia: A Surveillance-Based Analysis	Saruul Gankhuyag
	23	Bilkis Banu, Nasrin Akter and Nusrat Hossain Sheba	Role of Smartphone Application-Based Telehealth Technology in Diabetes Management: Evidence from a Randomized Trial in Bangladesh	Bilkis Banu
	25	Sayed Shirina, Bilkis Banu, Nasrin Akter and Sarder Mahmud Hossain	Infection control measures concerning knowledge and behavior among Bangladeshi Dental professionals: prevision contrast to reality	Sayed Shirina
	26	Prity Islam, Bilkis Banu, Nasrin Akter and Sarder Mahmud Hossain	Service seeking knowledge and behavior towards safe dental care among Bangladeshi patients	Prity Islam
	27	Rafath Farah Rashid, Bilkis Banu and Nasrin Akter	Exploring tobacco expenditure corresponds to pivotal attributes of Bangladeshi rickshaw pullers: Insights from a cross-sectional study	Rafath Farah Rashid
	30	Pimpisa Chuayjan, Dusanee Suwankhong and Chamnan Chinnasee	Prevalence of falls in elderly in Thailand	Pimpisa Chuayjan
	32	Raisa Tasneem and Asma Begum	Assessment of Patients Suffering from Lung-Related Difficulties Due to Post COVID-19 in Dhaka City, Bangladesh	Raisa Tasneem
	34	Dewie Sulistyorini and Sadia A. Alam	Effectiveness of a health education program in increasing the confidentiality of health cadres in Indonesia	Dewie Sulistyorini
	35	Nasrin Akter, Bilkis Banu, Sarder Mahmud Hossain, Md. Rifat Uddin, Nadia Nusreen and Tanjamul Refat	Insights of unsafe sound exposure among the motor vehicle Drivers of Dhaka city, Bangladesh	Nasrin Akter
	40	Israth Jahan Tama, Mayumi Kako, Md Moshir Rahman, Dr. Bilkis Banu, Md Jiaur Rahman, Md Jowel Rana and Hitoshi Okamura	Preliminary Report on the Impact of a Mobile-Based Telenutrition Education Program on Enhancing Knowledge Among Rural Adolescent Girls in Bangladesh: A Quasi-Experimental Study	Israth Jahan Tama

Day 3: October 4, 2025 (Saturday)

13:00-14:30	[D3S3P1] Poster Presentations [Room: 1F (Big Room)] Zoom: https://us02web.zoom.us/j/88044672792?pwd=ipxB6lbnUUTrlqJhR3ONW1KdGERY0N.1			
	Paper ID	Authors	Title	Presenter
	29	Joynal Abedin Khan, Dr. Nasrin Akter and Prof.Dr.Sarder Mahmud Hossain	Exploring risk factors associated with oral cancer among adult population of Bangladesh	Joynal Abedin Khan
	33	Nasrin Akter, Farhana Faruque, Bilkis Banu and Sarder Mahmud Hossain	Predictors Linked to Poor Quality of Life in Hypertensive Patients of Bangladesh: A Cross-Sectional Study	Nasrin Akter (In-Person)
	36	Md.Feroz Amin Patwary, Dr.Nasrin Akter and Prof. Dr. Sarder Mahmud Hossain	Distribution of gingivitis among the patients reporting to few selected dental clinics in Noakhali district of Bangladesh	Md.Feroz Amin Patwary
	41	Sajal Sarkar and Dr. Nasrin Akter	Distribution and determinants of iron deficiency anemia among school-going adolescent girls residing in some selected communities of the southeastern region, Bangladesh	Sajal Sarkar
	45	Mohammad Bilal Firoz and Ashir Ahmed	Persona based synthetic data generation for training GPT applications	Mohammad Bilal Firoz
	47	Ferdousi Sultana, Mohiuddin Hussain Khan and Syeda Masuma Siddiqua	Anxiety and Academic Performance among Private Medical College Students	Ferdousi Sultana