

CONTENTS

1. Applications of IoT in Healthcare Sector	1
<i>Divya Singla, Kamna Billus, Arti & Meenakshi Sharma</i>	
2. Minimum Noise during Wave Mixing Spectroscopy in High Order Susceptibility materials	6
<i>Jawahar Lal</i>	
3. Phononic Thermal Transport in Alloyed Nanowires of Gold and Silver	12
<i>Krishan Kumar, Sushil Kumar and R.K. Moudgil</i>	
4. Mobile Phone Augmented Reality for Physics Experiments	18
<i>Amit Kumar Sharma, Prem Singh and Rajinder Singh</i>	
5. Role of Information Technology in Medical Sciences	24
<i>Anwasha, Yashna Bawa, Richa Sangwan</i>	
6. Student Interaction, Teacher Competence and Technology in Online Learning	31
<i>Tanvi Dua, Swati Bhardwaj, Manu Gupta</i>	
7. Computer-aided Drug Design	37
<i>Dr. Gulshan Singh, Dr. Suman Kumari & Dr. Jai Pal</i>	
8 Study of Rayleigh Scattering Cross-Sections for 40 keV Photons at Large Angle	43
<i>Prem Singh, Amit Kumar Sharma and Prerna Garg</i>	
9. Removal of effluents (BOD, COD, TSS, TN, TP, FC) by using various treatment technologies	52
<i>Manjula Spah, Reena Malik, Pooja Jain</i>	
10. Role of Electronics in Medical Industry & its Growth in Pandemic Covid -19	65
<i>Arti, Neha Dobriyal, Om Chhabra</i>	
11. Role of IT in Innovation of Medical Technology	69
<i>Shaina Arora, Shikha Verma, Minakshi Gupta</i>	
12. Usage of Mathematical tools in Covid-19	74
<i>Yashpreet Kaur, Manisha, Chirag Oberoi</i>	
13. A Survey of Online Mathematics Learning during Pandemic- Opportunities and Challenges	80
<i>Dr Rajni Gupta, Babita Bist</i>	
14. Curative Climbers in the Adi-Badri Region of Bilaspur Block, District YamunaNagar, Haryana (India)	86
<i>Sumit Chhibber, Sheesh Pal Singh, Divya Jain</i>	
15. Mathematical Tools used in Current pandemic crisis	96
<i>Shivani Nijhawan, Naveen Gulati, Deepak Kumar</i>	
16. Role of Science and Technology To Combat COVID-19	101
<i>Arzoo Tanwar, Zeenat Madan</i>	