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E-Mail:- ijemmr2395@gmail.com

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Paper Title	<i>Review on A Smart Monitoring and Controlling of IOT based Intravenous Infusion System</i>
Authors & Affiliation	<i>“Shriddha Shrivastava(corresponding author)”, Dr.Rakesh Singh Rajput PhD Scholar, Professor, LNCTU Bhopal India Shra0606@gmail.com,rakeshrajput@rediffmail.com</i>
Abstract & Keyword	ABSTRACT The world's population is growing daily, and as a result, so are people's need for health care. Clinical care has advanced rapidly in recent years in a number of sectors; including computers, embedded systems, and the Internet of Things, all of which help patients regain their health more quickly. Using of engineering technology in medicine has led to a significant advancement in the Medical health care system in recent years. For a number of patient disorders, intravenous treatment is a frequently used therapeutic approach. A medical procedure known as intravenous (IV) infusion therapy involves putting fluids, drugs, or nutrients straight into a patient's vein and into their bloodstream. Therapy is an intrusive process with certain Points. Presently, in hospitals, when a patient receives an intravenous drip, it requires monitoring by a hospital staffs. If the IV drip container's fluid level drops below a predetermined level, there's a risk of air entering the patient's bloodstream, potentially leading to adverse effects. It is necessary to continuously monitoring by the hospital staff. This review presents the various smart monitoring intravenous infusion systems recently used. This survey covers different Smart and IOT based Intravenous Infusion Dosing Monitoring and Controlling System. The highlighted insights from this review aim to catalyze heightened emphasis on IV infusion monitoring and controlling system for applications across healthcare sectors. Keywords: Smart IV infusion system-drip sensing, flow controller, Ultrasonic sensor HC-SR04 GSM, Internet of things (IOT),
Paper Download Link	https://ijemmr.co.in/wp-content/uploads/2025/08/IJEMMR_July_25_Shriddha-Shrivastava.pdf
Paper Title	PERFORMANCE ANALYSIS AND APPLICATION OF 5G MICROSTRIPS PATCH ANTENNA
Authors & Affiliation	Mr. Amrish Kumar Singh 1 Phd scholar Rabindranath Tagore University, Bhopal Dr. Sanjeev Kumar Gupta 2 Professor Rabindranath Tagore University, Bhopal

Abstract & Keyword	This paper presents a 2x2 microstrip antenna array for C-band 5G hotspot applications. Simulation results are presented and discussed. The proposed antenna structure is simple and compact, with approximate dimensions of 32 x 32.2 x 1.6 mm³. The compact size of the designed antenna facilitates its integration into small devices. The results show that the bandwidth covers the C band (4-8 GHz) at a center frequency of 6.9 GHz, with an SWR less than 2 and an S11 less than -10 dB. The final results meet all the parameters of a high-performance antenna. The designed antenna operates efficiently under all conditions, with low return loss and adequate impedance matching. The proposed antenna achieves a return loss of -18.34 dB, compared to -16.899 dB for the previous one. The optimized bandwidth is 903.73 MHz, compared to 150 MHz for the previous one. Therefore, the proposed design demonstrates that this research has achieved a significant improvement. Fifth-generation wireless communication systems are already in use or will soon be deployed in many countries. However, given the exponential growth of mobile wireless devices and services, some challenges persist that even 4G technology cannot address, such as spectrum limitations and high power consumption. Faced with the growing demand for high data rates and the mobility required for new wireless applications, wireless system developers have initiated research into fifth-generation (5G) wireless systems, with deployment planned after 2022. The primary goal of 5G is to develop an optimal wireless world, free from the limitations and restrictions of previous generations. 5G will transform the way most broadband users access their cellular communications. Keywords- Microstrip, Antenna, Array, 4G, 5G, CST, Bandwidth, Frequency
Paper Download Link	https://ijemmr.co.in/wp-content/uploads/2025/08/IJEMMR_July_25_amrish.pdf
Paper Title	WEB DEVELOPMENT BASED MANAGEMENT INSTRUMENTATION FOR LIVING ACCOMMODATIONS ASSOCIATION
Authors & Affiliation	Kranti Dev Shivhare¹ Dr. Monika Tripathi² Satish Pathak³ M. Tech. Scholar, Department of Computer Science Engineering, SKU Chhatarpur¹ , M.P. India Department of Computer Science Engineering, SKU Chhatarpur² M.P. India Department of Computer Science Engineering, SKU Chhatarpur³ M.P. India
Abstract & Keyword	Abstract Web Based Management System for Housing Society plays a major role in our day-to-day life. We develop a global web dependent application using Angular JS, Node JS and MySQL, with Xampp as the server to make an effective management system. This system is designed to provide a user-friendly and efficient platform for managing all the details of daily notices, monthly meetings, events, payments, maids etc., This system mainly consists of three modules, they are: Admin, User and Security. Each module here serves specific features and functionalities present within society. Admin module provides the features for managing user, houses, security, maids, notices, events, payment and voting information where we can add and view the details required as per the features. User module has features like events, notices, payments and voting where we can view the information provided by admin and make an action according to that. Security module has features like visitors, maids, notices, events and provide information as per the specific feature. Keyword :- IOS, Ionic, Android operating system, Admin Module, User Module, Hybrid platform
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