## **Jurnal Teknokes**

Volume 15, Issue 2, June 2022

## List of Content

All articles in this issue include authors from 3 universities in INDONESIA(Department of Medical Laboratory Technology Poltekkes Kemenkes Surabaya; Department of Medical Electronics Technology, Poltekkes Kemenkes Surabaya) and universities from other countries (Sikkim Manipal University, Tadong, Gangtok, Sikkim, INDIA; University of Kalyani, Kalyani, Nadia, West Bengal, INDIA; Department of Biochemistry, Sokoto State University, Sokoto, NIGERIA; Department of Biology, Shehu Shagari College of Education, Sokoto, NIGERIA; Sultan Abdulrahman College of Health Technology Gwadabawa, Sokoto State NIGERIA; Faculty of Integrated Technologies, Universiti Brunei Darussalam, BRUNEI DARUSSALAM; IIMT College of Engineering, Greater Noida, INDIA; Department of Electronics & Communication Engineering, Institute of Technology & Management, Gorakhpur, INDIA; Mohaghegh Ardabili University, Ardabili, IRAN).

## Non-Body Contact Thermometer with Voice Output Via Wireless Communication

Moch Prastawa Assalim Tetra Putra, Levana Forra Wakidi, Tri Bowo Indrato, Ram Gopal, Anita Nurliana 96-102

Nine Channels Temperature Data Logger Design for Dry Sterilizer Calibration		
Syaifudin Syaifudin, Dyah Titisari, Tanuj Kumar	88-95	
Development of Cardiac Monitor Through Carotid Pulse, Phonocardiography and Electrocardiogr	aphy	
Wahy Caesarendra, Her Gumiwang Ariswati, Amalia Rizki Masnulula, Nashucha Mutiara Firdaus	81-87	
ECG Simulator Based on Microcontroller Equipped with Arrhythmia Signal		
M. Ridha Mak'ruf, Andjar Pudji, Bedjo Utomo, I Dewa Gede Hari Wisana, Torib Hamzah, Lamidi Lamidi, I	Denis	
Kurniar Wicaksono, Sedigheh Ashgari Baighout	103-109	
Design of Wet Media Digital Thermometer Calibrator Based on ATmega328p		
Dyah Titisari, Syaifudin Syaifudin, Yoga Prabowo	110-116	

Infant Warmer with Digital Scales for Auto Adjustment PID Control Parameters		
Anita Miftahul Maghfiroh, Farid Amrinsani, Singgih Yudha Setiawan, Rafi Maulana Firmansyah, Shubhro	jit Misra 117-123	
Spectro-analytical Research of Selected Heavy Metals (Cu, Cd, Cr, and Pb) in Four Different Single-use Plastics Commonly in Contact with Food from Sokoto, Nigeria		
Umar A.I., Yusuf Sarkingobir, Dikko M.	76-80	
Durio Zibethinus Murr. Peel and Zeolite In Reducing the Hardness of Water		
Sri Poerwati, Siti Nabila Namiroh, Mujiyono Mujiyono	124-128	
Therapeutic and clinical propositions of Mesenchymal Stem Cells(MSCs) focusing on recent trial updates		
Sneha Chaklader, Shamayita Basu	58-68	
Differences In Cadmium (Cd) Levels In The Blood of Active Smokers And Passive Smokers With Type 2 Diabetic In Puskesmas Kedungdoro Surabaya		
Christ Kartika Rahayuningsih, Devi Puspitasari, Ayu Puspitasari	69-75	
Accredited by Ministry of Education, Culture, Research, and Technology, Indonesia		